OutsideView .NET Automation Interface Component

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Table of Contents

Part I Welcome to the OutsideView .NET API reference 9

Part II Visual Studio Installation or Removal 15

1 Installing the OV .NET API component for Visual Studio ... 16

2 Uninstalling the OV .NET API component for a single instance of Visual Studio ... 19

3 Uninstalling the OV .NET API component for multiple instances of Visual Studio ... 20

Part III OvDotNet 25

1 OvCaptureArgs Class ... 30

OvCaptureArgs Properties ... 31

Text Property ... 32

OvCaptureArgs Methods ... 33

2 OvCaptureEventHandler Delegate ... 34

3 OvContextArgs Class ... 35

OvContextArgs Constructor ... 36

OvContextArgs Properties ... 37

CurrentContext Property ... 38

OvContextArgs Methods ... 38

4 OvContextEventHandler Delegate ... 39

5 OvDataFieldSelectType Enumeration ... 41

6 OvDataReceivedEventHandler Delegate ... 42

7 OvDataUpdateEventHandler Delegate ... 43

8 OvDotNetApi Class ... 44

OvDotNetApi Properties ... 45

ApplicationId Property ... 58

AutoPadHostInputFields Property ... 59

AutoStartOrAttach Property ... 60

AutoTrimHostFields Property ... 61

AutoUpdateFields Property ... 63

AutoUpdateHostInputFields Property ... 64

Columns Property ... 65

CrtCol Property ... 66

CrtRow Property ... 67

CurrentEmulationType Property ... 68

CurrentFocusState Property ... 69

CurrentKeyboardState Property ... 70

CurrentlySessionOwner Property ... 71

CurrentScreenContext Property ... 72

CurrentScreenMode Property ... 73

CurrentSessionOwner Property ... 74

CurrentSessionState Property ... 75

DataCapture Property ... 76

DataCaptureAccumulate Property ... 77

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DataFields Property ... 78
EventFilterPeriod Property ... 79
InputFields Property ... 80
InvokeThough Property ... 81
LastEventMessage Property ... 82
Linked Property ... 83
Location Property ... 84
New OvInstance Property ... 85
OutputTraceMessages Property ... 86
OvInitialWindow Style Property ... 87
OvWindow Handle Property ... 88
OvWindow Handles Property ... 89
Rows Property ... 90
SessionFilename Property ... 91
SimKeyboardLocked Property ... 92
SimKeyboardState Property ... 93
Tag Property ... 94
TerminalWindow Handle Property ... 95
TerminalWindow Handles Property ... 96
Text Property ... 97
TextEndAction Property ... 98
OvDotNetApi Methods ... 99
AddUserTraceComment Method ... 112
ApplicationRequest Method ... 113
BindComboBoxToFunctionKeyList Method ... 115
BindComboBoxToFunctionKeyList Method (ComboBox) ... 117
BindComboBoxToFunctionKeyList Method (ComboBox, OvEmulationType) ... 118
CrtAttribute Method ... 119
CrtCls Method ... 121
CrtCopy Method ... 121
CrtEmit Method ... 123
CrtFieldSearch Method ... 124
CrtFieldSearch Method (Int32) ... 124
CrtFieldSearch Method (Int32, Boolean) ... 126
CrtFieldSearch Method (Int32, Boolean, OvDataFieldSelectType, Int32) ... 127
CrtGet Method ... 128
CrtPosition Method ... 130
CrtQuery Method ... 131
CrtSearch Method ... 132
CrtSearch Method (Int32, Int32, String) ... 133
CrtSearch Method (Int32, Int32, Boolean, String) ... 135
CrtSet Method ... 136
CrtSetCursor Method ... 137
CrtTrigger Method ... 139
CrtTypeSet Method ... 140
DataCaptureEnable Method ... 141
DataCaptureGetAndClear Method ... 142
Emit Method ... 144
EmitBreak Method ... 145
EmitFunctionKey Method ... 146
EmitFunctionKey Method (String) ... 147
EmitFunctionKey Method (TN3270FunctionKey) ... 148
EmitFunctionKey Method (TN5250FunctionKey) ... 149
EmitFunctionKey Method (TN6530FunctionKey) ... 151

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EmitFunctionKey Method (TTYFunctionKey) ... 152
EmitFunctionKey Method (VT320FunctionKey) ... 154
EmitFunctionKey Method (Wyse50FunctionKey) ... 155
EmitVirtualKey Method ... 156
EventFlow Control Method ... 158
EventFlow ControlFunctionKeys Method ... 159
FileTransferQuery Method ... 160
FileTransferSet Method ... 161
FileTransferTrigger Method ... 162
FileTransferTypeSet Method ... 164
FunctionKeyPressedDone Method ... 165
HotLinkToOv Method ... 166
HotLinkToOv Method ... 167
HotLinkToOv Method (IntPtr) ... 168
HotLinkToOv Method (String[]) ... 169
HotLinkToOv Method (IntPtr, IntPtr) ... 171
IoInput Method ... 172
IoInput Method (Int32, Int32, Int32) ... 173
IoInput Method (Int32, Int32, Int32, String) ... 174
IoQuery Method ... 176
IoSet Method ... 177
IoTrigger Method ... 178
IoTypeSet Method ... 179
New TerminalSession Method ... 181
ReleaseControl Method ... 182
RequestControl Method ... 183
ShutDow n Method ... 184
Terminate Method ... 185
WaitCrtCursor Method ... 186
WaitCrtUnlock Method ... 188
WaitDCD Method ... 189
WaitKeystrokes Method ... 191
WaitSilent Method ... 192
WaitString Method ... 193
WaitTime Method ... 195
OvDotNetApi Events ... 196
DataFieldsUpdate Event ... 200
DataReceived Event ... 201
DiaContextActive Event ... 202
EmulationTypeActive Event ... 203
FunctionKeyPressed Event ... 204
KeyboardStateChanged Event ... 205
OnCaptureData Event ... 206
OnFocusChanged Event ... 207
ScreenModeChanged Event ... 208
SessionOw nerChanged Event ... 209
SessionStateChanged Event ... 210
SizeChange Event ... 211
9 OvEmulationType Enumeration ... 212
10 OvEmulationTypeArgs Class ... 213
OvEmulationTypeArgs Properties ... 214
Emulation Property ... 214
OvEmulationTypeArgs Methods ... 215

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11 OvEmulationTypeEventHandler Delegate ... 216
12 OvEventMask Enumeration ... 217
13 OvFieldBitFlags Enumeration ... 218
14 OvFieldInfo Class ... 219
OvFieldInfo Properties ... 220
Attributes Property ... 221
Column Property ... 222
FieldAttributes Property ... 223
InputField Property ... 224
Length Property ... 225
NoEcho Property ... 225
Row Property ... 226
Text Property ... 227
OvFieldInfo Methods ... 228
15 OvFieldTextTrimming Enumeration ... 229
16 OvFocusArgs Class ... 230
OvFocusArgs Properties ... 231
Focused Property ... 232
OvFocusArgs Methods ... 233
17 OvFocusEventHandler Delegate ... 234
18 OvFunctionKeyEventHandler Delegate ... 235
19 OvFunctionKeyPressedEventMask Enumeration ... 236
20 OvInputField Class ... 237
OvInputField Properties ... 238
AutoPad Property ... 239
AutoUpdate Property ... 240
Error Property ... 241
InputField Property ... 242
IsDirty Property ... 243
Item Property ... 244
Length Property ... 245
NoEcho Property ... 246
PromptLabel Property ... 247
Text Property ... 247
OvInputField Methods ... 248
OvInputField Events ... 249
PropertyChanged Event ... 250
21 OvKeyboardState Enumeration ... 251
22 OvKeyboardStateArgs Class ... 252
OvKeyboardStateArgs Constructor ... 253
OvKeyboardStateArgs Properties ... 254
State Property ... 255
OvKeyboardStateArgs Methods ... 256
23 OvKeyboardStateEventHandler Delegate ... 257
24 OvOwnerArgs Class ... 258
OvOwnerArgs Properties ... 259
Available Property ... 260
CurrentOwner Property ... 261
OvOwnerArgs Methods ... 261

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25 OvOwnerEventHandler Delegate ... 262
26 OvScreenMode Enumeration ... 263
27 OvScreenModeArgs Class ... 264
OvScreenModeArgs Properties ... 266
Mode Property ... 266
OvScreenModeArgs Methods ... 267
28 OvScreenModeEventHandler Delegate ... 268
29 OvSessionState Enumeration ... 269
30 OvSessionStateArgs Class ... 270
OvSessionStateArgs Properties ... 271
ConnectionState Property ... 272
Message Property ... 273
OvSessionStateArgs Methods ... 274
31 OvSessionStateEventHandler Delegate ... 275
32 OvSizeChangeEventHandler Delegate ... 276
33 TN3270FunctionKey Enumeration ... 277
34 TN5250FunctionKey Enumeration ... 278
35 TN6530FunctionKey Enumeration ... 279
36 TTYFunctionKey Enumeration ... 280
37 VisualizeScreenLayout Class ... 280
VisualizeScreenLayout Properties ... 282
DataFieldString Property ... 295
NameString Property ... 296
RegExString Property ... 297
ScreenExtractString Property ... 298
StatusLineExtractString Property ... 299
VisualizeScreenLayout Methods ... 300
EnableRealTimeUpdate Method ... 309
VisualizeScreenLayout Events ... 309
OnUserSelection Event ... 318
38 VisualizeScreenLayout.UserSelection Delegate ... 319
39 VisualizeScreenLayout.UserSelectionType Class ... 320
UserSelectionType Properties ... 321
FieldSelect Property ... 322
UserSelectionType Methods ... 323
40 VT320FunctionKey Enumeration ... 324
41 Wyse50FunctionKey Enumeration ... 325

Index 327

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Part I

1 Welcome to the OutsideView .NET API reference

OutsideView .NET Automation Interface Component

Welcome to the OutsideView .NET API reference

Welcome to the OutsideView .NET Api reference

Getting Started

Welcome to the .NET interface component which we believe provides a quantum leap forward in OutsideView's automation capabilities.

With OutsideView 8.1, Crystal Point introduced an intrinsic .NET application interface that exposes terminal emulation functionality to the proven development power and productivity of the .Net environment.

In the past, customers used our Visual CommBASIC 's screen interaction commands to create a wide range of enhancements for their users' day-day work flow.

These enhancements ranged from simple to amazing, but all shared a common thread of automating repetitive tasks to make user interactions faster, easier, and/or more accurate.

In some cases tasks that took hours were reduced to minutes.

With older technology like Visual CommBASIC, however, developers had to implement everything in very fine levels of detail.

The very rich libraries in the .NET environment allow developers to do more with less code, sometimes as few as one or two lines per functional block. New, much more powerful solutions can be developed quite rapidly in the .NET environment.

In addition to all the screen interaction commands available with our Visual CommBASIC, here are SOME of the additional capabilities available in our .NET component:

Enhancements for the .NET environment

Visual Studio Tool Box Integration

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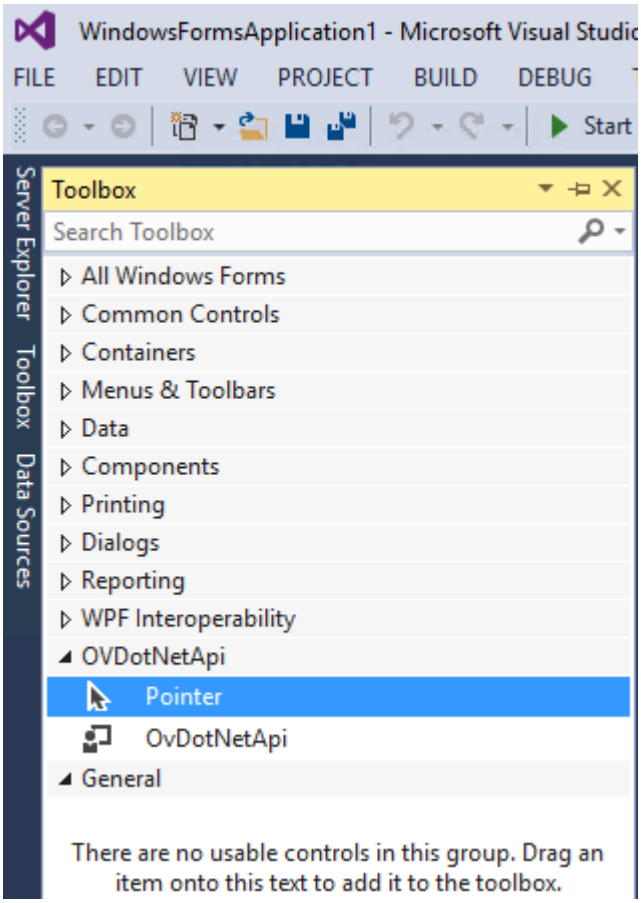

In creating the .NET interface we added standard constructs that provide a rich interaction environment for the developer.

Notification Events

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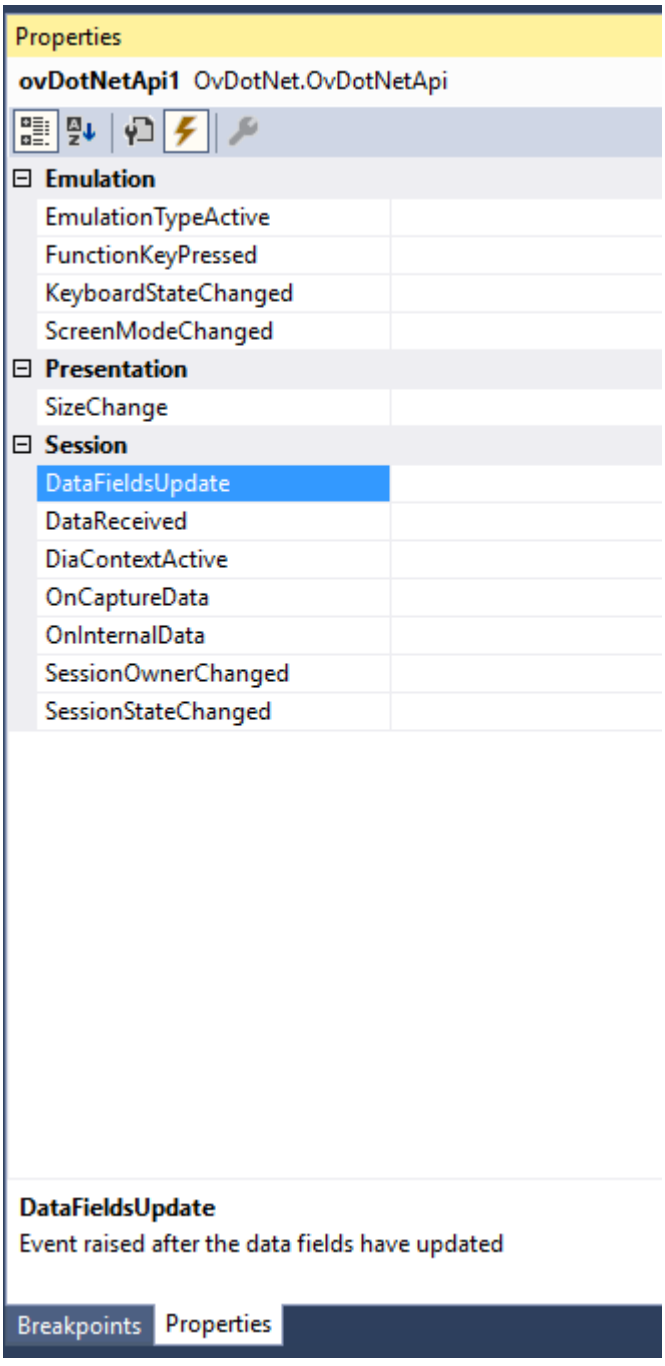

Runtime and Design Time Properties

Design Time Properties

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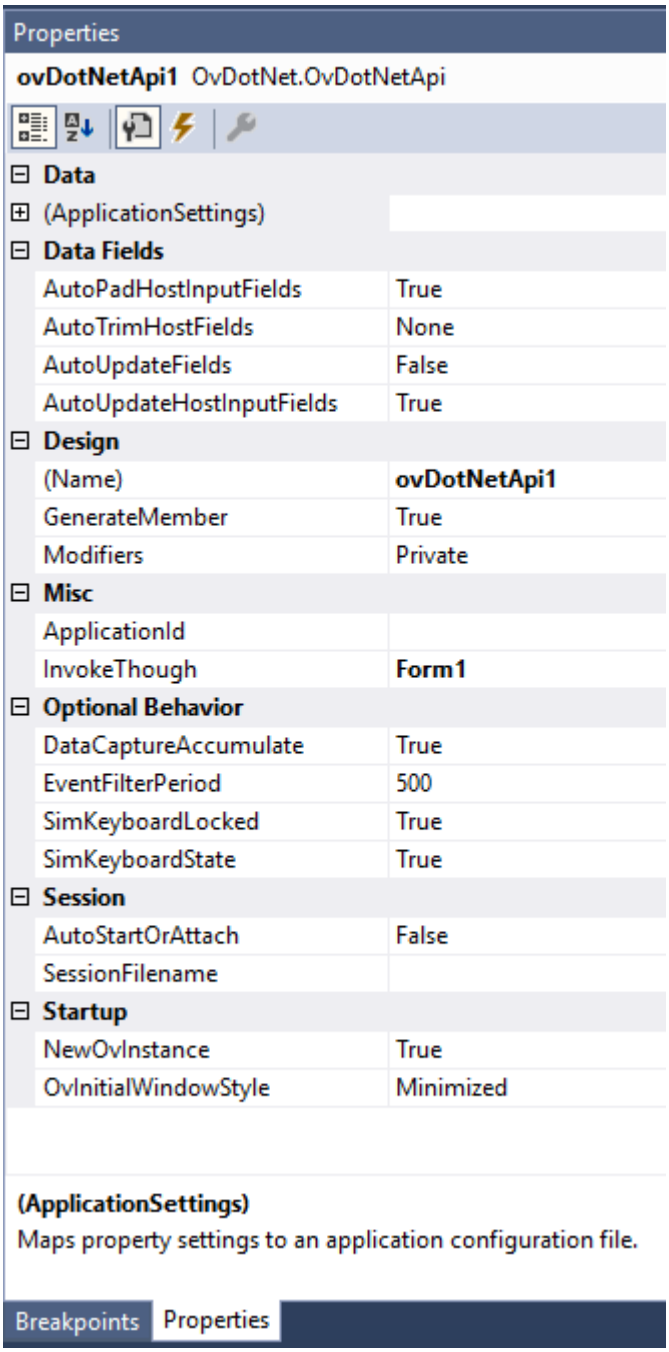

Runtime Properties

- Current screen text
- Data Fields (Formatted screens)
- Input Fields (Formatted screens)
- Session state
- Screen size
- Screen Mode

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- Keyboard state
- Active Emulation type
- Screen/Application Context

Other Enhancements

This interface component goes far beyond typical screen scraping like you find with traditional HLLAPI style interfaces. It presents the screen as an array of interaction objects by analyzing the internal structure of formatted screen. I.E. Simply change the text property of a input field and you are done!!!

See Also

Other Resources

Visual Studio Installation or Removal

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Part II

2 Visual Studio Installation or Removal

OutsideView .NET Automation Interface Component

Visual Studio Installation or Removal

Proceedures to install/uninstall the OV .NET API component in Visual Studio.

Visual Studio Install/Uninstall

Select the activity that you will be performing

- Installing the OV .NET API component for Visual Studio 16
- Uninstalling the OV .NET API component for a single instance of Visual Studio 19
- Uninstalling the OV .NET API component for multiple instances of Visual Studio

See Also

Other Resources

Welcome to the OutsideView .NET API reference 10

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2.1 Installing the OV .NET API component for Visual Studio

OutsideView .NET Automation Interface Component

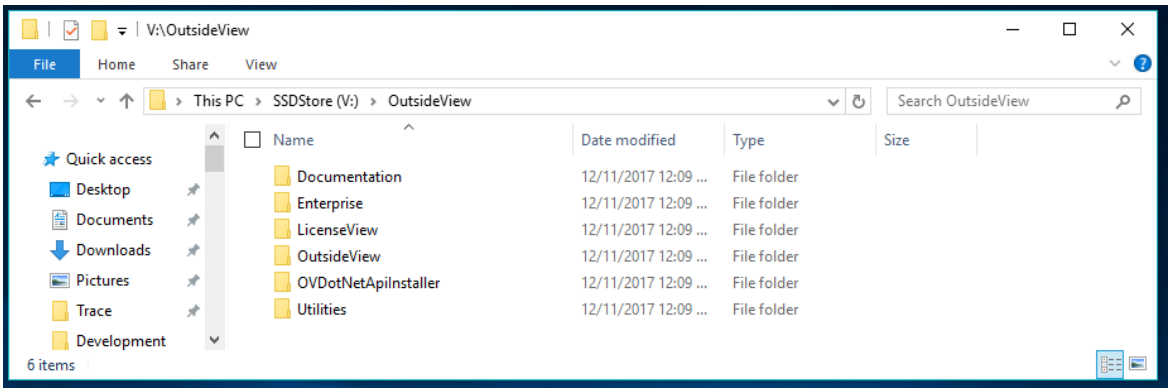
Installing the OV .NET API component for Visual Studio

Visual Studio Integration

This page covers using the OV Visual Studio toolbox control installer named OVDotNetApi.vsix in your OutsideView product distribution.

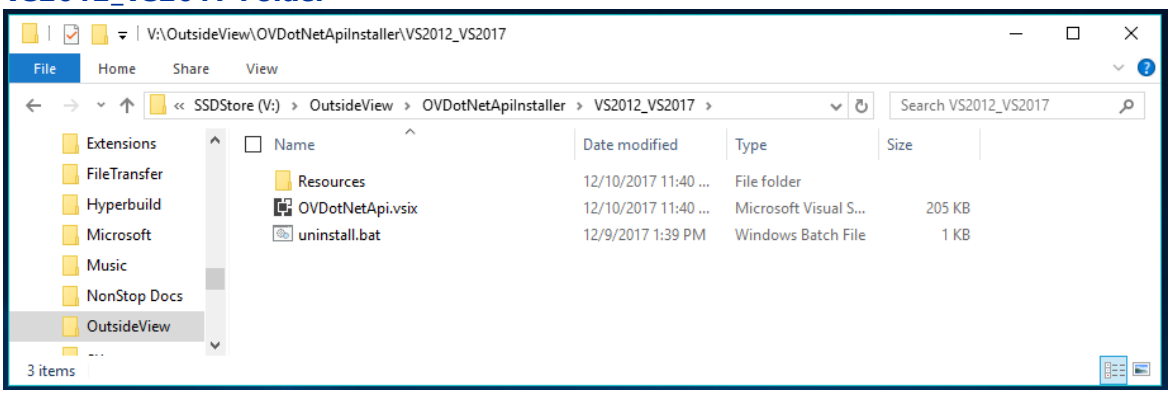
Installing from VSIX installer

1. Locate your product distribution folder



2. Navigate to the VSIX installer in VS2012_VS2017 folder

VS2012_VS2017 Folder



3. Start the Installer by double clicking on the OVDotNetApi.vsix file

Single Visual Studio install presentation

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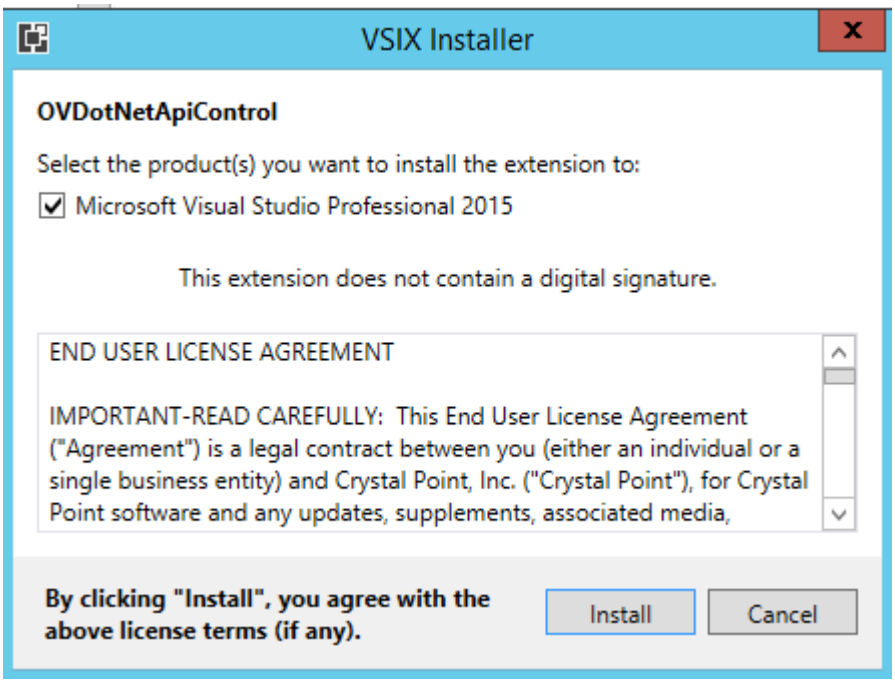
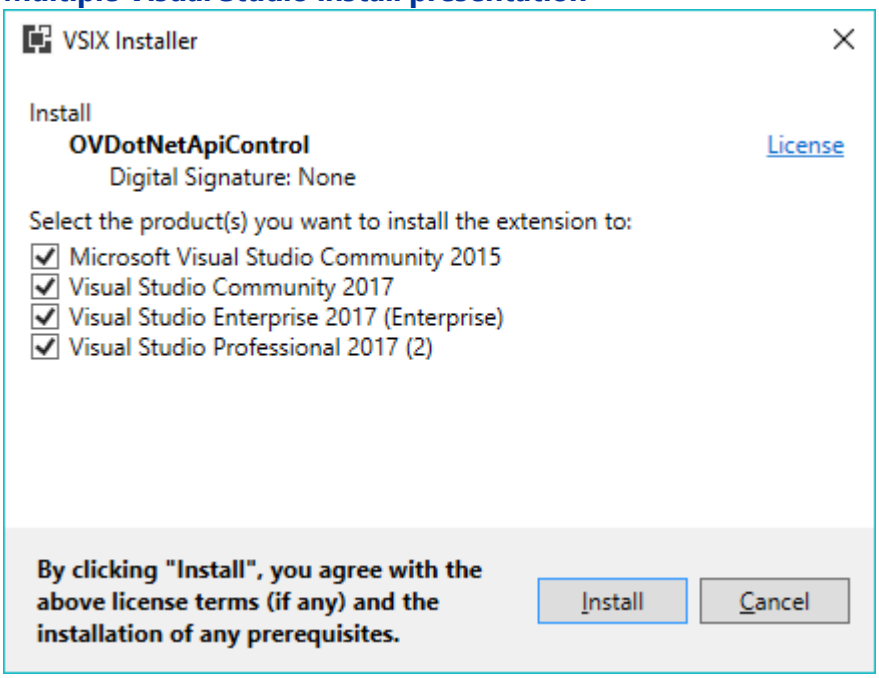


4. If you have multiple versions of Visual Studio installed on your system you will get a screen that will allow you to select which versions of Visual Studio you wish to install on.

Multiple Visual Studio install presentation



5. The VSIX Installer will detect the different versions of Visual Studio (VS2012 – VS2017) and install this extension onto your Visual Studio toolbox

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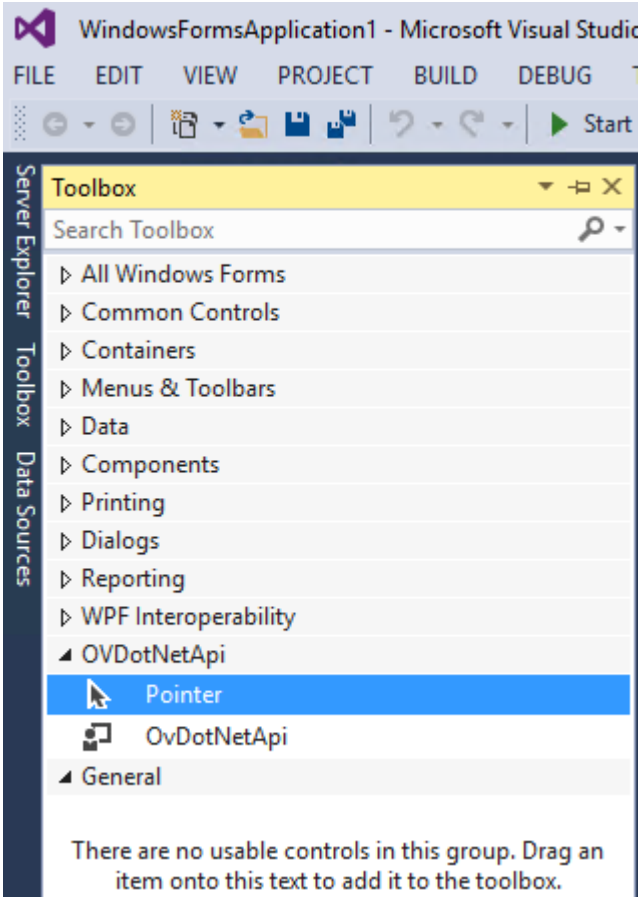
6. Once installed you will see the following new OVDotNetApi toolbox tab:

Visual Studio Tool Box



You are now ready to start OV Automation development on your workstation

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2.2 Uninstalling the OV .NET API component for a single instance of Visual Studio

OutsideView .NET Automation Interface Component

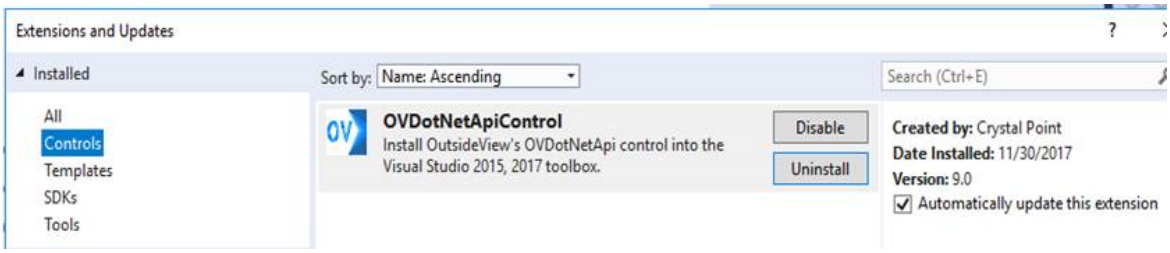
Uninstalling the OV .NET API component for a single instance of Visual Studio

This shows how to uninstall the OV .NET API component under a single instance of Visual Studio. There is alternate procedure if you have multiple versions of Visual Studio installed on your workstation.

Uninstall OVDotNetApi Control

1. In Visual Studio, navigate to Tools -> Extensions and Updates. This will bring up the Extensions and Updates dialog box.
2. Select the Controls category to narrow your search.

Extension Uninstall



3. Click on the Uninstall button to remove the control from Visual Studio.

Depending on the version of Visual Studio; you will need to exit Visual Studio to remove the extension.

See Also

Other Resources

Visual Studio Installation or Removal 16
Uninstalling the OV .NET API component for multiple instances of Visual Studio 20

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2.3 Uninstalling the OV .NET API component for multiple instances of Visual Studio

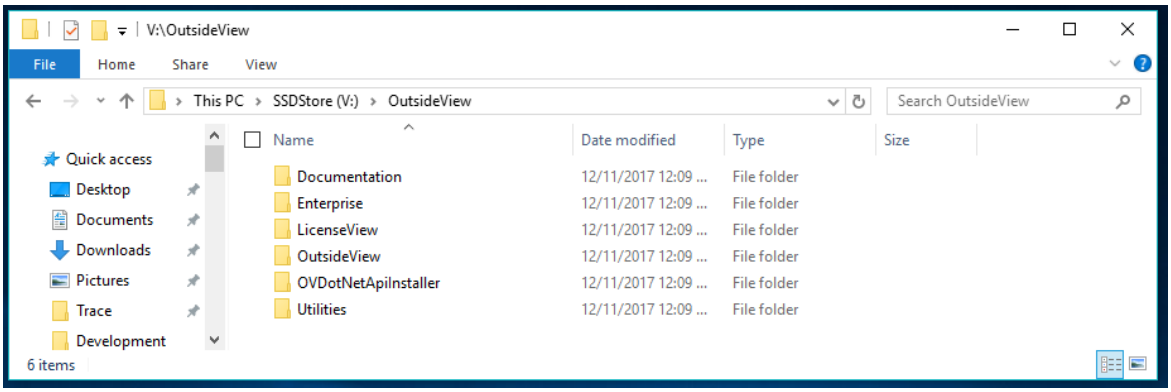
OutsideView .NET Automation Interface Component

Uninstalling the OV .NET API component for multiple instances of Visual Studio

The uninstall experience varies depending on the versions of Visual Studio that you have installed on your system. While you can uninstall individually under each version of Visual Studio. The quickest way to uninstall for multiple versions is too follow the procedure documented below:

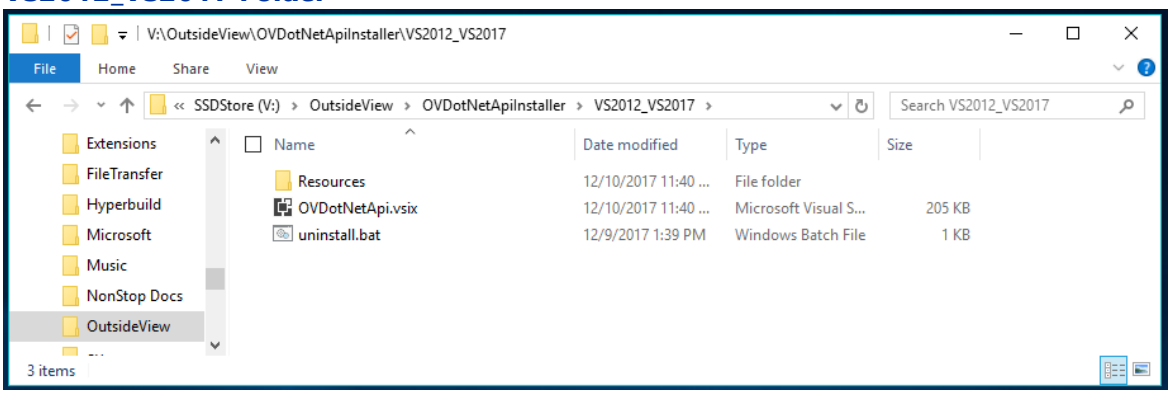
Uninstall for Multiple Versions of Visual Studio

1. Reboot your PC to make sure all versions of Visual Studio are fully shutdown.
2. Locate your product distribution folder



3. Navigate to the VS2012_VS2017 folder

VS2012_VS2017 Folder



4. Invoke the command prompt for the latest version of Visual Studio you have installed.
5. Navigate to the VS2012_VS2017 folder
6. Execute the uninstall.bat file found there.

Uninstall Command Prompt

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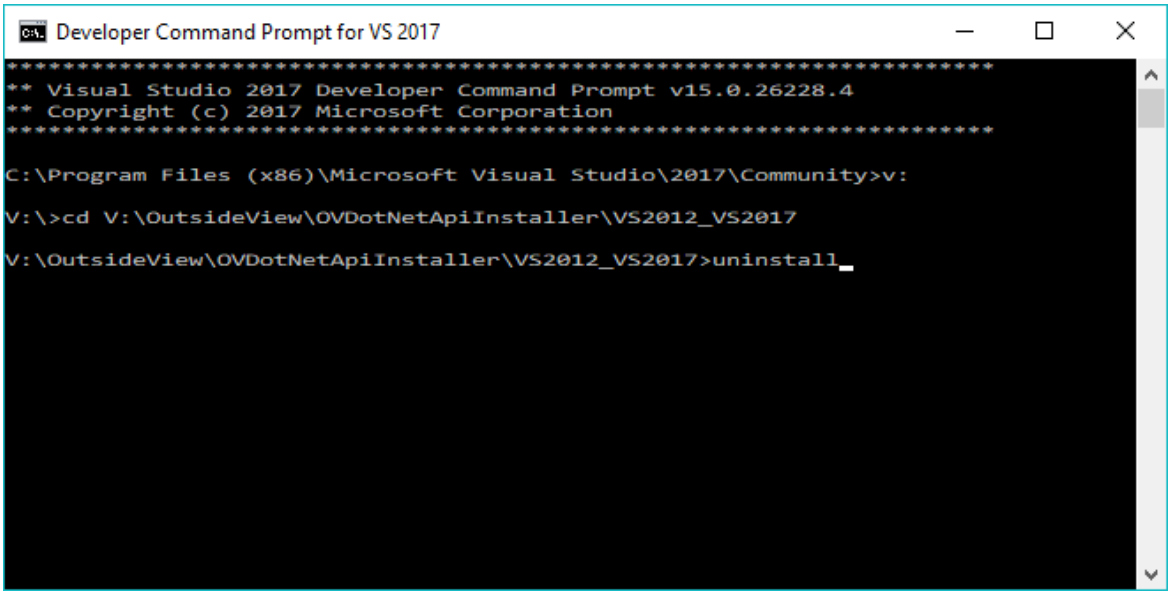
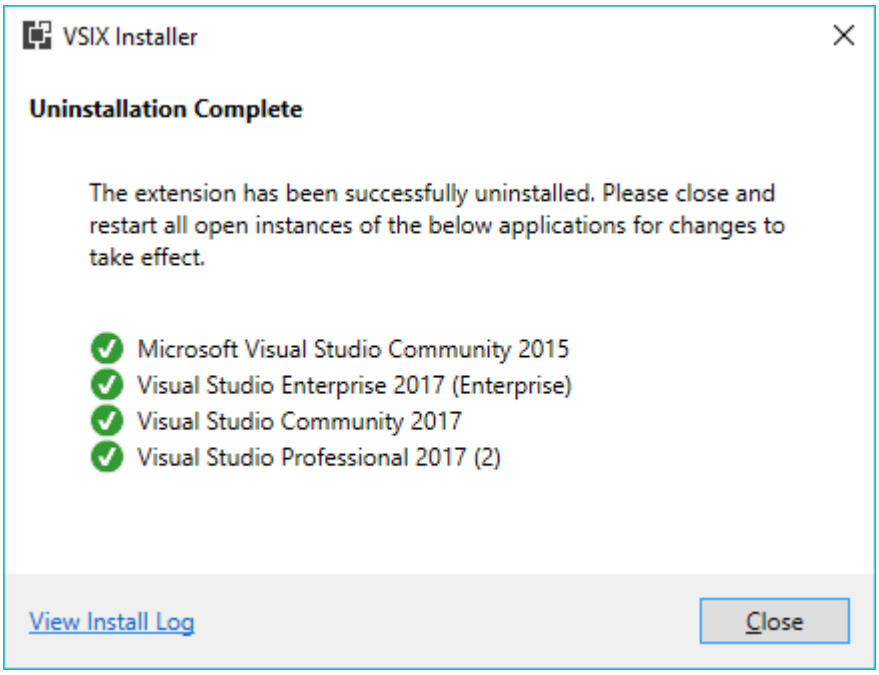


7. Under visual studio 2017 it will report that it uninstalled for the multiple versions of Visual Studio 2017 you might have installed. It also sometimes silently uninstalls for prior versions.

Uninstall Finished



If the report is missing an expected uninstall, use the single instance uninstall procedure to check for that version of Video Studio.

See Also

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Other Resources

Visual Studio Installation or Removal 16
Uninstalling the OV .NET API component for a single instance of Visual Studio 19

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Part III

3 OvDotNet

OutsideView .NET Automation Interface Component

OvDotNet Namespace

This namespace provides access into OutsideView's to permit the creation of custom automation programs, that interact with OV as a enduser, permitting the construction of advanced automations with mainframe hosts.

Remarks

This also permits you to program in the language of your choice, rather then have to use the older ComBasic scripting language that is included with OV.
Also note that the miniumum application target is now .NET 4.5

Classes

	Class	Description
	OvCaptureArgs 30	Text Capture event arguments
	OvContextArgs 35	Screen context event arguments
	OvDotNetApi 44	Main automation interface component to attach to a OutsideView terminal emulation session.
	OvEmulationTypeArgs 213	Emulation type event arguments
	OvFieldInfo 219	Field information object for data fields in a formated emulation screen.
	OvFocusArgs 230	Class OvFocusArgs.
	OvInputField 237	Field information object for data or input fields in formated emulation screens. Note this class extendeds the OvFieldInfo class.
	OvKeyboardStateArgs 252	Keyboard input mode event arguments

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	OvOwnerArgs 258	Ov Session Owner event arguments
	OvScreenModeArgs 264	Screen mode event arguments
	OvSessionStateArgs 270	Host session state event arguments
	VisualizeScreenLayout 280	WinForm dialog to visualize or make selections from the current emulation screen. This is great for seeing the underlying screen structure for host formated screens with TN3270, TN5250 and TN6530 emulators.
	VisualizeScreenLayoutUserSelectionType 320	User data selection type

Delegates

	Delegate	Description
	OvCaptureEventHandler 34	Data capture event handler
	OvContextEventHandler 39	Emulation context notification handler
	OvDataReceivedEventHandler 42	data received from OV emulator such as new screen content
	OvDataUpdateEventHandler 43	data fields have been updated
	OvEmulationTypeEventHandler 216	Notification of the type of emulation that is active
	OvFocusEventHandler 234	
	OvFunctionKeyEventHandler 235	Mappable Macro/Function key press event received from the emulation
	OvKeyboardStateEventHandler 257	Keyboard event received from the emulation
	OvOwnerEventHandler 262	Session Owner notification handler
	OvScreenModeEventHandler 268	Screen format mode event from the emulation

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	OvSessionStateEventHandler 275	Event notification of a change in the current host session connection state
	OvSizeChangeEventHandler 276	Session Window size has changed in the number of rows or columns displayed
	VisualizeScreenLayoutUserSelection 319	User selection of text on the data visualizer screen

Enumerations

	Enumeration	Description
	OvDataFieldSelectType 41	Field type to search for when using the CrtFieldSearch functionality.
	OvEmulationType 212	Current emulation type that is active.
	OvEventMask 217	Event mask values to temporarily mask OV event overhead. Typically used to simplify event handling logic, might be used by the programmer for turning off events they are not interested for the current phase of operations.
	OvFieldBitFlags 218	Data field bit flags to identify the type of field on formatted screens. This bits are generally only available when the screen index is on top of video or field mark, varies by the emulation type.
	OvFieldTextTrimming 229	White space trimming mode for text property of host FieldInfo or OvInputField objects. When the .NET component is scanning the terminal screen to determine text boundary's the resulting text assigned to the

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		text property might have leading or trailing spaces that are not logically needed. **Remarks** This is optional behavior that can be enabled and maybe desired if using data binding to the FieldInfo or OvInputField collection properties.
	OvFunctionKeyPressedEventMask 236	FunctionKey event mask values to filter which types of function keys trigger the FunctionKeyPress Event
	OvKeyboardState 251	The input state of the emulation keyboard:
	OvScreenMode 263	The mode that the current emulation screen is in:
	OvSessionState 269	The state of the current host session:
	TN3270FunctionKey 277	List of available function keys for the IBM 3270 emulator. Note there is helper function in OvDotNetApi.BindComboBoxTo FunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.
	TN5250FunctionKey 278	List of available function keys for the IBM 5250 emulator. Note there is helper function in OvDotNetApi.BindComboBoxTo FunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.
	TN6530FunctionKey 279	List of available function keys for the 6530 emulator. Note there is helper function in OvDotNetApi.BindComboBoxTo FunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

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	TTYFunctionKey 280	List of available function keys for the TTY emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.
	VT320FunctionKey 324	List of available function keys for the VT320 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.
	Wyse50FunctionKey 325	List of available function keys for the Wyse 50 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

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3.1 OvCaptureArgs Class

OutsideView .NET Automation Interface Component

OvCaptureArgs Class

Text Capture event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvCaptureArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 30
VB 30
C++
Copy 30

```
public class OvCaptureArgs : EventArgs
Public Class OvCaptureArgs
 Inherits EventArgs
public ref class OvCaptureArgs : public EventArgs
```

The OvCaptureArgs type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference

OvDotNet Namespace 26

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3.1.1 OvCaptureArgs Properties

OutsideView .NET Automation Interface Component

OvCaptureArgs Properties

The OvCaptureArgs 30 type exposes the following members.

Properties

	Name	Description
	Text 32	Current Capture text

Top

See Also

Reference

OvCaptureArgs Class 30
OvDotNet Namespace 26

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3.1.1.1 Text Property

OutsideView .NET Automation Interface Component

OvCaptureArgsText Property

Current Capture text

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 32
VB 32
C++
Copy 32

```
public string Text { get; }
Public ReadOnly Property Text As String
 Get
public:
property String^ Text {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvCaptureArgs Class 30
OvDotNet Namespace 26
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3.1.2 OvCaptureArgs Methods

OutsideView .NET Automation Interface Component

OvCaptureArgs Methods

The OvCaptureArgs 30 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvCaptureArgs Class 30
OvDotNet Namespace 26
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3.2 OvCaptureEventHandler Delegate

OutsideView .NET Automation Interface Component

OvCaptureEventHandler Delegate

Data capture event handler

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 34
VB 34
C++
Copy 34

```
public delegate void OvCaptureEventHandler(
 Object sender,
 OvCaptureArgs e
)
Public Delegate Sub OvCaptureEventHandler (
 sender As Object,
 e As OvCaptureArgs
)
public delegate void OvCaptureEventHandler(
 Object^ sender,
 OvCaptureArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: OvDotNetOvCaptureArgs 30
OvCaptureArgs contains the data that has been captured from the host.

See Also

Reference

OvDotNet Namespace 26

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3.3 OvContextArgs Class

OutsideView .NET Automation Interface Component

OvContextArgs Class

Screen context event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvContextArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 35
VB 35
C++
Copy 35

```
public class OvContextArgs : EventArgs
Public Class OvContextArgs
 Inherits EventArgs
public ref class OvContextArgs : public EventArgs
```

The OvContextArgs type exposes the following members.

Constructors

Top

Properties

Top

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Methods

Top

See Also

Reference

OvDotNet Namespace 26

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3.3.1 OvContextArgs Constructor

OutsideView .NET Automation Interface Component

OvContextArgs Constructor

Initializes a new instance of the OvContextArgs 35 class.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 36
VB 36
C++
Copy 36

```
public OvContextArgs(
 string context
)
Public Sub New (
 context As String
)
public:
OvContextArgs(
 String^ context
)
```

Parameters

context

Type: SystemString

The context.

See Also

Reference

OvContextArgs Class 35
OvDotNet Namespace 26

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3.3.2 OvContextArgs Properties

OutsideView .NET Automation Interface Component

OvContextArgs Properties

The OvContextArgs 35 type exposes the following members.

Properties

	Name	Description
	CurrentContext 38	Current screen context id

Top

See Also

Reference

OvContextArgs Class 35
OvDotNet Namespace 26

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3.3.2.1 CurrentContext Property

OutsideView .NET Automation Interface Component

OvContextArgsCurrentContext Property

Current screen context id

Namespace: OvDotNet

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C#
VB
C++
Copy

```
public string CurrentContext { get; }
Public ReadOnly Property CurrentContext As String
 Get
public:
property String^ CurrentContext {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvContextArgs Class
OvDotNet Namespace

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3.3.3 OvContextArgs Methods

OutsideView .NET Automation Interface Component

OvContextArgs Methods

The OvContextArgs 35 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvContextArgs Class 35
OvDotNet Namespace 26

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3.4 OvContextEventHandler Delegate

OutsideView .NET Automation Interface Component

OvContextEventHandler Delegate

Emulation context notification handler

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 39
VB 39
C++
Copy 39

```
public delegate void OvContextEventHandler(
 Object sender,
 OvContextArgs e
)
Public Delegate Sub OvContextEventHandler (
 sender As Object,
 e As OvContextArgs
)
public delegate void OvContextEventHandler(
 Object^ sender,
 OvContextArgs^ e
)
```

Parameters

sender

Type: SystemObject

Interface component object

e

Type: OvDotNetOvContextArgs 35

OvContextArgs contains the context recognized by the OV instance for the session.

See Also

Reference

OvDotNet Namespace 26

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3.5 OvDataFieldSelectType Enumeration

OutsideView .NET Automation Interface Component

OvDataFieldSelectType Enumeration

Field type to search for when using the CrtFieldSearch functionality.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 41
VB 41
C++
Copy 41

```
public enum OvDataFieldSelectType
Public Enumeration OvDataFieldSelectType
public enum class OvDataFieldSelectType
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26

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3.6 OvDataReceivedEventHandler Delegate

OutsideView .NET Automation Interface Component

OvDataReceivedEventHandler Delegate

data received from OV emulator such as new screen content

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 42
VB 42
C++
Copy 42

```
public delegate void OvDataReceivedEventHandler(
 Object sender,
 EventArgs e
)
Public Delegate Sub OvDataReceivedEventHandler (
 sender As Object,
 e As EventArgs
)
public delegate void OvDataReceivedEventHandler(
 Object^ sender,
 EventArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: SystemEventArgs
default event arguments object

See Also

Reference

OvDotNet Namespace 26

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3.7 OvDataUpdateEventHandler Delegate

OutsideView .NET Automation Interface Component

OvDataUpdateEventHandler Delegate

data fields have been updated

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 43
VB 43
C++
Copy 43

```
public delegate void OvDataUpdateEventHandler(
 Object sender,
 EventArgs e
)
Public Delegate Sub OvDataUpdateEventHandler (
 sender As Object,
 e As EventArgs
)
public delegate void OvDataUpdateEventHandler(
 Object^ sender,
 EventArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: SystemEventArgs
default event arguments object

See Also

Reference

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3.8 OvDotNetApi Class

OutsideView .NET Automation Interface Component

OvDotNetApi Class

Main automation interface component to attach to a OutsideView terminal emulation session.

Inheritance Hierarchy

SystemObject
  SystemMarshalByRefObject
    System.ComponentModelComponent
      OvDotNetOvDotNetApi

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 44
VB 44
C++
Copy 44

```
public class OvDotNetApi : Component
Public Class OvDotNetApi
 Inherits Component
public ref class OvDotNetApi : public Component
```

The OvDotNetApi type exposes the following members.

Properties

Top

Methods

Top

Events

Top

See Also

Reference

OvDotNet Namespace 26

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3.8.1 OvDotNetApi Properties

OutsideView .NET Automation Interface Component

OvDotNetApi Properties

The OvDotNetApi 44 type exposes the following members.

Properties

	Name	Description
	ApplicationId 58	Current id of Application using the API. **Remarks** Used in diagnostic logs to ease the identification of the using applications interactions, valuable in the case of multiple applications using the API concurrently. Which will be the

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		case if you are using ID management for auto login support in OV.
	AutoPadHostInputFields 59	Automatically pad input field assignments with space characters to fill the remainder of field. This ensures that the old content is replaced by the new.
	AutoStartOrAttach 60	If the property NewOvInstance is false and the session filename is not blank. This component will check for a running instance of OV, if not present it will start one for the session file name. If the session filename is blank, it will attach to running instance of OV, if no instance is available then the session state will be failed linkage.
	AutoTrimHostFields 61	White space trimming mode for text property of host FieldInfo or OvInputField objects. When the .NET component is scanning the terminal screen to determine text determine text boundary's the resulting text assigned to the text property might have leading or trailing spaces that are not logically needed. **Remarks** This is optional behavior that can be enabled and maybe

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		desired if using data binding to the FieldInfo or OvInputField collection properties.
	AutoUpdateFields 63	Automatically update the Properties for DataFields and InputFields when there is an I/O event and the current screen is a formatted block mode screen. As a performance enhancement this property is set to false so that the overhead of querying the emulation for the current screen format only occurs when the properties are accessed by the hosting application. However if the hosting application is using data binding against the field properties then this property should be set true so that the data bound controls remain in sync with the application screen. If enabled at run time then the fields are not at their correct value until the next I/O event. **Remarks** If you wish them to be updated immediately simply query either the DataFields or InputFields for the object count.
	AutoUpdateHostInputFields 64	When the input field "Text" property is changed

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		automatically update the input field in the emulation screen.
	Columns 65	Number of display rows for the current CRT text window ## Remarks Will only be valid when linked to a active emulation session!
	Container	Gets the IContainer that contains the Component. (Inherited from Component.)
	CrtCol 66	Current CRT cursor column (zero based value) ## Remarks Will only be valid when linked to a active emulation session!
	CrtRow 67	Current CRT cursor row (zero based value) ## Remarks Will only be valid when linked to a active emulation session!
	CurrentEmulationType 68	Current terminal emulation type. If the OVDotNetApi linkage is disconnected or terminated then this value will be OvEmulationType.Unknown. ## Remarks

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		Will only be valid when linked to a active emulation session!
	CurrentFocusState 69	Current host session focus state; if focused/active for the user If the OVDotNetApi linkage is disconnected or terminated then this value will be `false` **Field Value** Type: `true` if focused/active for the user; otherwise, `false`. ## Remarks Will only be valid when linked to a active emulation session!
	CurrentKeyboardState 70	Current keyboard input state. If OVDotNetApi linkage is disconnected or null then this property will return OvKeyboardState.Error. ## Remarks Will only be valid when linked to a active emulation session!
	CurrentlySessionOwner 71	This property indicate if we were successful in our last RequestControl() that we issued
	CurrentScreenContext 72	The current screen context that has been recognized by the Dynamic Input Assistance code in OV for command history and the Dynamic ToolBar.

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		If the OVDotNetApi linkage is disconnected or terminated then this value will return "Failed Linkage". ## Remarks Will only be valid when linked to a active emulation session!
	CurrentScreenMode 73	Current screen operating mode If OVDotNetApi happens to be null when user retrieves the Current screen operating mode, then this value will be defaulted to OvScreenMode.Conv. ## Remarks Will only be valid when linked to a active emulation session!
	CurrentSessionOwner 74	The current remote screen Owner that owns the Session. This property has the handle value of another .net component that current has session ownership via the RequestControl() function. If the value is Zero the session is available to to request ownership via the RequestControl Function ## Remarks

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		Will only be valid when linked to a active emulation session!
	CurrentSessionState 75	Current host session data link state. If the OVDotNetApi linkage is disconnected or terminated then this value will be OvSessionState.FailedLinkage. **Remarks** Will only be valid when linked to a active emulation session!
	DataCapture 76	Contains the text that has accumulated while the data capture functionality is enabled. **Remarks** Typically has a partial line at the end which is the current host prompt.
	DataCaptureAccumulate 77	Accumulate data capture packets as they arrive from the host. Default value is true. If set to false then the DataCapture property will only contain the value of the last host write to the terminal emulation. **Remarks** If you are subscribing to the OnDataCapture event you more

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		and likely will wish to set this property to false as you will be receiving the host capture data as part of the event.
	DataFields 78	Data fields that are currently present on a formated screen. **Remarks** Will only have content when the current emulation screen is a formated host form!
	EventFilterPeriod 79	Current Event Filter Period Event delay notification time period (reduces number of like events fired). **Remarks** Some hosts when writing a block mode screen might in the course of painting the screen unlock and lock the keyboard several times which can be confusing. Setting this delay value gives you a lazy notification of the last unlock without the intervening false locks and unlocks. Also useful to filter host data I/O events, you typical are not concern the the host has sent five blocks of data, just that it has sent you data to be processed.

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	InputFields 80	The current formatted screen data input fields. **Remarks** Will only have content when the current emulation screen is a formated host form and input fields are present.
	InvokeThough 81	Gets or sets the synchronizing object for receiving events. Specifies the object used to marshal event-handler calls when they are triggered. **Remarks** Useful with WinForm applications to allow you alter GUI controls from inside of a Ov Component event handler without cross-thread errors. Note: If you are polling the .NET API from event's or invokes generated from your base form you will get unexpected results as event data from OV will be stalled in the windows message pump and not processed by the API. If doing any polling it best to have a independant thread; so that messages between your application and OV can flow freely.

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	LastEventMessage 82	Error or status text associated with the last event processed, by the this component.
	Linked 83	returns true if we are currently linked with a running copy of OutsideView
	Location 84	Gets the location of the OV Instance that we are linked too so that an automation can overlay the OV session. **Remarks** Test the returned value for a non-zero value before applying, tiebreaker is
	NewOvInstance 85	Launch private new instance of OV for the current session or workspace filename if it is defined, if session filename not defined then no affect on OV linkage process.
	OutputTraceMessages 86	Output Trace messages of the low level interactions when using the .net component to control a OV session. The output is written with a System.Diagnostics.Trace.Write command so use the trace listener of your choice. **Remarks** This is generally used for diagnostic purposes only!!! When this property is set the interface will be quite chatty in

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		outputting Trace messages of it's communication with OutsideView and will slow down the interactions; so definitely do not enable for a production environment!!! You also might be asked by support to do an extended trace which records actions inside of OV. In that case you would not set this property.
	OvInitialWindowStyle 87	Initial window style when starting a new instance of OV.
	OvWindowHandle 88	Runtime value of the Main Window handle for the OV instance that we are linked too
	OvWindowHandles 89	Window handles for running OV instances that have active sessions
	Rows 90	Number of display rows for the current CRT text window ## Remarks Will only be valid when linked to a active emulation session!
	SessionFilename 91	Current Session filename, leave blank to hot attach to a running OV instance
	SimKeyboardLocked 92	Simulate keyboard locked/unlocked based of if another automation has done a logical session lock with the RequestControl()/ReleaseControl() functionality.

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		Remarks When multiple .net interface components are attached to a single session they make use of RequestControl()/ReleaseControl() to cooperatively not fight for control of the session. When this property is set the non-controlling .net interface component see a keyboard locked state like the host decided to update the status line or some content on the screen. Which can simplify logic as it doesn't have to deal with multiple data events or keyboard unlocks as another automation performs multiple page navigation or transactions.
	SimKeyboardState 93	Simulate keyboard state in conversation mode based on receiving NonStop line mode read specification packets. If the emulation is in conversational mode; this is nice to use with the data capture property as you can issue a command to the host; and when the command is finished you will get a keyboard unlock event when the host has finished displaying the data and it is

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		ready to process the next user command.
	Site	Gets or sets the ISite of the Component. (Inherited from Component.)
	Tag 94	User-defined data object associated with this API instance
	TerminalWindowHandle 95	Terminal window handle for the current session the api is linked too
	TerminalWindowHandles 96	Terminal window handles for all sessions for the current OV instance we are linked too **Remarks** Will only be valid when linked to a active emulation session!
	Text 97	Current text that is present in the terminal emulation window. If text is assigned to this property it is data input to the terminal emulation the same as the Emit Command. It also appends the contents of the TextEndAction to the outgoing text. The default value of TextEndAction is a enter key.
	TextEndAction 98	String to append to the text that is assigned to the Text property of this component. The default value is the character for the enter key, depending on your host or application environment it might be

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		appropriate to change it to a tab or new line value. **Remarks** If the pipe symbol "|" is in this property then it is a marker to indicate that text following it represents a function key designation and will result in a call to EmitFunctionKey(string key). The allows you to define the transmission of function key after each assignment of string data to the Text property.

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.1 ApplicationId Property

OutsideView .NET Automation Interface Component

OvDotNetApiApplicationId Property

Current id of Application using the API.

Remarks

Used in diagnostic logs to ease the identification of the using applications interactions, valuable in the case of multiple applications using the API concurrently. Which will be the case if you are using ID management for auto login support in OV.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 58
VB 58
C++
Copy 58

```
public string ApplicationId { get; set; }
Public Property ApplicationId As String
 Get
 Set
public:
property String^ ApplicationId {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiAddUserTraceComment(String) 112
OvDotNetApiOutputTraceMessages 86

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3.8.1.2 AutoPadHostInputFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiAutoPadHostInputFields Property

Automatically pad input field assignments with space characters to fill the remainder of field. This ensures that the old content is replaced by the new.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 59
VB 59
C++
Copy 59

```
public bool AutoPadHostInputFields { get; set; }
Public Property AutoPadHostInputFields As Boolean
 Get
 Set
public:
property bool AutoPadHostInputFields {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.3 AutoStartOrAttach Property

OutsideView .NET Automation Interface Component

OvDotNetApiAutoStartOrAttach Property

If the property NewOvInstance is false and the session filename is not blank. This component will check for a running instance of OV, if not present it will start one for the session file name.

If the session filename is blank, it will attach to running instance of OV, if no instance is available then the session state will be failed linkage.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 60
VB 60
C++
Copy 60

```
public bool AutoStartOrAttach { get; set; }
Public Property AutoStartOrAttach As Boolean
 Get
 Set
public:
property bool AutoStartOrAttach {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiSessionFilename 91
OvDotNetApiNewOvInstance 85

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3.8.1.4 AutoTrimHostFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiAutoTrimHostFields Property

White space trimming mode for text property of host FieldInfo or OvInputField objects.

When the .NET component is scanning the terminal screen to determine text determine text boundary's the resulting text assigned to the text property might have leading or trailing spaces that are not logically needed.

Remarks

This is optional behavior that can be enabled and maybe desired if using data binding to the FieldInfo or OvInputField collection properties.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 61
VB 61
C++
Copy 61

```
public OvFieldTextTrimming AutoTrimHostFields { get; set; }
Public Property AutoTrimHostFields As OvFieldTextTrimming
 Get
 Set
public:
property OvFieldTextTrimming AutoTrimHostFields {
 OvFieldTextTrimming get ();
 void set (OvFieldTextTrimming value);
}
```

Property Value

Type: OvFieldTextTrimming

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetOvFieldTextTrimming 229

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3.8.1.5 AutoUpdateFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiAutoUpdateFields Property

Automatically update the Properties for DataFields and InputFields when there is an I/O event and the current screen is a formatted block mode screen.
As a performance enhancement this property is set to false so that the overhead of querying the emulation for the current screen format only occurs when the properties are accessed by the hosting application.
However if the hosting application is using data binding against the field properties then this property should be set true so that the data bound controls remain in sync with the application screen. If enabled at run time then the fields are not at their correct value until the next I/O event.

Remarks

If you wish them to be updated immediately simply query either the DataFields or InputFields for the object count.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 63
VB 63
C++
Copy 63

```
public bool AutoUpdateFields { get; set; }
Public Property AutoUpdateFields As Boolean
 Get
 Set
public:
property bool AutoUpdateFields {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

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See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.6 AutoUpdateHostInputFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiAutoUpdateHostInputFields Property

When the input field "Text" property is changed automatically update the input field in the emulation screen.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 64
VB 64
C++
Copy 64

```
public bool AutoUpdateHostInputFields { get; set; }
Public Property AutoUpdateHostInputFields As Boolean
 Get
 Set
public:
property bool AutoUpdateHostInputFields {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.7 Columns Property

OutsideView .NET Automation Interface Component

OvDotNetApiColumns Property

Number of display rows for the current CRT text window

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 65
VB 65
C++
Copy 65

```
public int Columns { get; }
Public ReadOnly Property Columns As Integer
 Get
public:
property int Columns {
 int get ();
}
```

Property Value

Type: Int32

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26
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3.8.1.8 CrtCol Property

OutsideView .NET Automation Interface Component

OvDotNetApiCrtCol Property

Current CRT cursor column (zero based value)

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 66
VB 66
C++
Copy 66

```
public int CrtCol { get; set; }
Public Property CrtCol As Integer
 Get
 Set
public:
virtual property int CrtCol {
 int get () sealed;
 void set (int value) sealed;
}
```

Property Value

Type: Int32

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.9 CrtRow Property

OutsideView .NET Automation Interface Component

OvDotNetApiCrtRow Property

Current CRT cursor row (zero based value)

Remarks

Will only be valid when linked to a active emulation session!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 67
VB 67
C++
Copy 67

```
public int CrtRow { get; set; }
Public Property CrtRow As Integer
 Get
 Set
public:
virtual property int CrtRow {
 int get () sealed;
 void set (int value) sealed;
}
```

Property Value

Type: Int32

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.10 CurrentEmulationType Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentEmulationType Property

Current terminal emulation type.
If the OVDotNetApi linkage is disconnected or terminated then this value will be OvEmulationType.Unknown.

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 68
VB 68
C++
Copy 68

```
public OvEmulationType CurrentEmulationType { get; }
Public ReadOnly Property CurrentEmulationType As OvEmulationType
 Get
public:
property OvEmulationType CurrentEmulationType {
 OvEmulationType get ();
}
```

Property Value

Type: OvEmulationType

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetOvEmulationType 212

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3.8.1.11 CurrentFocusState Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentFocusState Property

Current host session focus state; if focused/active for the user

If the OVDotNetApi linkage is disconnected or terminated then this value will be `false`

Property Value

Type: Boolean

`true` if focused/active for the user; otherwise, `false`.

Remarks

Will only be valid when linked to a active emulation session!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 69
VB 69
C++
Copy 69

```
public bool CurrentFocusState { get; }
Public ReadOnly Property CurrentFocusState As Boolean
 Get
public:
property bool CurrentFocusState {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.12 CurrentKeyboardState Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentKeyboardState Property

Current keyboard input state.
If OVDotNetApi linkage is disconnected or null then this property will return OvKeyboardState.Error.

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 70
VB 70
C++
Copy 70

```
public OvKeyboardState CurrentKeyboardState { get; }
Public ReadOnly Property CurrentKeyboardState As OvKeyboardState
 Get
public:
property OvKeyboardState CurrentKeyboardState {
 OvKeyboardState get ();
}
```

Property Value

Type: OvKeyboardState

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.13 CurrentlySessionOwner Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentlySessionOwner Property

This property indicate if we were successful in our last RequestControl() that we issued

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 71
VB 71
C++
Copy 71

```
public bool CurrentlySessionOwner { get; }
Public ReadOnly Property CurrentlySessionOwner As Boolean
 Get
public:
property bool CurrentlySessionOwner {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.14 CurrentScreenContext Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentScreenContext Property

The current screen context that has been recognized by the Dynamic Input Assistance code in OV for command history and the Dynamic ToolBar.
If the OVDotNetApi linkage is disconnected or terminated then this value will return "Failed Linkage".

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 72
VB 72
C++
Copy 72

```
public string CurrentScreenContext { get; }
Public ReadOnly Property CurrentScreenContext As String
 Get
public:
property String^ CurrentScreenContext {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.15 CurrentScreenMode Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentScreenMode Property

Current screen operating mode
If OVDotNetApi happens to be null when user retrieves the Current screen operating mode, then this value will be defaulted to OvScreenMode.Conv.

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 73
VB 73
C++
Copy 73

```
public OvScreenMode CurrentScreenMode { get; }
Public ReadOnly Property CurrentScreenMode As OvScreenMode
 Get
public:
property OvScreenMode CurrentScreenMode {
 OvScreenMode get ();
}
```

Property Value

Type: OvScreenMode

See Also

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Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.16 CurrentSessionOwner Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentSessionOwner Property

The current remote screen Owner that owns the Session.
This property has the handle value of another .net component that current has session ownership via the RequestControl() function. If the value is Zero the session is available to to request ownership via the RequestControl Function

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 74
VB 74
C++
Copy 74

```
public IntPtr CurrentSessionOwner { get; }
Public ReadOnly Property CurrentSessionOwner As IntPtr
 Get
public:
property IntPtr CurrentSessionOwner {
 IntPtr get ();
}
```

Property Value

Type: IntPtr

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.17 CurrentSessionState Property

OutsideView .NET Automation Interface Component

OvDotNetApiCurrentSessionState Property

Current host session data link state.
If the OVDotNetApi linkage is disconnected or terminated then this value will be OvSessionState.FailedLinkage.

Remarks

Will only be valid when linked to a active emulation session!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 75
VB 75
C++
Copy 75

```
public OvSessionState CurrentSessionState { get; }
Public ReadOnly Property CurrentSessionState As OvSessionState
 Get
public:
property OvSessionState CurrentSessionState {
 OvSessionState get ();
}
```

Property Value

Type: OvSessionState

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.18 DataCapture Property

OutsideView .NET Automation Interface Component

OvDotNetApiDataCapture Property

Contains the text that has accumulated while the data capture functionality is enabled.

Remarks

Typically has a partial line at the end which is the current host prompt.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 76
VB 76
C++
Copy 76

```
public string DataCapture { get; }
Public ReadOnly Property DataCapture As String
 Get
public:
property String^ DataCapture {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.19 DataCaptureAccumulate Property

OutsideView .NET Automation Interface Component

OvDotNetApiDataCaptureAccumulate Property

Accumulate data capture packets as they arrive from the host.
Default value is true. If set to false then the DataCapture property will only contain the value of the last host write to the terminal emulation.

Remarks

If you are subscribing to the OnDataCapture event you more and likely will wish to set this property to false as you will be receiving the host capture data as part of the event.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 77
VB 77
C++
Copy 77

```
public bool DataCaptureAccumulate { get; set; }
```

```
Public Property DataCaptureAccumulate As Boolean
 Get
 Set
```

```
public:
property bool DataCaptureAccumulate {
 bool get ();
 void set (bool value);
```

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}

Property Value
Type: Boolean

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.20 DataFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiDataFields Property

Data fields that are currently present on a formated screen.

Remarks

Will only have content when the current emulation screen is a formated host form!
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 78
VB 78
C++
Copy 78

```
public BindingList<OvFieldInfo> DataFields { get; }
Public ReadOnly Property DataFields As BindingList(Of OvFieldInfo)
 Get
public:
property BindingList<OvFieldInfo^>^ DataFields {
 BindingList<OvFieldInfo^>^ get ();
}
```

Property Value
Type: BindingListOvFieldInfo

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.21 EventFilterPeriod Property

OutsideView .NET Automation Interface Component

OvDotNetApiEventFilterPeriod Property

Current Event Filter Period
Event delay notification time period (reduces number of like events fired).

Remarks

Some hosts when writing a block mode screen might in the course of painting the screen unlock and lock the keyboard several times which can be confusing. Setting this delay value gives you a lazy notification of the last unlock without the intervening false locks and unlocks.
Also useful to filter host data I/O events, you typical are not concern the the host has sent five blocks of data, just that it has sent you data to be processed.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 79
VB 79
C++
Copy 79

```
public int EventFilterPeriod { get; set; }
```

```
Public Property EventFilterPeriod As Integer
 Get
 Set
public:
property int EventFilterPeriod {
 int get ();
 void set (int value);
}
```

Property Value

Type: Int32

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiDataReceived 201
OvDotNetApiDataCapture 76
OvDotNetApiDataCaptureAccumulate 77
OvDotNetApiDataCaptureGetAndClear 142

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3.8.1.22 InputFields Property

OutsideView .NET Automation Interface Component

OvDotNetApiInputFields Property

The current formatted screen data input fields.

Remarks

Will only have content when the current emulation screen is a formated host form and input fields are present.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 80
VB 80
C++
Copy 80

```
public BindingList<OvInputField> InputFields { get; }
Public ReadOnly Property InputFields As BindingList(Of OvInputField)
 Get
public:
property BindingList<OvInputField^>^ InputFields {
 BindingList<OvInputField^>^ get ();
}
```

Property Value

Type: BindingListOvInputField

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.23 InvokeThough Property

OutsideView .NET Automation Interface Component

OvDotNetApiInvokeThough Property

Gets or sets the synchronizing object for receiving events.

Specifies the object used to marshal event-handler calls when they are triggered.

Remarks

Useful with WinForm applications to allow you alter GUI controls from inside of a Ov Component event handler without cross-thread errors.

Note: If you are polling the .NET API from event's or invokes generated from your base form you will get unexpected results as event data from OV will be stalled in the

windows message pump and not processed by the API. If doing any polling it best to have a independant thread; so that messages between your application and OV can flow freely.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 81
VB 81
C++
Copy 81

```
public ISynchronizeInvoke InvokeThough { get; set; }
Public Property InvokeThough As ISynchronizeInvoke
 Get
 Set
public:
property ISynchronizeInvoke^ InvokeThough {
 ISynchronizeInvoke^ get ();
 void set (ISynchronizeInvoke^ value);
}
```

Property Value

Type: ISynchronizeInvoke

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.24 LastEventMessage Property

OutsideView .NET Automation Interface Component

OvDotNetApiLastEventMessage Property

Error or status text associated with the last event processed, by the this component.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 82
VB 82
C++
Copy 82

```
public string LastEventMessage { get; }
Public ReadOnly Property LastEventMessage As String
 Get
public:
property String^ LastEventMessage {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.25 Linked Property

OutsideView .NET Automation Interface Component

OvDotNetApiLinked Property

returns true if we are currently linked with a running copy of OutsideView
Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 83
VB 83
C++
Copy 83

```
public bool Linked { get; }
Public ReadOnly Property Linked As Boolean
```

```
 Get
public:
property bool Linked {
 bool get ();
}
```

Property Value

Type: Boolean
true if linked

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.26 Location Property

OutsideView .NET Automation Interface Component

OvDotNetApiLocation Property

Gets the location of the OV Instance that we are linked too so that an automation can overlay the OV session.

Remarks

Test the returned value for a non-zero value before applying, tiebreaker is
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 84
VB 84
C++
Copy 84

```
public Point Location { get; }
```

```
Public ReadOnly Property Location As Point
 Get
public:
property Point Location {
 Point get ();
}
```

Property Value

Type: Point

The location of the OV Window.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.1.27 NewOvInstance Property

OutsideView .NET Automation Interface Component

OvDotNetApiNewOvInstance Property

Launch private new instance of OV for the current session or workspace filename if it is defined, if session filename not defined then no affect on OV linkage process.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 85
VB 85
C++
Copy 85

```
public bool NewOvInstance { get; set; }
Public Property NewOvInstance As Boolean
 Get
 Set
public:
property bool NewOvInstance {
 bool get ();
```

```
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiSessionFilename 91

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3.8.1.28 OutputTraceMessages Property

OutsideView .NET Automation Interface Component

OvDotNetApiOutputTraceMessages Property

Output Trace messages of the low level interactions when using the .net component to control a OV session.
The output is written with a System.Diagnostics.Trace.Write command so use the trace listener of your choice.

Remarks

This is generally used for diagnostic purposes only!!! When this property is set the interface will be quite chatty in outputting Trace messages of it's communication with OutsideView and will slow down the interactions; so definitely do not enable for a production environment!!!
You also might be asked by support to do an extended trace which records actions inside of OV. In that case you would not set this property.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 86
VB 86
C++
Copy 86

```
public bool OutputTraceMessages { get; set; }
Public Property OutputTraceMessages As Boolean
 Get
 Set
public:
property bool OutputTraceMessages {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiAddUserTraceComment(String) 112
OvDotNetApiApplicationId 58

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3.8.1.29 OvInitialWindowStyle Property

OutsideView .NET Automation Interface Component

OvDotNetApiOvInitialWindowStyle Property

Initial window style when starting a new instance of OV.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 87
VB 87
C++
Copy 87
```
public ProcessWindowStyle OvInitialWindowStyle { get; set; }
Public Property OvInitialWindowStyle As ProcessWindowStyle
 Get
 Set
public:
property ProcessWindowStyle OvInitialWindowStyle {
 ProcessWindowStyle get ();
 void set (ProcessWindowStyle value);
}
```

Property Value
Type: ProcessWindowStyle

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.30 OvWindowHandle Property

OutsideView .NET Automation Interface Component

OvDotNetApiOvWindowHandle Property

Runtime value of the Main Window handle for the OV instance that we are linked too
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 88
VB 88
C++
Copy 88
```
public IntPtr OvWindowHandle { get; }
Public ReadOnly Property OvWindowHandle As IntPtr
 Get
```

```
public:
property IntPtr OvWindowHandle {
 IntPtr get ();
}
```

Property Value

Type: IntPtr

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.31 OvWindowHandles Property

OutsideView .NET Automation Interface Component

OvDotNetApiOvWindowHandles Property

Window handles for running OV instances that have active sessions

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 89
VB 89
C++
Copy 89

```
public IntPtr[] OvWindowHandles { get; }
Public ReadOnly Property OvWindowHandles As IntPtr()
 Get
public:
property array<IntPtr>^ OvWindowHandles {
 array<IntPtr>^ get ();
}
```

Property Value

Type: IntPtr

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.32 Rows Property

OutsideView .NET Automation Interface Component

OvDotNetApiRows Property

Number of display rows for the current CRT text window

Remarks

Will only be valid when linked to a active emulation session!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 90
VB 90
C++
Copy 90

```
public int Rows { get; }
Public ReadOnly Property Rows As Integer
 Get
public:
property int Rows {
 int get ();
}
```

Property Value

Type: Int32

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.33 SessionFilename Property

OutsideView .NET Automation Interface Component

OvDotNetApiSessionFilename Property

Current Session filename, leave blank to hot attach to a running OV instance
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax
C# 91
VB 91
C++
Copy 91
```
public string SessionFilename { get; set; }
Public Property SessionFilename As String
 Get
 Set
public:
property String^ SessionFilename {
 String^ get ();
 void set (String^ value);
}
```

Property Value
Type: String

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiAutoStartOrAttach 60

OvDotNetApiNewOvInstance 85
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3.8.1.34 SimKeyboardLocked Property

OutsideView .NET Automation Interface Component

OvDotNetApiSimKeyboardLocked Property

Simulate keyboard locked/unlocked based of if another automation has done a logical session lock with the RequestControl()/ReleaseControl() functionality.

Remarks

When multiple .net interface components are attached to a single session they make use of RequestControl()/ReleaseControl() to cooperatively not fight for control of the session.
When this property is set the non-controlling .net interface component see a keyboard locked state like the host decided to update the status line or some content on the screen. Which can simplify logic as it doesn't have to deal with multiple data events or keyboard unlocks as another automation performs multiple page navigation or transactions.

Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 92
VB 92
C++
Copy 92

```
public bool SimKeyboardLocked { get; set; }
Public Property SimKeyboardLocked As Boolean
 Get
 Set
public:
property bool SimKeyboardLocked {
 bool get ();
 void set (bool value);
```

}

Property Value
Type: Boolean

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.35 SimKeyboardState Property

OutsideView .NET Automation Interface Component

OvDotNetApiSimKeyboardState Property

Simulate keyboard state in conversation mode based on receiving NonStop line mode read specification packets.
If the emulation is in conversational mode; this is nice to use with the data capture property as you can issue a command to the host; and when the command is finished you will get a keyboard unlock event when the host has finished displaying the data and it is ready to process the next user command.

Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 93
VB 93
C++
Copy 93

```
public bool SimKeyboardState { get; set; }
Public Property SimKeyboardState As Boolean
 Get
 Set
public:
property bool SimKeyboardState {
 bool get ();
```

```
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.36 Tag Property

OutsideView .NET Automation Interface Component

OvDotNetApiTag Property

User-defined data object associated with this API instance

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 94
VB 94
C++
Copy 94

```
public Object Tag { get; set; }
Public Property Tag As Object
 Get
 Set
public:
property Object^ Tag {
 Object^ get ();
 void set (Object^ value);
}
```

Property Value

Type: Object

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.37 TerminalWindowHandle Property

OutsideView .NET Automation Interface Component

OvDotNetApiTerminalWindowHandle Property

Terminal window handle for the current session the api is linked too
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax
C# 95
VB 95
C++
Copy 95
```
public IntPtr TerminalWindowHandle { get; }
Public ReadOnly Property TerminalWindowHandle As IntPtr
 Get
public:
property IntPtr TerminalWindowHandle {
 IntPtr get ();
}
```

Property Value
Type: IntPtr

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.1.38 TerminalWindowHandles Property

OutsideView .NET Automation Interface Component

OvDotNetApiTerminalWindowHandles Property

Terminal window handles for all sessions for the current OV instance we are linked too

Remarks

Will only be valid when linked to a active emulation session!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 96
VB 96
C++
Copy 96

```
public IntPtr[] TerminalWindowHandles { get; }
Public ReadOnly Property TerminalWindowHandles As IntPtr()
 Get
public:
property array<IntPtr>^ TerminalWindowHandles {
 array<IntPtr>^ get ();
}
```

Property Value

Type: IntPtr

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.1.39 Text Property

OutsideView .NET Automation Interface Component

OvDotNetApiText Property

Current text that is present in the terminal emulation window.
If text is assigned to this property it is data input to the terminal emulation the same as the Emit Command. It also appends the contents of the TextEndAction to the outgoing text. The default value of TextEndAction is a enter key.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 97
VB 97
C++
Copy 97

```
public string Text { get; set; }
Public Property Text As String
 Get
 Set
public:
property String^ Text {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

Remarks

Note this is high cost function to execute, so it is not suggested to poll this property.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiTextEndAction 98

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3.8.1.40 TextEndAction Property

OutsideView .NET Automation Interface Component

OvDotNetApiTextEndAction Property

String to append to the text that is assigned to the Text property of this component. The default value is the character for the enter key, depending on your host or application environment it might be appropriate to change it to a tab or new line value.

Remarks

If the pipe symbol "|" is in this property then it is a marker to indicate that text following it represents a function key designation and will result in a call to EmitFunctionKey(string key). The allows you to define the transmission of function key after each assignment of string data to the Text property.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 98
VB 98
C++
Copy 98

```
public string TextEndAction { get; set; }
Public Property TextEndAction As String
 Get
 Set
public:
property String^ TextEndAction {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

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See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2 OvDotNetApi Methods

OutsideView .NET Automation Interface Component

OvDotNetApi Methods

The OvDotNetApi 44 type exposes the following members.

Methods

	Name	Description
	AddUserTraceComment 112	Adds the user defined trace comment to the current tracing method output. This function is useful for the developer to add comments to the interactions with the api to document where problems may be occurring or various stages of operation. The comments will then be inserted into either a diagnostic trace with this component or an extended trace that Crystal Point may ask you to make. **Remarks**

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		These comments will only be logged after an initial link has been established with OV. Be sure to set the application id property with an identifier for your project, especially when dealing with multiple terminal sessions inside of your application!!! Also blank lines are ignored.
	ApplicationRequest	Send application request to OV instance that we have a linked session for. ## Remarks This functionality is only available in OV version 8.1A or newer, also the keyword is case insensitive. Some of the application request verbs are not supported by older releases of OV. If you make an application request that calls for user interaction and they fail to respond within five minutes then you will receive a session terminate event. Some valid requests are: • BuildNumber, returns the program build number. • Caption, returns the OV main window caption text. • ClearDirtyFlag, clears the sessions dirty flag so user will not be prompted to save current session on exit. • Close, closes the current emulation session.(Note the

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		current session linkage will terminate!) • CloseWorkspace, close the current workspace. (Note the current session linkage will terminate!) • LoadWorkspace filename, loads a new workspace.(Note current session linkage will terminate!) • SessionName, returns the emulation session name. • SessionFilename, returns the session filename. • Save, save the current session file • SaveAs, save the current session as the specified session file and changes the session name. • SaveWorkspace, save the current workspace file • SaveWorkspaceAs, save the current workspace as the specified workspace file and changes the workspace name. • SetIdInfo, id,val1,val2... Sets or resets the information for an id type in the id manager. Omit values to reset. • Version, returns the OutsideView version number. • WorkSpaceName, return the current workspace filename. • WorkstationMode, returns {Workstation, Enterprise, Supervisor} Depending on OV installation type and current operating mode.

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		• SimpleGUI, makes OV look like a simple window with the main toolbar, function key and shift function key tool bars • MinimalGUI, collapses OV to simple window with just a title bar. • NormalGUI, returns OV to it's default application look. • Maximize, Instructs OV to maximize it's window for display mode Tiled • Minimize, Instructs OV to minimize to the desktop toolbar area for display mode Tiled • ShowFunctionKeyToolBars, adds the function key and shift function key tool bars back after switching to MinimalGUI.
	BindComboBoxToFunctionKeyList(ComboBox) 117	Helper function to bind a list of function keys for the current terminal emulation to a ComboBox control. **Remarks** It is recommended that you use this after a host connection is up and running or the EmulationTypeActive event has occurred.
	BindComboBoxToFunctionKeyList(ComboBox, OvEmulationType) 118	Helper function to bind a list of function keys for the specified terminal emulation to a ComboBox control.

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		Remarks It is recommended that you use this after component initialization has taken place in your project.
	CreateObjRef	Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object. (Inherited from MarshalByRefObject.)
	CrtAttribute 119	Get the current video or field attribute bits from the specified position
	CrtCls 121	Request emulator clear screen or unprotected input fields for formatted screens
	CrtCopy 121	Copies data from the emulation screen to the default printer, the clipboard, or a disk file.
	CrtEmit 123	Simulate receiving data from the host via internal loop back function.
	CrtFieldSearch(Int32) 124	Search for logical fields on formated screens
	CrtFieldSearch(Int32, Boolean) 126	Search for logical fields on formated screens
	CrtFieldSearch(Int32, Boolean, OvDataFieldSelectType, Int32) 127	Search for logical fields on block mode screens
	CrtGet 128	Returns a string containing the characters read from the CRT emulation screen
	CrtPosition 130	Takes an emulation screen row/column address and converts it to a character cell position in the CRT image.

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	CrtQuery 131	Returns information about the current emulation settings.
	CrtSearch(Int32, Int32, String) 133	Searches for a text string in the CRT emulation screen, returning the index position of the string in the CRT image.
	CrtSearch(Int32, Int32, Boolean, String) 135	Searches for a text string in the CRT emulation screen, returning the cell position of the string in the CRT image.
	CrtSet 136	Inform the crt module for the value of an item
	CrtSetCursor 137	Positions the cursor on the emulation screen.
	CrtTrigger 139	Tell the crt module to perform an action
	CrtTypeSet 140	Queries the type of the current emulation, or changes to a new emulation.
	DataCaptureEnable 141	Enable capturing of emulation screen log data. Captures the same data that OV would record under the session capture tab with log incoming to file. This gives you a cleaner view of the host responses then the IoInput function as escape sequences and line control characters have been removed from the data stream.
	DataCaptureGetAndClear 142	This function returns the currently accumulated capture data and clears the buffer in one operation. This function is useful for capturing status or event messages that you might wish to act on from the host without having to figure out what is new data.

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		Remarks Depending on how the host buffers and sends it's data you might have part of the next message or two messages in one capture, so construct your logic appropriately! A suggestion is to use the data I/O event as a trigger to grab the latest data. Note you may not get any captured data as the I/O event might have been line handling characters or internal commands to the terminal emulation.
	Dispose	Releases all resources used by the Component. (Inherited from Component.)
	Emit 144	Sends string data to the I/O (communications) channel through the emulation module. The effect is the same as if the data were typed at the keyboard by a user.
	EmitBreak 145	Simulates the user pressing the Break key on the terminal keyboard.
	EmitFunctionKey(String) 147	Short cut for CrtTrigger("FUNCKEY","KeyName");
	EmitFunctionKey(TN3270FunctionKey) 148	EmitFunctionKey for IBM 3270 Emulator
	EmitFunctionKey(TN5250FunctionKey) 149	EmitFunctionKey for TN5250 Emulator
	EmitFunctionKey(TN6530FunctionKey) 151	EmitFunctionKey for Tandem Emulator
	EmitFunctionKey(TTYFunctionKey) 152	EmitFunctionKey for TTY Emulator

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	EmitFunctionKey(VT320FunctionKey) 154	EmitFunctionKey for VT320 Emulator
	EmitFunctionKey(Wyse50FunctionKey) 155	EmitFunctionKey for Wyse50 Emulator
	EmitVirtualKey 156	EmitVirtualKey for sending a Virtual Key as defined by KeyEventArgs value. This sends a single keystroke to the terminal session as if the user typed it on the keyboard. **Remarks** By using this functionality other attached automations will be notified via a FunctionKeyPressed event.
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	EventFlowControl 158	Enable or disable events. This function is used to suppress events that you may have subscribed too. This reduces the event processing overhead when it is no longer needed, but allows them to be turned back on when needed. **Remarks** Internally we use it for OutsideViews auto login functionality where we are interested in all events as we are

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		logging in, after reaching a logged in state we are only interested in a session event to signal that the host connection has gone away.
	EventFlowControlFunctionKeys 159	Enable or disable categories of function keys to generate FunctionKeyPressed events for. This function is used to suppress which keys generate events. This reduces the event processing overhead when it is not needed, but allows them to be turned back on when needed. **Remarks** By default you receive FunctionKeyPressed events for all categories except for cursor movement keys.
	FileTransferQuery 160	Query the File Transfer module for the value of an item
	FileTransferSet 161	Inform the File Transfer module for the value of an item
	FileTransferTrigger 162	Tell the File Transfer to perform an action
	FileTransferTypeSet 164	Set the type of active file transfer
	FunctionKeyPressedDone 165	This function must be called after receiving a FunctionKeyPressed event to signal OV to resume processing characters from the type ahead buffer. **Remarks**

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		Failure to call this function will result in the operator having a locked/dead keyboard!!!
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetLifetimeService	Retrieves the current lifetime service object that controls the lifetime policy for this instance. (Inherited from MarshalByRefObject.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	HotLinkToOv 167	Request component hot link to a already running instance of ov. Component will link to the first running instance of OV that it locates and the active terminal session.
	HotLinkToOv(IntPtr) 168	Request component hot link to a already running instance of ov.
	HotLinkToOv(String) 169	Using command line arguments, hot link to a already running instance of ov and a particular terminal window. When OutsideView starts a .NET executable; it passes on the command line the arguments needed for the executable to link to the correct terminal session. This member function scans the arguments for the correct ones and then initiates the link to OV.

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		If you get a true response the API is immediately usable, if false is returned you must wait for a valid event from the API before using the member functions of the API.
	HotLinkToOv(IntPtr, IntPtr) 171	Request component hot link to a already running instance of ov and a particular terminal window.
	InitializeLifetimeService	Obtains a lifetime service object to control the lifetime policy for this instance. (Inherited from MarshalByRefObject.)
	IoInput(Int32, Int32, Int32) 173	Request data from the raw I/O data channel
	IoInput(Int32, Int32, Int32, String) 174	Request data from the raw I/O data channel
	IoQuery 176	Query the I/O module for the value of an item
	IoSet 177	Inform the I/O module for the value of an item
	IoTrigger 178	Invokes the change to the I/O settings previously requested with an IoSet function, or requests a special action from the I/O module.
	IoTypeSet 179	Queries the type of the current I/O connection or changes to a new I/O connection type.
	NewTerminalSession 181	Request that OV allocate a new terminal session. Ov creates a new terminal session using the defaults as specified in the application settings. This new session is not connected automatically connected to host so you would generally config the I/O

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		settings and issue a connect command to start the new sessions host connection. **Remarks**
	ReleaseControl 182	Called to signal that a automation sequence is done performing actions with the emulation session, also releases the logic lock of the desktop keyboard.
	RequestControl 183	This function allows coordination of cooperative control between multiple automation users that are attached to the same emulation session. As a automation may need to perform actions on a series of screens, this allows it to signal when done with the emulation session. **Remarks** Note other users of the interface component are not locked out and if there are multiple users they should all first get control, before issuing commands that affect the emulation session. If you receive a KeyboardState Event or the CurrentKeyboardState changes to UserForcedUnlock the user has responded to an external application locked message with the override key ALT-U to unlock

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		their keyboard. The appropriate action in this case would be abort the current automation, prompt the user with a message box to click when they are done and after that notification return to an appropriate state and then release control of the session so other pending automations could proceed.
	ShutDown 184	The Shutdown statement shuts down (terminates) OutsideView.
	Terminate 185	Terminate usage of the .NET link
	ToString	Returns a String containing the name of the Component, if any. This method should not be overridden. (Inherited from Component.)
	WaitCrtCursor 186	Waits a specified amount of time for the cursor to be positioned at a specific CRT screen position.
	WaitCrtUnlock 188	The WaitCrtUnlock function waits a specified amount of time for the keyboard to unlock.
	WaitDCD 189	Waits for the Data Carrier Detect signal to go high in a specified time period.
	WaitKeystrokes 191	Waits a specified period of time for the specified number of keystrokes to be entered by the user.
	WaitSilent 192	The WaitSilent statement is used to wait for inactivity (idle) over the I/O connection.
	WaitString 193	Wait for host to send data string
	WaitTime 195	Wait for time period to expire

Top

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See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.1 AddUserTraceComment Method

OutsideView .NET Automation Interface Component

OvDotNetApiAddUserTraceComment Method

Adds the user defined trace comment to the current tracing method output.
This function is useful for the developer to add comments to the interactions with the api to document where problems may be occurring or various stages of operation. The comments will then be inserted into either a diagnostic trace with this component or an extended trace that Crystal Point may ask you to make.

Remarks

These comments will only be logged after an initial link has been established with OV. Be sure to set the application id property with an identifier for your project, especially when dealing with multiple terminal sessions inside of your application!!! Also blank lines are ignored.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 112
VB 112
C++
Copy 112

```
public void AddUserTraceComment(
 string text
)
Public Sub AddUserTraceComment (
 text As String
)
public:
void AddUserTraceComment(
 String^ text
)
```

Parameters

text

Type: SystemString

The text.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiApplicationId 58
OvDotNetApiOutputTraceMessages 86

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3.8.2.2 ApplicationRequest Method

OutsideView .NET Automation Interface Component

OvDotNetApiApplicationRequest Method

Send application request to OV instance that we have a linked session for.

Remarks

This functionality is only available in OV version 8.1A or newer, also the keyword is case insensitive. Some of the application request verbs are not supported by older releases of OV.

If you make an application request that calls for user interaction and they fail to respond within five minutes then you will receive a session terminate event.

Some valid requests are:

- BuildNumber, returns the program build number.
- Caption, returns the OV main window caption text.
- ClearDirtyFlag, clears the sessions dirty flag so user will not be prompted to save current session on exit.
- Close, closes the current emulation session.(Note the current session linkage will terminate!)
- CloseWorkspace, close the current workspace. (Note the current session linkage will terminate!)
- LoadWorkspace filename, loads a new workspace.(Note current session linkage will terminate!)
- SessionName, returns the emulation session name.
- SessionFilename, returns the session filename.
- Save, save the current session file
- SaveAs, save the current session as the specified session file and changes the session name.
- SaveWorkspace, save the current workspace file
- SaveWorkspaceAs, save the current workspace as the specified workspace file and changes the workspace name.
- SetIdInfo, id,val1,val2... Sets or resets the information for an id type in the id manager. Omit values to reset.
- Version, returns the OutsideView version number.
- WorkSpaceName, return the current workspace filename.
- WorkstationMode, returns {Workstation, Enterprise, Supervisor} Depending on OV installation type and current operating mode.
- SimpleGUI, makes OV look like a simple window with the main toolbar, function key and shift function key tool bars
- MinimalGUI, collapses OV to simple window with just a title bar.
- NormalGUI, returns OV to it's default application look.
- Maximize, Instructs OV to maximize it's window for display mode Tiled
- Minimize, Instructs OV to minimize to the desktop toolbar area for display mode Tiled
- ShowFunctionKeyToolBars, adds the function key and shift function key tool bars back after switching to MinimalGUI.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 113
VB 113
C++
Copy 113

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```
public string ApplicationRequest(
 string value
)
Public Function ApplicationRequest (
 value As String
) As String
public:
String^ ApplicationRequest(
 String^ value
)
```

Parameters

value

Type: SystemString

String Id for the application property to query or command to execute

Return Value

Type: String

Query data or error message of "Error:Unknown request or query!" if request is not understood. The response might also be "OK" or "ERROR" depending on the request issued.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.3 BindComboBoxToFunctionKeyList Method

OutsideView .NET Automation Interface Component

OvDotNetApiBindComboBoxToFunctionKeyList Method

Overload List

	Name	Description

	BindComboBoxToFunctionKeyList (ComboBox) 117	Helper function to bind a list of function keys for the current terminal emulation to a ComboBox control. **Remarks** It is recommended that you use this after a host connection is up and running or the EmulationTypeActive event has occurred.
	BindComboBoxToFunctionKeyList (ComboBox, OvEmulationType) 118	Helper function to bind a list of function keys for the specified terminal emulation to a ComboBox control. **Remarks** It is recommended that you use this after component initialization has taken place in your project.

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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OvDotNetApiBindComboBoxToFunctionKeyList Method (ComboBox)

Helper function to bind a list of function keys for the current terminal emulation to a ComboBox control.

Remarks

It is recommended that you use this after a host connection is up and running or the EmulationTypeActive event has occurred.

Namespace: OvDotNet

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C#
VB
C++
Copy

```
public bool BindComboBoxToFunctionKeyList(
 ComboBox ctrl
)
Public Function BindComboBoxToFunctionKeyList (
 ctrl As ComboBox
) As Boolean
public:
bool BindComboBoxToFunctionKeyList(
 ComboBox^ ctrl
)
```

Parameters

ctrl

Type: System.Windows.FormsComboBox

ComboBox to initialize with function key values for the current terminal emulation type.

Return Value

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Type: Boolean
true if the emulation type is known and the ComboBox is data bound to the list.

See Also

Reference
OvDotNetApi Class 44
BindComboBoxToFunctionKeyList Overload 115
OvDotNet Namespace 26
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BindComboBoxToFunctionKeyList Method (ComboBox, OvEmulationType)

OutsideView .NET Automation Interface Component

OvDotNetApiBindComboBoxToFunctionKeyList Method (ComboBox, OvEmulationType)

Helper function to bind a list of function keys for the specified terminal emulation to a ComboBox control.

Remarks

It is recommended that you use this after component initialization has taken place in your project.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 118
VB 118

C++
Copy 118
```
public bool BindComboBoxToFunctionKeyList(
 ComboBox ctrl,
 OvEmulationType emtype
)
Public Function BindComboBoxToFunctionKeyList (
 ctrl As ComboBox,
 emtype As OvEmulationType
) As Boolean
public:
bool BindComboBoxToFunctionKeyList(
 ComboBox^ ctrl,
 OvEmulationType emtype
)
```

Parameters

ctrl

Type: System.Windows.FormsComboBox

ComboBox to initialize with function key values for the specified terminal emulation type.

emtype

Type: OvDotNetOvEmulationType 212

Emulation type to initialize the combo box for

Return Value

Type: Boolean

true if the emulation type is known and the ComboBox is data bound to the list.

See Also

Reference

OvDotNetApi Class 44

BindComboBoxToFunctionKeyList Overload 115

OvDotNet Namespace 26

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3.8.2.4 CrtAttribute Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtAttribute Method

Get the current video or field attribute bits from the specified position

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 119
VB 119
C++
Copy 119

```
public OvFieldBitFlags CrtAttribute(
 int row,
 int column
)
Public Function CrtAttribute (
 row As Integer,
 column As Integer
) As OvFieldBitFlags
public:
virtual OvFieldBitFlags CrtAttribute(
 int row,
 int column
) sealed
```

Parameters

row

Type: SystemInt32

Row in the session display to check.

column

Type: SystemInt32

Column in the session display to check.

Return Value

Type: OvFieldBitFlags 218

Indicates the type of data field at the coordinates.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.5 CrtCls Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtCls Method

Request emulator clear screen or unprotected input fields for formatted screens

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 121
VB 121
C++
Copy 12

```
public void CrtCls()
Public Sub CrtCls
public:
virtual void CrtCls() sealed
```

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.6 CrtCopy Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtCopy Method

Copies data from the emulation screen to the default printer, the clipboard, or a disk file.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 121
VB 121
C++
Copy 121

```
public int CrtCopy(
 int startCell,
 int endCell,
 bool blockFlag,
 string destination
)
Public Function CrtCopy (
 startCell As Integer,
 endCell As Integer,
 blockFlag As Boolean,
 destination As String
) As Integer
public:
virtual int CrtCopy(
 int startCell,
 int endCell,
 bool blockFlag,
 String^ destination
) sealed
```

Parameters

startCell

Type: SystemInt32

Beginning cell position in the CRT image where copying is to begin.

endCell

Type: SystemInt32

Ending cell position in the CRT image where copying is to end.

blockFlag

Type: SystemBoolean

If true then block region selection

destination

Type: SystemString

Letter P=Printer, Letter C=Clipboard, longer string is assumed to be a filename.

Return Value

Type: Int32

Number of characters copied to the destination

See Also

Reference

OvDotNetApi Class 44

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3.8.2.7 CrtEmit Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtEmit Method

Simulate receiving data from the host via internal loop back function.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 123
VB 123
C++
Copy 123

```
public void CrtEmit(
 string simHostData
)
Public Sub CrtEmit (
 simHostData As String
)
public:
virtual void CrtEmit(
 String^ simHostData
) sealed
```

Parameters

simHostData
Type: SystemString
Text to loop back send via the CRT's input channel

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.2.8 CrtFieldSearch Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtFieldSearch Method

Overload List

	Name	Description
	CrtFieldSearch(Int32) 124	Search for logical fields on formated screens
	CrtFieldSearch(Int32, Boolean) 126	Search for logical fields on formated screens
	CrtFieldSearch(Int32, Boolean, OvDataFieldSelectType, Int32) 127	Search for logical fields on block mode screens

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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CrtFieldSearch Method (Int32)

OutsideView .NET Automation Interface Component

OvDotNetApiCrtFieldSearch Method (Int32)

Search for logical fields on formated screens
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 124
VB 124
C++
Copy 124

```
public int CrtFieldSearch(
 int fieldNum
)
Public Function CrtFieldSearch (
 fieldNum As Integer
) As Integer
public:
virtual int CrtFieldSearch(
 int fieldNum
) sealed
```

Parameters

fieldNum

Type: SystemInt32
index of field to search for

Return Value

Type: Int32
Screen index of field starting position

See Also

Reference

OvDotNetApi Class 44
CrtFieldSearch Overload 124
OvDotNet Namespace 26

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OvDotNetApiCrtFieldSearch Method (Int32, Boolean)

Search for logical fields on formated screens

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 126
VB 126
C++
Copy 126

```
public int CrtFieldSearch(
 int fieldNum,
 bool endOfField
)
Public Function CrtFieldSearch (
 fieldNum As Integer,
 endOfField As Boolean
) As Integer
public:
virtual int CrtFieldSearch(
 int fieldNum,
 bool endOfField
) sealed
```

Parameters

fieldNum

Type: SystemInt32

index of field to search for

endOfField

Type: SystemBoolean

if true return end of field position

Return Value

Type: Int32

Screen index of starting or ending position of the screen based on endOfField flag

See Also

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Reference
OvDotNetApi Class 44
CrtFieldSearch Overload 124
OvDotNet Namespace 26
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CrtFieldSearch Method (Int32, Boolean, OvDataFieldSelectType, Int32)

OutsideView .NET Automation Interface Component

OvDotNetApiCrtFieldSearch Method (Int32, Boolean, OvDataFieldSelectType, Int32)

Search for logical fields on block mode screens
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 127
VB 127
C++
Copy 127

```
public int CrtFieldSearch(
 int fieldNum,
 bool endOfField,
 OvDataFieldSelectType fieldType,
 int extfieldType
)
Public Function CrtFieldSearch (
 fieldNum As Integer,
 endOfField As Boolean,
 fieldType As OvDataFieldSelectType,
 extfieldType As Integer
) As Integer
public:
virtual int CrtFieldSearch(
 int fieldNum,
```

```
 bool endOfField,
 OvDataFieldSelectType fieldType,
 int extfieldType
) sealed
```

Parameters

fieldNum

Type: SystemInt32

index of field to search for

endOfField

Type: SystemBoolean

if true return end of field position

fieldType

Type: OvDotNetOvDataFieldSelectType 41

type of field we are interested in

extfieldType

Type: SystemInt32

if non zero look a emulation unique field type

Return Value

Type: Int32

Screen index of starting or ending position of the screen based on endOfField flag

See Also

Reference

OvDotNetApi Class 44

CrtFieldSearch Overload 124

OvDotNet Namespace 26

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3.8.2.9 CrtGet Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtGet Method

Returns a string containing the characters read from the CRT emulation screen

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 128
VB 128
C++
Copy 128

```
public string CrtGet(
 int row,
 int column,
 int count
)
Public Function CrtGet (
 row As Integer,
 column As Integer,
 count As Integer
) As String
public:
virtual String^ CrtGet(
 int row,
 int column,
 int count
) sealed
```

Parameters

row

Type: SystemInt32

The emulation screen row to start reading from. The first (top) row on the screen is zero.

column

Type: SystemInt32

The emulation screen column to start reading from. The first (left) column on the screen is zero.

count

Type: SystemInt32

The number of characters (cells) to read from the emulation screen.

Return Value

Type: String

Text from the specified area of the screen

Remarks

If count extends beyond the end of a screen row, a CR-LF combination indicates the end of a row, and any spaces between the last printing character and the end-of-row CR-LF are removed.

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See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.10 CrtPosition Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtPosition Method

Takes an emulation screen row/column address and converts it to a character cell position in the CRT image.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 130
VB 130
C++
Copy 130

```
public int CrtPosition(
 int row,
 int column
)
Public Function CrtPosition (
 row As Integer,
 column As Integer
) As Integer
public:
virtual int CrtPosition(
 int row,
 int column
) sealed
```

Parameters

row

Type: SystemInt32

The emulation screen row position. The first (top) row on the screen is zero.

column

Type: SystemInt32

The emulation screen column position. The first (left) column on the screen is zero.

Return Value

Type: Int32

return value will be –1 if the position specified by row and column is outside of the emulation's visual view port. Otherwise, return_value will return the cell position in the CRT image. The first cell on the screen (upper left corner) is zero.

Remarks

The CRT image is basically a single string of character cells that wrap to fill the emulation screen display. For example, a 24 row by 80 column display is treated as a 1920-character string. Cell numbering starts with zero in the upper-left corner of the screen. The CrtPosition function determines the cell position in the CRT image.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.11 CrtQuery Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtQuery Method

Returns information about the current emulation settings.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 131
VB 131
C++
Copy 131

```
public string CrtQuery(
 string itemId
)
Public Function CrtQuery (
 itemId As String
) As String
public:
virtual String^ CrtQuery(
 String^ itemId
) sealed
```

Parameters

itemId

Type: SystemString

A string specifying the type of query to perform.

Return Value

Type: String

will return a zero length string if the item argument was invalid; otherwise, it will return a string containing the requested information. When multiple items (lines) of information is returned, each item is separated by a CR-LF combination.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.12 CrtSearch Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtSearch Method

Overload List

	Name	Description
	CrtSearch(Int32, Int32, String) 133	Searches for a text string in the CRT emulation screen, returning the index position of the string in the CRT image.
	CrtSearch(Int32, Int32, Boolean, String) 135	Searches for a text string in the CRT emulation screen, returning the cell position of the string in the CRT image.

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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CrtSearch Method (Int32, Int32, String)

OutsideView .NET Automation Interface Component

OvDotNetApiCrtSearch Method (Int32, Int32, String)

Searches for a text string in the CRT emulation screen, returning the index position of the string in the CRT image.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 133

VB 133
C++
Copy 133

```
public int CrtSearch(
 int row,
 int column,
 string searchString
)
Public Function CrtSearch (
 row As Integer,
 column As Integer,
 searchString As String
) As Integer
public:
virtual int CrtSearch(
 int row,
 int column,
 String^ searchString
) sealed
```

Parameters

row

Type: SystemInt32

The row position in the CRT emulation screen to begin the search. The first (top) row on the screen is zero.

column

Type: SystemInt32

The column position in the CRT emulation screen to begin the search. The first (left) column on the screen is zero.

searchString

Type: SystemString

The text string to search for.

Return Value

Type: Int32

will return a value of –1 if no match was found. Otherwise, the return_value will be the CRT image cell value of the first encountered match. The first cell on the emulation screen (upper left corner) is zero.

See Also

Reference

OvDotNetApi Class 44
CrtSearch Overload 132
OvDotNet Namespace 26

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OvDotNetApiCrtSearch Method (Int32, Int32, Boolean, String)

Searches for a text string in the CRT emulation screen, returning the cell position of the string in the CRT image.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 135
VB 135
C++
Copy 135

```
public int CrtSearch(
 int row,
 int column,
 bool ignoreCase,
 string searchString
)
Public Function CrtSearch (
 row As Integer,
 column As Integer,
 ignoreCase As Boolean,
 searchString As String
) As Integer
public:
virtual int CrtSearch(
 int row,
 int column,
 bool ignoreCase,
 String^ searchString
) sealed
```

Parameters

row

Type: SystemInt32

The row position in the CRT emulation screen to begin the search. The first (top) row on the screen is zero.

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column
Type: SystemInt32
The column position in the CRT emulation screen to begin the search. The first (left) column on the screen is zero.
ignoreCase
Type: SystemBoolean
If true then ignore case of text
searchString
Type: SystemString
The text string to search for.

Return Value
Type: Int32
will return a value of –1 if no match was found. Otherwise, the return_value will be the CRT image cell value of the first encountered match. The first cell on the emulation screen (upper left corner) is zero.

See Also

Reference
OvDotNetApi Class 44
CrtSearch Overload 132
OvDotNet Namespace 26
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3.8.2.13 CrtSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtSet Method

Inform the crt module for the value of an item
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 136
VB 136
C++
Copy 136

```
public string CrtSet(
 string itemId,
 string value
)
Public Function CrtSet (
 itemId As String,
 value As String
) As String
public:
virtual String^ CrtSet(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the item to set

value

Type: SystemString

Value of the item to set

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.14 CrtSetCursor Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtSetCursor Method

Positions the cursor on the emulation screen.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 137
VB 137
C++
Copy 137

```
public int CrtSetCursor(
 int row,
 int column
)
Public Function CrtSetCursor (
 row As Integer,
 column As Integer
) As Integer
public:
virtual int CrtSetCursor(
 int row,
 int column
) sealed
```

Parameters

row

Type: SystemInt32

The row position on the emulation screen to position the cursor. The first (top) row on the screen is zero. A value of -1 leaves the cursor in the current row.

column

Type: SystemInt32

The column position on the emulation screen to position the cursor. The first (left) column on the screen is zero. A value of -1 leaves the cursor in the current column.

Return Value

Type: Int32

index position in the CRT image of the specified row and column screen position. If the cell position is outside of the visible area of the emulation screen, a -1 is returned.

Remarks

Note depending on the emulation mode in effect the actual cursor may wind up else where; generally the next valid input position. Under the 3270 or 5250 you can position the cursor outside of a input field, then if you send data you will go into a keyboard error state.

See Also

Reference

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OvDotNet Namespace 26
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3.8.2.15 CrtTrigger Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtTrigger Method

Tell the crt module to perform an action
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 139
VB 139
C++
Copy 139

```
public string CrtTrigger(
 string itemId,
 string value
)
Public Function CrtTrigger (
 itemId As String,
 value As String
) As String
public:
virtual String^ CrtTrigger(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId
Type: SystemString
Text tag of the action to perform

value
Type: SystemString
Action value

Return Value

Type: String
Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.2.16 CrtTypeSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiCrtTypeSet Method

Queries the type of the current emulation, or changes to a new emulation.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 140
VB 140
C++
Copy 140

```
public string CrtTypeSet(
 string itemId
)
Public Function CrtTypeSet (
 itemId As String
) As String
public:
virtual String^ CrtTypeSet(
 String^ itemId
) sealed
```

Parameters

itemId
Type: SystemString
If blank, queries the current emulation type.

Return Value
Type: String
containing the name of the current or set emulation.

Remarks
If the requested emulation change could not be performed, CrtTypeSet will return null and the previous emulation type will remain in effect.
Also note that when changing the emulation type the link to OV will be automatically terminated!!! It is suggested to wait one second for the interface to stabilize before reattaching to the OV Session.
To prepare to reattach to the session save the values of OvWindowHandle and TerminalWindowHandle prior to changing the type. Afterwards use the HotLinkToOv command with these values to reattach to the session.

See Also
Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiOvWindowHandle 88
OvDotNetApiTerminalWindowHandle 95
OvDotNetApiHotLinkToOv(IntPtr, IntPtr) 171
OvDotNetApiIoTypeSet(String) 179
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3.8.2.17 DataCaptureEnable Method
OutsideView .NET Automation Interface Component

OvDotNetApiDataCaptureEnable Method

Enable capturing of emulation screen log data. Captures the same data that OV would record under the session capture tab with log incoming to file.

This gives you a cleaner view of the host responses then the IoInput function as escape sequences and line control characters have been removed from the data stream.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 141
VB 141
C++
Copy 141

```
public void DataCaptureEnable(
 bool enableMask
)
Public Sub DataCaptureEnable (
 enableMask As Boolean
)
public:
void DataCaptureEnable(
 bool enableMask
)
```

Parameters

enableMask

Type: SystemBoolean
true if to enable

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.18 DataCaptureGetAndClear Method

OutsideView .NET Automation Interface Component

OvDotNetApiDataCaptureGetAndClear Method

This function returns the currently accumulated capture data and clears the buffer in one operation.
This function is useful for capturing status or event messages that you might wish to act on from the host without having to figure out what is new data.

Remarks

Depending on how the host buffers and sends it's data you might have part of the next message or two messages in one capture, so construct your logic appropriately!
A suggestion is to use the data I/O event as a trigger to grab the latest data.
Note you may not get any captured data as the I/O event might have been line handling characters or internal commands to the terminal emulation.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 142
VB 142
C++
Copy 142

```
public string DataCaptureGetAndClear()
Public Function DataCaptureGetAndClear As String
public:
String^ DataCaptureGetAndClear()
```

Return Value

Type: String
Currently accumulated data

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.19 Emit Method

OutsideView .NET Automation Interface Component

OvDotNetApiEmit Method

Sends string data to the I/O (communications) channel through the emulation module. The effect is the same as if the data were typed at the keyboard by a user.

Namespace: OvDotNet

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C#
VB
C++
Copy

```
public void Emit(
 string keyboardOutput
)
Public Sub Emit (
 keyboardOutput As String
)
public:
virtual void Emit(
 String^ keyboardOutput
) sealed
```

Parameters

keyboardOutput

Type: SystemString

Text to send via the logical keyboard channel

Remarks

Note this function differs in functionality from the same statement in VCBasic, in VCBasic you could provide numeric variables and it did automatic conversion to a string. In this function you must have your data in a string format. If the terminal emulation is non-conversational (i.e., Tandem block mode or 3270), it will accept and act on the emitted data according to its rules and current screen formatting.

See Also

Reference

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3.8.2.20 EmitBreak Method

OutsideView .NET Automation Interface Component

OvDotNetApiEmitBreak Method

Simulates the user pressing the Break key on the terminal keyboard.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 145
VB 145
C++
Copy 145

```
public void EmitBreak()
Public Sub EmitBreak
public:
virtual void EmitBreak() sealed
```

Remarks

EmitBrk is typically used to abort screen data output from the host, or to wake up a stalled process.

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.2.21 EmitFunctionKey Method

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method

Overload List

	Name	Description
	EmitFunctionKey(String) 147	Short cut for CrtTrigger("FUNCKEY","KeyName");
	EmitFunctionKey(TN3270FunctionKey) 148	EmitFunctionKey for IBM 3270 Emulator
	EmitFunctionKey(TN5250FunctionKey) 149	EmitFunctionKey for TN5250 Emulator
	EmitFunctionKey(TN6530FunctionKey) 151	EmitFunctionKey for Tandem Emulator
	EmitFunctionKey(TTYFunctionKey) 152	EmitFunctionKey for TTY Emulator
	EmitFunctionKey(VT320FunctionKey) 154	EmitFunctionKey for VT320 Emulator
	EmitFunctionKey(Wyse50FunctionKey) 155	EmitFunctionKey for Wyse50 Emulator

Top

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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EmitFunctionKey Method (String)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (String)

Short cut for CrtTrigger("FUNCKEY","KeyName");
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 147
VB 147
C++
Copy 147

```
public bool EmitFunctionKey(
 string key
)
Public Function EmitFunctionKey (
 key As String
) As Boolean
public:
bool EmitFunctionKey(
 String^ key
)
```

Parameters

key
Type: SystemString
Text description of the function key; to send as a CrtTrigger("FUNCKEY",key) command to the emulator.

Return Value

Type: Boolean
true if emulation accepted the key

Remarks

A false return status more and likely means you, you have not provided the function key value.>

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Examples

ovApi.EmitFunctionKey("F1");

See Also

Reference

OvDotNetApi Class 44
EmitFunctionKey Overload 146
OvDotNet Namespace 26

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EmitFunctionKey Method (TN3270FunctionKey)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (TN3270FunctionKey)

EmitFunctionKey for IBM 3270 Emulator

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 148
VB 148
C++
Copy 148

```
public bool EmitFunctionKey(
 TN3270FunctionKey key
)
Public Function EmitFunctionKey (
 key As TN3270FunctionKey
) As Boolean
public:
```

```
bool EmitFunctionKey(
 TN3270FunctionKey key
)
```

Parameters

key

Type: OvDotNetTN3270FunctionKey 277

TN3270FunctionKey Enum value to send

Return Value

Type: Boolean

true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

Examples

ovApi.EmitFunctionKey(TN3270FunctionKey.PF1);

See Also

Reference

OvDotNetApi Class 44

EmitFunctionKey Overload 146

OvDotNet Namespace 26

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EmitFunctionKey Method (TN5250FunctionKey)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (TN5250FunctionKey)

EmitFunctionKey for TN5250 Emulator
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 149
VB 149
C++
Copy 149

```
public bool EmitFunctionKey(
 TN5250FunctionKey key
)
Public Function EmitFunctionKey (
 key As TN5250FunctionKey
) As Boolean
public:
bool EmitFunctionKey(
 TN5250FunctionKey key
)
```

Parameters

key
Type: OvDotNetTN5250FunctionKey 278
TN5250FunctionKey Enum value to send

Return Value

Type: Boolean
true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

Examples

ovApi.EmitFunctionKey(TN5250FunctionKey.PF1);

See Also

Reference

OvDotNetApi Class 44
EmitFunctionKey Overload 146

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EmitFunctionKey Method (TN6530FunctionKey)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (TN6530FunctionKey)

EmitFunctionKey for Tandem Emulator
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 151
VB 151
C++
Copy 151
```
public bool EmitFunctionKey(
 TN6530FunctionKey key
)
Public Function EmitFunctionKey (
 key As TN6530FunctionKey
) As Boolean
public:
bool EmitFunctionKey(
 TN6530FunctionKey key
)
```

Parameters

key
Type: OvDotNetTN6530FunctionKey 279
TN6530FunctionKey Enum value to send

Return Value

Type: Boolean
true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

Examples

ovApi.EmitFunctionKey(TN6530FunctionKey.F1);

See Also

Reference

OvDotNetApi Class 44
EmitFunctionKey Overload 146
OvDotNet Namespace 26

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EmitFunctionKey Method (TTYFunctionKey)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (TTYFunctionKey)

EmitFunctionKey for TTY Emulator

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 152
VB 152
C++
Copy 152

```
public bool EmitFunctionKey(
 TTYFunctionKey key
)
```

```
Public Function EmitFunctionKey (
 key As TTYFunctionKey
) As Boolean
public:
bool EmitFunctionKey(
 TTYFunctionKey key
)
```

Parameters

key

Type: OvDotNetTTYFunctionKey 280

TTYFunctionKey Enum value to send

Return Value

Type: Boolean

true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

Examples

ovApi.EmitFunctionKey(TTYFunctionKey.Enter);

See Also

Reference

OvDotNetApi Class 44

EmitFunctionKey Overload 146

OvDotNet Namespace 26

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OvDotNetApiEmitFunctionKey Method (VT320FunctionKey)

EmitFunctionKey for VT320 Emulator

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 154
VB 154
C++
Copy 154

```
public bool EmitFunctionKey(
 VT320FunctionKey key
)
Public Function EmitFunctionKey (
 key As VT320FunctionKey
) As Boolean
public:
bool EmitFunctionKey(
 VT320FunctionKey key
)
```

Parameters

key

Type: OvDotNetVT320FunctionKey 324
VT320FunctionKey Enum value to send

Return Value

Type: Boolean
true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

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Examples

ovApi.EmitFunctionKey(VT320FunctionKey.F1);

See Also

Reference

OvDotNetApi Class 44
EmitFunctionKey Overload 146
OvDotNet Namespace 26

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EmitFunctionKey Method (Wyse50FunctionKey)

OutsideView .NET Automation Interface Component

OvDotNetApiEmitFunctionKey Method (Wyse50FunctionKey)

EmitFunctionKey for Wyse50 Emulator

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 155
VB 155
C++
Copy 155

```
public bool EmitFunctionKey(
 Wyse50FunctionKey key
)
Public Function EmitFunctionKey (
 key As Wyse50FunctionKey
) As Boolean
public:
```

```
bool EmitFunctionKey(
 Wyse50FunctionKey key
)
```

Parameters

key

Type: OvDotNetWyse50FunctionKey 325

Wyse50FunctionKey Enum value to send

Return Value

Type: Boolean

true if the emulation accepted the key

Remarks

A false return status more and likely means you have mismatch between the type of the function your are sending and the emulation in use.>

Examples

ovApi.EmitFunctionKey(Wyse50FunctionKey.F1);

See Also

Reference

OvDotNetApi Class 44

EmitFunctionKey Overload 146

OvDotNet Namespace 26

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3.8.2.22 EmitVirtualKey Method

OutsideView .NET Automation Interface Component

OvDotNetApiEmitVirtualKey Method

EmitVirtualKey for sending a Virtual Key as defined by KeyEventArgs value.

This sends a single keystroke to the terminal session as if the user typed it on the keyboard.

Remarks

By using this functionality other attached automations will be notified via a FunctionKeyPressed event.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 156
VB 156
C++
Copy 156

```
public void EmitVirtualKey(
 KeyEventArgs key
)
Public Sub EmitVirtualKey (
 key As KeyEventArgs
)
public:
void EmitVirtualKey(
 KeyEventArgs^ key
)
```

Parameters

key

Type: System.Windows.FormsKeyEventArgs
Virtual key encoded as KeyEventArgs

Examples

```
ovApi.EmitVirtualKey(new KeyEventArgs(Keys.F7 | Keys.Shift | Keys.Alt));
```

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiFunctionKeyPressed 204

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3.8.2.23 EventFlowControl Method

OutsideView .NET Automation Interface Component

OvDotNetApiEventFlowControl Method

Enable or disable events.

This function is used to suppress events that you may have subscribed too.

This reduces the event processing overhead when it is no longer needed, but allows them to be turned back on when needed.

Remarks

Internally we use it for OutsideViews auto login functionality where we are interested in all events as we are logging in, after reaching a logged in state we are only interested in a session event to signal that the host connection has gone away.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 158
VB 158
C++
Copy 158

```
public void EventFlowControl(
 OvEventMask enable
)
Public Sub EventFlowControl (
 enable As OvEventMask
)
public:
virtual void EventFlowControl(
 OvEventMask enable
) sealed
```

Parameters

enable

Type: OvDotNetOvEventMask 217

Events to enable/suppress

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See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetOvEventMask 217

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3.8.2.24 EventFlowControlFunctionKeys Method

OutsideView .NET Automation Interface Component

OvDotNetApiEventFlowControlFunctionKeys Method

Enable or disable categories of function keys to generate FunctionKeyPressed events for.

This function is used to suppress which keys generate events.

This reduces the event processing overhead when it is not needed, but allows them to be turned back on when needed.

Remarks

By default you receive FunctionKeyPressed events for all categories except for cursor movement keys.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 159
VB 159
C++
Copy 159

```
public void EventFlowControlFunctionKeys(
 OvFunctionKeyPressedEventMask enableMask
)
Public Sub EventFlowControlFunctionKeys (
```

```
 enableMask As OvFunctionKeyPressedEventMask
)
public:
void EventFlowControlFunctionKeys(
 OvFunctionKeyPressedEventMask enableMask
)
```

Parameters

enableMask

Type: OvDotNetOvFunctionKeyPressedEventMask 236

Key categories to enable/suppress

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

OvDotNetOvFunctionKeyPressedEventMask 236

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3.8.2.25 FileTransferQuery Method

OutsideView .NET Automation Interface Component

OvDotNetApiFileTransferQuery Method

Query the File Transfer module for the value of an item

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 160
VB 160
C++
Copy 160

```
public string FileTransferQuery(
 string itemId
)
Public Function FileTransferQuery (
 itemId As String
) As String
```

```
public:
virtual String^ FileTransferQuery(
 String^ itemId
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the item to query

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.26 FileTransferSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiFileTransferSet Method

Inform the File Transfer module for the value of an item

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 161
VB 161
C++
Copy 161

```
public string FileTransferSet(
 string itemId,
 string value
)
```

```
Public Function FileTransferSet (
 itemId As String,
 value As String
) As String
public:
virtual String^ FileTransferSet(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the item to set

value

Type: SystemString

Value of the item to set

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.27 FileTransferTrigger Method

OutsideView .NET Automation Interface Component

OvDotNetApiFileTransferTrigger Method

Tell the File Transfer to perform an action

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 162
VB 162
C++
Copy 162

```
public string FileTransferTrigger(
 string itemId,
 string value
)
Public Function FileTransferTrigger (
 itemId As String,
 value As String
) As String
public:
virtual String^ FileTransferTrigger(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId

Type: SystemString
Text tag of the action to perform

value

Type: SystemString
Action value

Return Value

Type: String
Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.28 FileTransferTypeSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiFileTransferTypeSet Method

Set the type of active file transfer

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 164
VB 164
C++
Copy 164

```
public string FileTransferTypeSet(
 string itemId
)
Public Function FileTransferTypeSet (
 itemId As String
) As String
public:
virtual String^ FileTransferTypeSet(
 String^ itemId
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the type to set

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.29 FunctionKeyPressedDone Method

OutsideView .NET Automation Interface Component

OvDotNetApiFunctionKeyPressedDone Method

This function must be called after receiving a FunctionKeyPressed event to signal OV to resume processing characters from the type ahead buffer.

Remarks

Failure to call this function will result in the operator having a locked/dead keyboard!!!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 165
VB 165
C++
Copy 165

```
public void FunctionKeyPressedDone(
 KeyEventArgs e
)
Public Sub FunctionKeyPressedDone (
 e As KeyEventArgs
)
public:
void FunctionKeyPressedDone(
 KeyEventArgs^ e
)
```

Parameters

e

Type: System.Windows.FormsKeyEventArgs

The KeyEventArgs instance containing the event data, set handled property if you wish to not have OV execute the key.

See Also

Reference

OvDotNetApi Class 44

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OvDotNet Namespace 26
OvDotNetApiFunctionKeyPressed 204
OvDotNetApiRequestControl(Boolean) 183
OvDotNetApiReleaseControl 182
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3.8.2.30 HotLinkToOv Method

OutsideView .NET Automation Interface Component

OvDotNetApiHotLinkToOv Method

Overload List

	Name	Description
	HotLinkToOv 167	Request component hot link to a already running instance of ov. Component will link to the first running instance of OV that it locates and the active terminal session.
	HotLinkToOv(IntPtr) 168	Request component hot link to a already running instance of ov.
	HotLinkToOv(String) 169	Using command line arguments, hot link to a already running instance of ov and a particular terminal window. When OutsideView starts a .NET executable; it passes on the command line the arguments needed for the executable to link to the correct terminal session. This member function

		scans the arguments for the correct ones and then initiates the link to OV. ## Remarks If you get a true response the API is immediately usable, if false is returned you must wait for a valid event from the API before using the member functions of the API.
	HotLinkToOv(IntPtr, IntPtr) 171	Request component hot link to a already running instance of ov and a particular terminal window.

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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HotLinkToOv Method

OutsideView .NET Automation Interface Component

OvDotNetApiHotLinkToOv Method

Request component hot link to a already running instance of ov. Component will link to the first running instance of OV that it locates and the active terminal session.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 167
VB 167
C++
Copy 167

```
public void HotLinkToOv()
Public Sub HotLinkToOv
public:
void HotLinkToOv()
```

See Also

Reference

OvDotNetApi Class 44
HotLinkToOv Overload 166
OvDotNet Namespace 26

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HotLinkToOv Method (IntPtr)

OutsideView .NET Automation Interface Component

OvDotNetApiHotLinkToOv Method (IntPtr)

Request component hot link to a already running instance of ov.
Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 168
VB 168
C++
Copy 168

```
public bool HotLinkToOv(
 IntPtr ovHandle
)
Public Function HotLinkToOv (
```

```
 ovHandle As IntPtr
) As Boolean
public:
bool HotLinkToOv(
 IntPtr ovHandle
)
```

Parameters

ovHandle

Type: SystemIntPtr

Windows handle of the OV instance to link too.

Return Value

Type: Boolean

true if successfully linked

Remarks

If you get a true response the API is immediately usable, if false is returned you must wait for a valid event from the API before using the member functions of the API.

See Also

Reference

OvDotNetApi Class 44

HotLinkToOv Overload 166

OvDotNet Namespace 26

OvDotNetApiOvWindowHandles 89

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HotLinkToOv Method (String[])

OutsideView .NET Automation Interface Component

OvDotNetApiHotLinkToOv Method (String)

Using command line arguments, hot link to a already running instance of ov and a particular terminal window.

When OutsideView starts a .NET executable; it passes on the command line the arguments needed for the executable to link to the correct terminal session. This member function scans the arguments for the correct ones and then initiates the link to OV.

Remarks

If you get a true response the API is immediately usable, if false is returned you must wait for a valid event from the API before using the member functions of the API.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 169
VB 169
C++
Copy 169

```
public bool HotLinkToOv(
 string[] args
)
Public Function HotLinkToOv (
 args As String()
) As Boolean
public:
bool HotLinkToOv(
 array<String^>^ args
)
```

Parameters

args

Type: SystemString
command line arguments

Return Value

Type: Boolean
true if successfully linked

Exceptions

Exception	Condition
ArgumentException	Is thrown when the passed argument array is missing the required command parameters.

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Examples

ovApi.HotLinkToOV(Environment.GetCommandLineArgs());

See Also

Reference

OvDotNetApi Class 44
HotLinkToOv Overload 166
OvDotNet Namespace 26

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HotLinkToOv Method (IntPtr, IntPtr)

OutsideView .NET Automation Interface Component

OvDotNetApiHotLinkToOv Method (IntPtr, IntPtr)

Request component hot link to a already running instance of ov and a particular terminal window.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 171
VB 171
C++
Copy 171

```
public bool HotLinkToOv(
 IntPtr ovHandle,
 IntPtr sessHandle
)
Public Function HotLinkToOv (
 ovHandle As IntPtr,
 sessHandle As IntPtr
) As Boolean
public:
```

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```
bool HotLinkToOv(
 IntPtr ovHandle,
 IntPtr sessHandle
)
```

Parameters

ovHandle

Type: SystemIntPtr

Windows handle of the OV instance to link too.

sessHandle

Type: SystemIntPtr

Windows handle of the host terminal session to attach too.

Return Value

Type: Boolean

true if successfully linked

Remarks

If you get a true response the API is immediately usable, if false is returned you must wait for a valid event or status from the API before using the member functions of the API.

See Also

Reference

OvDotNetApi Class 44

HotLinkToOv Overload 166

OvDotNet Namespace 26

OvDotNetApiOvWindowHandles 89

OvDotNetApiTerminalWindowHandles 96

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3.8.2.31 IoInput Method

OutsideView .NET Automation Interface Component

OvDotNetApiIoInput Method

Overload List

	Name	Description
	IoInput(Int32, Int32, Int32) 173	Request data from the raw I/O data channel
	IoInput(Int32, Int32, Int32, String) 174	Request data from the raw I/O data channel

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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IoInput Method (Int32, Int32, Int32)

OutsideView .NET Automation Interface Component

OvDotNetApiIoInput Method (Int32, Int32, Int32)

Request data from the raw I/O data channel

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 173
VB 173
C++
Copy 173

```
public string IoInput(
 int timeOut,
 int maxCount,
 int flags
)
Public Function IoInput (
 timeOut As Integer,
 maxCount As Integer,
```

```
 flags As Integer
) As String
public:
virtual String^ IoInput(
 int timeOut,
 int maxCount,
 int flags
) sealed
```

Parameters

timeOut

Type: SystemInt32

Timeout in 1/100ths of a second

maxCount

Type: SystemInt32

Specifies the number of characters to receive before ending the IoInput function. The maximum value is 65536.

flags

Type: SystemInt32

tbd

Return Value

Type: String

returns the raw data received from the I/O module.

See Also

Reference

OvDotNetApi Class 44

IoInput Overload 172

OvDotNet Namespace 26

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IoInput Method (Int32, Int32, Int32, String)

OutsideView .NET Automation Interface Component

OvDotNetApiIoInput Method (Int32, Int32, Int32, String)

Request data from the raw I/O data channel

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 174
VB 174
C++
Copy 174

```
public string IoInput(
 int timeOut,
 int maxCount,
 int flags,
 string termString
)
Public Function IoInput (
 timeOut As Integer,
 maxCount As Integer,
 flags As Integer,
 termString As String
) As String
public:
virtual String^ IoInput(
 int timeOut,
 int maxCount,
 int flags,
 String^ termString
) sealed
```

Parameters

timeOut

Type: SystemInt32

Timeout in 1/100ths of a second

maxCount

Type: SystemInt32

Specifies the number of characters to receive before ending the IoInput function. The maximum value is 65536.

flags

Type: SystemInt32

tbd

termString

Type: SystemString

Special termination string to match against. If not defined the default termination characters are either CR or LF.

Return Value

Type: String

returns the raw data received from the I/O module.

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See Also

Reference

OvDotNetApi Class 44
IoInput Overload 172
OvDotNet Namespace 26

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3.8.2.32 IoQuery Method

OutsideView .NET Automation Interface Component

OvDotNetApiIoQuery Method

Query the I/O module for the value of an item

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 176
VB 176
C++
Copy 176

```
public string IoQuery(
 string itemId
)
Public Function IoQuery (
 itemId As String
) As String
public:
virtual String^ IoQuery(
 String^ itemId
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the item to query

Return Value

Type: String
Result of the requested operation.

Remarks

A query value of asterisk "*" returns all the current settings and valid text tags for the I/O method. Note: The SSH I/O method is a multipurpose driver and the tags will change according to the mode.
A query value of a single back slash which you more and likely have to code as "\\" returns a list of commands that can be used with the IoTrigger command.

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.2.33 IoSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiIoSet Method

Inform the I/O module for the value of an item
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 177
VB 177
C++
Copy 177

```
public string IoSet(
 string itemId,
 string value
)
Public Function IoSet (
 itemId As String,
 value As String
```

```
) As String
public:
virtual String^ IoSet(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId

Type: SystemString

Text tag of the item to set

value

Type: SystemString

Value of the item to set

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.34 IoTrigger Method

OutsideView .NET Automation Interface Component

OvDotNetApiIoTrigger Method

Invokes the change to the I/O settings previously requested with an IoSet function, or requests a special action from the I/O module.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 178

VB 178
C++
Copy 178
```
public string IoTrigger(
 string itemId,
 string value
)
Public Function IoTrigger (
 itemId As String,
 value As String
) As String
public:
virtual String^ IoTrigger(
 String^ itemId,
 String^ value
) sealed
```

Parameters

itemId

Type: SystemString

A string specifying the I/O action to invoke. Valid strings are BREAK, CONNECT and HANGUP.

value

Type: SystemString

Action value

Return Value

Type: String

Result of the requested operation.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.35 IoTypeSet Method

OutsideView .NET Automation Interface Component

OvDotNetApiIoTypeSet Method

Queries the type of the current I/O connection or changes to a new I/O connection type.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 179
VB 179
C++
Copy 179

```
public string IoTypeSet(
 string itemId
)
Public Function IoTypeSet (
 itemId As String
) As String
public:
virtual String^ IoTypeSet(
 String^ itemId
) sealed
```

Parameters

itemId

Type: SystemString
If blank, queries the current connection type.

Return Value

Type: String
The name of the current or set IO. Valid strings are the same as for item$ above, and are case-sensitive.

Remarks

When IoTypeSet is called with the proper item, the I/O connection type is changed immediately, but does not connect with a host until an IoTrigger("CONNECT") function is executed.

Also note that when changing the I/O type the link to OV will be automatically terminated!!! It is suggested to wait one second for the interface to stabilize before reattaching to the OV Session.

To prepare to reattach to the session save the values of OvWindowHandle and TerminalWindowHandle prior to changing the type. Afterwards use the HotLinkToOv command with these values to reattach to the session.

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See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiOvWindowHandle 88
OvDotNetApiTerminalWindowHandle 95
OvDotNetApiHotLinkToOv(IntPtr, IntPtr) 171

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3.8.2.36 NewTerminalSession Method

OutsideView .NET Automation Interface Component

OvDotNetApiNewTerminalSession Method

Request that OV allocate a new terminal session.

Ov creates a new terminal session using the defaults as specified in the application settings. This new session is not connected automatically connected to host so you would generally config the I/O settings and issue a connect command to start the new sessions host connection.

Remarks

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 181
VB 181
C++
Copy 181

```
public IntPtr NewTerminalSession()
Public Function NewTerminalSession As IntPtr
public:
IntPtr NewTerminalSession()
```

Return Value

Type: IntPtr

Returns a session window handle that you would then hot link to with a new API object before controlling it.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.37 ReleaseControl Method

OutsideView .NET Automation Interface Component

OvDotNetApiReleaseControl Method

Called to signal that a automation sequence is done performing actions with the emulation session, also releases the logic lock of the desktop keyboard.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 182
VB 182
C++
Copy 182

```
public bool ReleaseControl()
Public Function ReleaseControl As Boolean
public:
bool ReleaseControl()
```

Return Value

Type: Boolean

true if the issuing component user, actually had requested control, otherwise the request is ignored.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiRequestControl(Boolean) 183

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3.8.2.38 RequestControl Method

OutsideView .NET Automation Interface Component

OvDotNetApiRequestControl Method

This function allows coordination of cooperative control between multiple automation users that are attached to the same emulation session.
As a automation may need to perform actions on a series of screens, this allows it to signal when done with the emulation session.

Remarks

Note other users of the interface component are not locked out and if there are multiple users they should all first get control, before issuing commands that affect the emulation session.
If you receive a KeyboardState Event or the CurrentKeyboardState changes to UserForcedUnlock the user has responded to an external application locked message with the override key ALT-U to unlock their keyboard. The appropriate action in this case would be abort the current automation, prompt the user with a message box to click when they are done and after that notification return to an appropriate state and then release control of the session so other pending automations could proceed.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 183
VB 183
C++
Copy 183

```
public bool RequestControl(
 bool lockKeyboard
)
Public Function RequestControl (
 lockKeyboard As Boolean
) As Boolean
public:
bool RequestControl(
 bool lockKeyboard
)
```

Parameters

lockKeyboard

Type: SystemBoolean

true if to also logically lock the desktop users keyboard.

Return Value

Type: Boolean

true if requesting program has control rights, false if another component interface user currently does.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiReleaseControl 182

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3.8.2.39 ShutDown Method

OutsideView .NET Automation Interface Component

OvDotNetApiShutDown Method

The Shutdown statement shuts down (terminates) OutsideView.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 184
VB 184
C++
Copy 184

```
public void ShutDown()
Public Sub ShutDown
public:
void ShutDown()
```

Remarks

Use this function with caution where OV is running a single session that you are directly controlling, it takes a single call to the function to terminate the instance of that you are communication with.

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.2.40 Terminate Method

OutsideView .NET Automation Interface Component

OvDotNetApiTerminate Method

Terminate usage of the .NET link
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 185
VB 185
C++
Copy 185

```
public void Terminate()
Public Sub Terminate
public:
void Terminate()
```

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.41 WaitCrtCursor Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitCrtCursor Method

Waits a specified amount of time for the cursor to be positioned at a specific CRT screen position.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 186
VB 186
C++
Copy 186

```
public int WaitCrtCursor(
 int row,
 int column,
 int timeOut
)
```

```
Public Function WaitCrtCursor (
 row As Integer,
 column As Integer,
 timeOut As Integer
) As Integer
public:
virtual int WaitCrtCursor(
 int row,
 int column,
 int timeOut
) sealed
```

Parameters

row

Type: SystemInt32

The CRT screen row of the position to wait for the cursor.

column

Type: SystemInt32

The CRT screen column of the position to wait for the cursor.

timeOut

Type: SystemInt32

The number of seconds to wait for the cursor to arrive at the specified position.

Return Value

Type: Int32

zero if the timeout period expires prior to the cursor's arrival, and non-zero if the cursor arrives at the specified position before the timer expires.

Remarks

WaitCrtCursor waits for the cursor to reach a particular position on the screen, but makes no demands on the state of the session (i.e., is the keyboard locked?).

Some connection methods, such as Async, can take longer than others to unlock the keyboard.

The solution is to perform a WaitCrtUnlock following the WaitCrtCursor.

This function is a for compatibility with scripts that were create under CommBasic, generally it is desirable to work with events. If using wait functionality; use it from a separate thread or your GUI will also be locked.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.42 WaitCrtUnlock Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitCrtUnlock Method

The WaitCrtUnlock function waits a specified amount of time for the keyboard to unlock.

Namespace: OvDotNet

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C#
VB
C++
Copy

```
public int WaitCrtUnlock(
 int timeOut
)
Public Function WaitCrtUnlock (
 timeOut As Integer
) As Integer
public:
virtual int WaitCrtUnlock(
 int timeOut
) sealed
```

Parameters

timeOut

Type: SystemInt32

The number of seconds to wait for the keyboard to unlock.

Return Value

Type: Int32

return zero if the timeout expires before the keyboard unlocks. Non-zero indicates the keyboard is unlocked, and the value indicates the number of seconds remaining in the set timeout period.

Remarks

Note this function blocks the current thread. If it is part of your GUI application it would be better to use the event notification. Some non-conversational (i.e., Tandem block mode or 3270) modes automatically lock the keyboard after each transmit action. The WaitCrtUnlock function allows you to easily synchronize with the host.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.43 WaitDCD Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitDCD Method

Waits for the Data Carrier Detect signal to go high in a specified time period.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 189
VB 189
C++
Copy 189

```
public int WaitDCD(
 int timeOut
)
Public Function WaitDCD (
 timeOut As Integer
) As Integer
public:
virtual int WaitDCD(
```

```
 int timeOut
) sealed
```

Parameters

timeOut

Type: SystemInt32

The number of seconds to wait for the DCD signal for a serial port or circuit online condition for other I/O methods.

Return Value

Type: Int32

returns zero if the timeout expires before carrier is detected. Non-zero indicates a carrier signal, with the value being the number of seconds remaining in the set timeout period.

Remarks

This function is a for compatibility with scripts that were create under CommBasic, generally it is desirable to work with events. If using wait functionality; use it from a separate thread or your GUI will also be locked.

The WaitDCD function polls the I/O module to check if the logical DCD status has changed to a TRUE condition.

For an async connection, WaitDCD is typically used to sense if there is an active modem connection to a host.

For network connection methods, WaitDCD can be used to verify that an outstanding network call request has completed.

While WaitDCD waits a specific time period, the status of carrier can be queried at any time by executing an IoQuery$("CARRIER") function.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.44 WaitKeystrokes Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitKeystrokes Method

Waits a specified period of time for the specified number of keystrokes to be entered by the user.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 191
VB 191
C++
Copy 191

```
public int WaitKeystrokes(
 int timeOut,
 int count
)
Public Function WaitKeystrokes (
 timeOut As Integer,
 count As Integer
) As Integer
public:
virtual int WaitKeystrokes(
 int timeOut,
 int count
) sealed
```

Parameters

timeOut

Type: SystemInt32

The number of seconds to wait for the keystrokes. If timeout value is zero, the function waits indefinitely for the specified number of keystrokes.

count

Type: SystemInt32

The number of keystrokes to wait for.

Return Value

Type: Int32

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returns zero if the timeout expires before count keystrokes are received. Non-zero indicates the specified number of keystrokes have been entered, with the value being the number of seconds remaining in the set timeout period.

Remarks

This function is a for compatibility with scripts that were create under CommBasic, generally it is desirable to work with events. If using wait functionality; use it from a separate thread or your GUI will also be locked.

The WaitKeystrokes function is typically used for logon information. If the keystrokes are entered on the CRT emulation screen, use the CrtGet, CrtCol, CrtRow, and CrtPosition functions.

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.2.45 WaitSilent Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitSilent Method

The WaitSilent statement is used to wait for inactivity (idle) over the I/O connection.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 192
VB 192
C++
Copy 192

```
public int WaitSilent(
 int timeOut
)
Public Function WaitSilent (
 timeOut As Integer
) As Integer
public:
virtual int WaitSilent(
 int timeOut
) sealed
```

Parameters

timeOut

Type: SystemInt32

The number of seconds to wait for no activity on the I/O connection.

Return Value

Type: Int32

zero

Remarks

The WaitSilent statement is typically used to wait for the host to stop sending data after a user action that triggers a response of unknown length.

See Also

Reference

OvDotNetApi Class 44

OvDotNet Namespace 26

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3.8.2.46 WaitString Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitString Method

Wait for host to send data string

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 193
VB 193
C++
Copy 193

```
public int WaitString(
 int timeOut,
 string waitText
)
Public Function WaitString (
 timeOut As Integer,
 waitText As String
) As Integer
public:
virtual int WaitString(
 int timeOut,
 String^ waitText
) sealed
```

Parameters

timeOut

Type: SystemInt32

The number of seconds to wait for any of the specified strings to appear in the emulation data stream. If timeout value is zero, the function waits indefinitely.

waitText

Type: SystemString

A string to search for in the emulation data stream.

Return Value

Type: Int32

zero if wait operation timed out, otherwise remaining time

Remarks

The WaitStr function evaluates the raw data stream that is passed to the emulation module.

Some hosts or host applications may vary the order of screen writes, or send cursor positioning sequences instead of blanks between data items being displayed.

In such instances, it may be easier to use the WaitSilent and CrtSearch functions.

See Also

Reference

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3.8.2.47 WaitTime Method

OutsideView .NET Automation Interface Component

OvDotNetApiWaitTime Method

Wait for time period to expire
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 195
VB 195
C++
Copy 195

```
public int WaitTime(
 int timeOut
)
Public Function WaitTime (
 timeOut As Integer
) As Integer
public:
virtual int WaitTime(
 int timeOut
) sealed
```

Parameters

timeOut
Type: SystemInt32
Timeout period to wait for in 1/100 of a second

Return Value

Type: Int32
The return value of WaitTime is always zero.

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.3 OvDotNetApi Events

OutsideView .NET Automation Interface Component

OvDotNetApi Events

The OvDotNetApi 44 type exposes the following members.

Events

	Name	Description
	DataFieldsUpdate 200	Event raised when the data or input fields for the emulator have been updated.
	DataReceived 201	Event raised when host data is received via the I/O channel the emulation is using.
	DiaContextActive 202	Screen Context change event
	Disposed	Occurs when the component is disposed by a call to the Dispose method. (Inherited from Component.)
	EmulationTypeActive 203	Notification of the Emulation Type that is active. When the component is first attached to a host session it has no idea if it is interacting with a NonStop, IBM or other type of host. This event is triggered when attaching to a active

		session or as the emulation is loaded for a new session.
	FunctionKeyPressed 204	In OutsideView there are keystrokes like function keys, cursor movement keys and others that are mappable under the GUI as function/action keys for the terminal emulator, CommBasic or emit recorded text strings. This event when subscribed to allows the interception/notification of these keys before any action takes place. Note this only provides notification of map able keys, not alphanumeric keys on the main keyboard, though they are considered map able action keys in conjunction with a ctrl or alt key. **Remarks** Critical note! When OV sends out a function key notify it executes RequestControl(true) operation on behalf of the first listener to this event. The users keyboard is then locked until the FunctionKeyPressedDone() function is called in response to the event. Again note the user can unlock over-ride the unlock

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		with the ALT-U keystroke though they are automatically warned against it. This is so in an emergency they can regain control of their keyboard if the automation is logically hung. When the first listener calls FunctionKeyPressedDone there is an automatic call to ReleaseControl() at a lower priority level, if the first listener had also called RequestControl() it must then call ReleaseControl() to enable other automation to run. This allows for your .NET application to perform various steps without operator interruption. An automation could execute multiple screen transactions before turning the users keyboard back on. Failure to call the FunctionKeyPressedDone function when done reacting to event will result in the operator having a dead keyboard! Also note you should transfer control to another thread and exit this event, if you desire to react to other events from the component such as keyboard locked!!!
	KeyboardStateChanged 205	KeyboardState events raised when keyboard state related

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		events are received on any of the channels this class is subscribed to...
	OnCaptureData 206	This event delivers capture data from the last write to the emulation by the host. This function is useful for capturing status or event messages that you might wish to act on from the host without having to figure out what is new data. Generally if the host sends a status message as one transaction you will get it as text in the event arguments which can simplify you're parsing of the captured text. **Remarks** However depending on how the host buffers and sends it's data you might have part of the next message or two messages in one capture, so construct your logic appropriately! Another possible scenario is that when communicating with a remote host an intervening router or message switch might chop the transmission into smaller pieces.
	OnFocusChanged 207	
	ScreenModeChanged 208	Event raised when data is received on any of the channels this class is subscribed to.
	SessionOwnerChanged 209	Session Owner changed event notification

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	SessionStateChanged 210	SessionState events raised when any session state related events are received on any of the channels this class is subscribed to...
	SizeChange 211	Event raised after the session window size has changed in rows or columns.

Top

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.1 DataFieldsUpdate Event

OutsideView .NET Automation Interface Component

OvDotNetApiDataFieldsUpdate Event

Event raised when the data or input fields for the emulator have been updated.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 200
VB 200
C++
Copy 200

```
public event OvDataUpdateEventHandler DataFieldsUpdate
Public Event DataFieldsUpdate As OvDataUpdateEventHandler
public:
 event OvDataUpdateEventHandler^ DataFieldsUpdate {
 void add (OvDataUpdateEventHandler^ value);
```

```
 void remove (OvDataUpdateEventHandler^ value);
}
```

Value

Type: OvDotNetOvDataUpdateEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.2 DataReceived Event

OutsideView .NET Automation Interface Component

OvDotNetApiDataReceived Event

Event raised when host data is received via the I/O channel the emulation is using.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 201
VB 201
C++
Copy 201

```
public event OvDataReceivedEventHandler DataReceived
Public Event DataReceived As OvDataReceivedEventHandler
public:
 event OvDataReceivedEventHandler^ DataReceived {
 void add (OvDataReceivedEventHandler^ value);
 void remove (OvDataReceivedEventHandler^ value);
}
```

Value

Type: OvDotNetOvDataReceivedEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.3 DiaContextActive Event

OutsideView .NET Automation Interface Component

OvDotNetApiDiaContextActive Event

Screen Context change event

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 202
VB 202
C++
Copy 202

```
public event OvContextEventHandler DiaContextActive
Public Event DiaContextActive As OvContextEventHandler
public:
 event OvContextEventHandler^ DiaContextActive {
 void add (OvContextEventHandler^ value);
 void remove (OvContextEventHandler^ value);
}
```

Value

Type: OvDotNetOvContextEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.4 EmulationTypeActive Event

OutsideView .NET Automation Interface Component

OvDotNetApiEmulationTypeActive Event

Notification of the Emulation Type that is active.
When the component is first attached to a host session it has no idea if it is interacting with a NonStop, IBM or other type of host. This event is triggered when attaching to a active session or as the emulation is loaded for a new session.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 203
VB 203
C++
Copy 203

```
public event OvEmulationTypeEventHandler EmulationTypeActive
Public Event EmulationTypeActive As OvEmulationTypeEventHandler
public:
 event OvEmulationTypeEventHandler^ EmulationTypeActive {
 void add (OvEmulationTypeEventHandler^ value);
 void remove (OvEmulationTypeEventHandler^ value);
}
```

Value

Type: OvDotNetOvEmulationTypeEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.5 FunctionKeyPressed Event

OutsideView .NET Automation Interface Component

OvDotNetApiFunctionKeyPressed Event

In OutsideView there are keystrokes like function keys, cursor movement keys and others that are mappable under the GUI as function/action keys for the terminal emulator, CommBasic or emit recorded text strings.
This event when subscribed to allows the interception/notification of these keys before any action takes place. Note this only provides notification of map able keys, not alphanumeric keys on the main keyboard, though they are considered map able action keys in conjunction with a ctrl or alt key.

Remarks

Critical note! When OV sends out a function key notify it executes RequestControl(true) operation on behalf of the first listener to this event.
The users keyboard is then locked until the FunctionKeyPressedDone() function is called in response to the event. Again note the user can unlock over-ride the unlock with the ALT-U keystroke though they are automatically warned against it. This is so in an emergency they can regain control of their keyboard if the automation is logically hung.
When the first listener calls FunctionKeyPressedDone there is an automatic call to ReleaseControl() at a lower priority level, if the first listener had also called RequestControl() it must then call ReleaseControl() to enable other automation to run.
This allows for your .NET application to perform various steps without operator interruption. An automation could execute multiple screen transactions before turning the users keyboard back on.
Failure to call the FunctionKeyPressedDone function when done reacting to event will result in the operator having a dead keyboard!
Also note you should transfer control to another thread and exit this event, if you desire to react to other events from the component such as keyboard locked!!!

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

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Syntax

C# 204
VB 204
C++
Copy 204

```
public event OvFunctionKeyEventHandler FunctionKeyPressed
Public Event FunctionKeyPressed As OvFunctionKeyEventHandler
public:
 event OvFunctionKeyEventHandler^ FunctionKeyPressed {
 void add (OvFunctionKeyEventHandler^ value);
 void remove (OvFunctionKeyEventHandler^ value);
}
```

Value

Type: OvDotNetOvFunctionKeyEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26
OvDotNetApiFunctionKeyPressedDone(KeyEventArgs) 165
OvDotNetApiEventFlowControlFunctionKeys(OvFunctionKeyPressedEventMask) 159
OvDotNetApiRequestControl(Boolean) 183
OvDotNetApiReleaseControl 182

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3.8.3.6 KeyboardStateChanged Event

OutsideView .NET Automation Interface Component

OvDotNetApiKeyboardStateChanged Event

KeyboardState events raised when keyboard state related events are received on any of the channels this class is subscribed to...

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 205
VB 205
C++
Copy 205

```
public event OvKeyboardStateEventHandler KeyboardStateChanged
Public Event KeyboardStateChanged As OvKeyboardStateEventHandler
public:
 event OvKeyboardStateEventHandler^ KeyboardStateChanged {
 void add (OvKeyboardStateEventHandler^ value);
 void remove (OvKeyboardStateEventHandler^ value);
}
```

Value

Type: OvDotNetOvKeyboardStateEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.7 OnCaptureData Event

OutsideView .NET Automation Interface Component

OvDotNetApiOnCaptureData Event

This event delivers capture data from the last write to the emulation by the host. This function is useful for capturing status or event messages that you might wish to act on from the host without having to figure out what is new data.
Generally if the host sends a status message as one transaction you will get it as text in the event arguments which can simplify you're parsing of the captured text.

Remarks

However depending on how the host buffers and sends it's data you might have part of the next message or two messages in one capture, so construct your logic appropriately! Another possible scenario is that when communicating with a remote host an intervening router or message switch might chop the transmission into smaller pieces.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 206
VB 206
C++
Copy 206

```
public event OvCaptureEventHandler OnCaptureData
Public Event OnCaptureData As OvCaptureEventHandler
public:
 event OvCaptureEventHandler^ OnCaptureData {
 void add (OvCaptureEventHandler^ value);
 void remove (OvCaptureEventHandler^ value);
}
```

Value

Type: OvDotNetOvCaptureEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.8 OnFocusChanged Event

OutsideView .NET Automation Interface Component

OvDotNetApiOnFocusChanged Event

[Missing <summary> documentation for "E:OvDotNet.OvDotNetApi.OnFocusChanged"]

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 207
VB 207
C++
Copy 207

```
public event OvFocusEventHandler OnFocusChanged
Public Event OnFocusChanged As OvFocusEventHandler
public:
 event OvFocusEventHandler^ OnFocusChanged {
 void add (OvFocusEventHandler^ value);
 void remove (OvFocusEventHandler^ value);
}
```

Value

Type: OvDotNetOvFocusEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.9 ScreenModeChanged Event

OutsideView .NET Automation Interface Component

OvDotNetApiScreenModeChanged Event

Event raised when data is received on any of the channels this class is subscribed to.
Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 208
VB 208
C++

Copy 208
```
public event OvScreenModeEventHandler ScreenModeChanged
Public Event ScreenModeChanged As OvScreenModeEventHandler
public:
 event OvScreenModeEventHandler^ ScreenModeChanged {
 void add (OvScreenModeEventHandler^ value);
 void remove (OvScreenModeEventHandler^ value);
}
```

Value

Type: OvDotNetOvScreenModeEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.10 SessionOwnerChanged Event

OutsideView .NET Automation Interface Component

OvDotNetApiSessionOwnerChanged Event

Session Owner changed event notification

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 209
VB 209
C++
Copy 209
```
public event OvOwnerEventHandler SessionOwnerChanged
Public Event SessionOwnerChanged As OvOwnerEventHandler
public:
 event OvOwnerEventHandler^ SessionOwnerChanged {
 void add (OvOwnerEventHandler^ value);
 void remove (OvOwnerEventHandler^ value);
}
```

Value
Type: OvDotNetOvOwnerEventHandler

See Also

Reference
OvDotNetApi Class 44
OvDotNet Namespace 26
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3.8.3.11 SessionStateChanged Event

OutsideView .NET Automation Interface Component

OvDotNetApiSessionStateChanged Event

SessionState events raised when any session state related events are received on any of the channels this class is subscribed to...
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 210
VB 210
C++
Copy 210
```
public event OvSessionStateEventHandler SessionStateChanged
Public Event SessionStateChanged As OvSessionStateEventHandler
public:
 event OvSessionStateEventHandler^ SessionStateChanged {
 void add (OvSessionStateEventHandler^ value);
 void remove (OvSessionStateEventHandler^ value);
}
```

Value
Type: OvDotNetOvSessionStateEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.8.3.12 SizeChange Event

OutsideView .NET Automation Interface Component

OvDotNetApiSizeChange Event

Event raised after the session window size has changed in rows or columns.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 211
VB 211
C++
Copy 211

```
public event OvSizeChangeEventHandler SizeChange
Public Event SizeChange As OvSizeChangeEventHandler
public:
 event OvSizeChangeEventHandler^ SizeChange {
 void add (OvSizeChangeEventHandler^ value);
 void remove (OvSizeChangeEventHandler^ value);
}
```

Value

Type: OvDotNetOvSizeChangeEventHandler

See Also

Reference

OvDotNetApi Class 44
OvDotNet Namespace 26

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3.9 OvEmulationType Enumeration

OutsideView .NET Automation Interface Component

OvEmulationType Enumeration

Current emulation type that is active.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 212
VB 212
C++
Copy 212

```
public enum OvEmulationType
Public Enumeration OvEmulationType
public enum class OvEmulationType
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiCurrentEmulationType 68
OvDotNetApiEmulationTypeActive 203
OvDotNetOvEmulationTypeEventHandler 216
OvDotNetOvEmulationTypeArgs 213

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3.10 OvEmulationTypeArgs Class

OutsideView .NET Automation Interface Component

OvEmulationTypeArgs Class

Emulation type event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvEmulationTypeArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 213
VB 213
C++
Copy 213

```
public class OvEmulationTypeArgs : EventArgs
Public Class OvEmulationTypeArgs
 Inherits EventArgs
public ref class OvEmulationTypeArgs : public EventArgs
```

The OvEmulationTypeArgs type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference

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OvDotNet Namespace 26
OvDotNetOvEmulationType 212
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3.10.1 OvEmulationTypeArgs Properties

OutsideView .NET Automation Interface Component

OvEmulationTypeArgs Properties

The OvEmulationTypeArgs 213 type exposes the following members.

Properties

	Name	Description
	Emulation 214	Current emulation type

Top

See Also

Reference

OvEmulationTypeArgs Class 213
OvDotNet Namespace 26
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3.10.1.1 Emulation Property

OutsideView .NET Automation Interface Component

OvEmulationTypeArgsEmulation Property

Current emulation type
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 214
VB 214
C++
Copy 214

```
public OvEmulationType Emulation { get; }
Public ReadOnly Property Emulation As OvEmulationType
 Get
public:
property OvEmulationType Emulation {
 OvEmulationType get ();
}
```

Property Value

Type: OvEmulationType

See Also

Reference

OvEmulationTypeArgs Class 213
OvDotNet Namespace 26
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3.10.2 OvEmulationTypeArgs Methods

OutsideView .NET Automation Interface Component

OvEmulationTypeArgs Methods

The OvEmulationTypeArgs 213 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvEmulationTypeArgs Class 213
OvDotNet Namespace 26

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3.11 OvEmulationTypeEventHandler Delegate

OutsideView .NET Automation Interface Component

OvEmulationTypeEventHandler Delegate

Notification of the type of emulation that is active

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 216
VB 216
C++
Copy 216

```
public delegate void OvEmulationTypeEventHandler(
 Object sender,
 OvEmulationTypeArgs e
)
Public Delegate Sub OvEmulationTypeEventHandler (
 sender As Object,
 e As OvEmulationTypeArgs
)
public delegate void OvEmulationTypeEventHandler(
 Object^ sender,
 OvEmulationTypeArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: OvDotNetOvEmulationTypeArgs 213
OvEmulationTypeArgs containing the current active emulation type

See Also

Reference

OvDotNet Namespace 26

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3.12 OvEventMask Enumeration

OutsideView .NET Automation Interface Component

OvEventMask Enumeration

Event mask values to temporarily mask OV event overhead. Typically used to simplify event handling logic, might be used by the programmer for turning off events they are not interested for the current phase of operations.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 217
VB 217
C++
Copy 217

```
[FlagsAttribute]
public enum OvEventMask
<FlagsAttribute>
Public Enumeration OvEventMask
[FlagsAttribute]
public enum class OvEventMask
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiEventFlowControl(OvEventMask) 158

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3.13 OvFieldBitFlags Enumeration

OutsideView .NET Automation Interface Component

OvFieldBitFlags Enumeration

Data field bit flags to identify the type of field on formatted screens. This bits are generally only available when the screen index is on top of video or field mark, varies by the emulation type.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 218
VB 218
C++
Copy 218
```
[FlagsAttribute]
public enum OvFieldBitFlags
<FlagsAttribute>
Public Enumeration OvFieldBitFlags
[FlagsAttribute]
public enum class OvFieldBitFlags
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiCrtAttribute(Int32, Int32) 119

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3.14 OvFieldInfo Class

OutsideView .NET Automation Interface Component

OvFieldInfo Class

Field information object for data fields in a formated emulation screen.

Inheritance Hierarchy

SystemObject
  OvDotNetOvFieldInfo
    OvDotNetOvInputField 237

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 219
VB 219
C++
Copy 219

```
public class OvFieldInfo
Public Class OvFieldInfo
public ref class OvFieldInfo
```

The OvFieldInfo type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiDataFields 78

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3.14.1 OvFieldInfo Properties

OutsideView .NET Automation Interface Component

OvFieldInfo Properties

The OvFieldInfo 219 type exposes the following members.

Properties

	Name	Description
	Attributes 221	text decode of the encoded video attributes
	Column 222	Field Column Number
	FieldAttributes 223	Data Field attributes
	InputField 224	Input field
	Length 225	Field Length
	NoEcho 225	Field is no echo
	Row 226	Field row Number
	Text 227	Field Text

Top

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.1 Attributes Property

OutsideView .NET Automation Interface Component

OvFieldInfoAttributes Property

text decode of the encoded video attributes

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 221
VB 221
C++
Copy 221

```
public string Attributes { get; }
```

```
Public ReadOnly Property Attributes As String
 Get
public:
property String^ Attributes {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.2 Column Property

OutsideView .NET Automation Interface Component

OvFieldInfoColumn Property

Field Column Number

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 222
VB 222
C++
Copy 222

```
public int Column { get; }
Public ReadOnly Property Column As Integer
 Get
public:
property int Column {
 int get ();
}
```

Property Value

Type: Int32

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.3 FieldAttributes Property

OutsideView .NET Automation Interface Component

OvFieldInfoFieldAttributes Property

Data Field attributes

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 223
VB 223
C++
Copy 223

```
public OvFieldBitFlags FieldAttributes { get; }
Public ReadOnly Property FieldAttributes As OvFieldBitFlags
 Get
public:
property OvFieldBitFlags FieldAttributes {
 OvFieldBitFlags get ();
}
```

Property Value

Type: OvFieldBitFlags

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.4 InputField Property

OutsideView .NET Automation Interface Component

OvFieldInfoInputField Property

Input field

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 224
VB 224
C++
Copy 224

```
public virtual bool InputField { get; }
Public Overridable ReadOnly Property InputField As Boolean
 Get
public:
virtual property bool InputField {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.5 Length Property

OutsideView .NET Automation Interface Component

OvFieldInfoLength Property

Field Length

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 225
VB 225
C++
Copy 225

```
public virtual int Length { get; }
Public Overridable ReadOnly Property Length As Integer
 Get
public:
virtual property int Length {
 int get ();
}
```

Property Value

Type: Int32

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.6 NoEcho Property

OutsideView .NET Automation Interface Component

OvFieldInfoNoEcho Property

Field is no echo

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 225
VB 225
C++
Copy 225

```
public virtual bool NoEcho { get; }
Public Overridable ReadOnly Property NoEcho As Boolean
 Get
public:
virtual property bool NoEcho {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.7 Row Property

OutsideView .NET Automation Interface Component

OvFieldInfoRow Property

Field row Number
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 226
VB 226
C++
Copy 226

```
public int Row { get; }
Public ReadOnly Property Row As Integer
```

```
 Get
public:
property int Row {
 int get ();
}
```

Property Value

Type: Int32

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26

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3.14.1.8 Text Property

OutsideView .NET Automation Interface Component

OvFieldInfoText Property

Field Text

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 227
VB 227
C++
Copy 227

```
public virtual string Text { get; set; }
Public Overridable Property Text As String
 Get
 Set
public:
virtual property String^ Text {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

See Also

Reference

OvFieldInfo Class 219

OvDotNet Namespace 26

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3.14.2 OvFieldInfo Methods

OutsideView .NET Automation Interface Component

OvFieldInfo Methods

The OvFieldInfo 219 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvFieldInfo Class 219
OvDotNet Namespace 26
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3.15 OvFieldTextTrimming Enumeration

OutsideView .NET Automation Interface Component

OvFieldTextTrimming Enumeration

White space trimming mode for text property of host FieldInfo or OvInputField objects. When the .NET component is scanning the terminal screen to determine text boundary's the resulting text assigned to the text property might have leading or trailing spaces that are not logically needed.

Remarks

This is optional behavior that can be enabled and maybe desired if using data binding to the FieldInfo or OvInputField collection properties.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 229
VB 229
C++
Copy 229

```
public enum OvFieldTextTrimming
Public Enumeration OvFieldTextTrimming
public enum class OvFieldTextTrimming
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiAutoTrimHostFields 61
System.ReflectionFieldInfo
OvDotNetOvInputField 237
OvDotNetApiInputFields 80
OvDotNetApiDataFields 78

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3.16 OvFocusArgs Class

OutsideView .NET Automation Interface Component

OvFocusArgs Class

Class OvFocusArgs.

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvFocusArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 230
VB 230
C++
Copy 230

```
public class OvFocusArgs : EventArgs
Public Class OvFocusArgs
```

```
 Inherits EventArgs
public ref class OvFocusArgs : public EventArgs
```

The OvFocusArgs type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference

OvDotNet Namespace 26

SystemEventArgs

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3.16.1 OvFocusArgs Properties

OutsideView .NET Automation Interface Component

OvFocusArgs Properties

The OvFocusArgs 230 type exposes the following members.

Properties

	Name	Description
	Focused 232	Gets a value indicating whether this OvFocusArgs 230 is focused.

Top

See Also

Reference

OvFocusArgs Class 230
OvDotNet Namespace 26
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3.16.1.1 Focused Property

OutsideView .NET Automation Interface Component

OvFocusArgsFocused Property

Gets a value indicating whether this OvFocusArgs 230 is focused.
Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 232
VB 232
C++
Copy 232

```
public bool Focused { get; }
Public ReadOnly Property Focused As Boolean
 Get
public:
property bool Focused {
 bool get ();
}
```

Property Value

Type: Boolean
`true` if ov session has the focus; otherwise, `false`.

See Also

Reference

OvFocusArgs Class 230
OvDotNet Namespace 26
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3.16.2 OvFocusArgs Methods

OutsideView .NET Automation Interface Component

OvFocusArgs Methods

The OvFocusArgs 230 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvFocusArgs Class 230

OvDotNet Namespace 26

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3.17 OvFocusEventHandler Delegate

OutsideView .NET Automation Interface Component

OvFocusEventHandler Delegate

[Missing <summary> documentation for "T:OvDotNet.OvFocusEventHandler"]

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 234
VB 234
C++
Copy 234

```
public delegate void OvFocusEventHandler(
 Object sender,
 OvFocusArgs e
)
Public Delegate Sub OvFocusEventHandler (
 sender As Object,
 e As OvFocusArgs
)
public delegate void OvFocusEventHandler(
 Object^ sender,
 OvFocusArgs^ e
)
```

Parameters

sender

Type: SystemObject

e

Type: OvDotNetOvFocusArgs

See Also

Reference

OvDotNet Namespace 26

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3.18 OvFunctionKeyEventHandler Delegate

OutsideView .NET Automation Interface Component

OvFunctionKeyEventHandler Delegate

Mappable Macro/Function key press event received from the emulation

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 235
VB 235
C++
Copy 235

```
public delegate void OvFunctionKeyEventHandler(
 Object sender,
 KeyEventArgs e
)
Public Delegate Sub OvFunctionKeyEventHandler (
 sender As Object,
 e As KeyEventArgs
)
public delegate void OvFunctionKeyEventHandler(
 Object^ sender,
 KeyEventArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: System.Windows.FormsKeyEventArgs
KeyEventArgs containing the function key pressed by the user

See Also

Reference

OvDotNet Namespace 26

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3.19 OvFunctionKeyPressedEventMask Enumeration

OutsideView .NET Automation Interface Component

OvFunctionKeyPressedEvent Mask Enumeration

FunctionKey event mask values to filter which types of function keys trigger the FunctionKeyPress Event

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 236
VB 236
C++
Copy 236

```
[FlagsAttribute]
public enum OvFunctionKeyPressedEventMask
<FlagsAttribute>
Public Enumeration OvFunctionKeyPressedEventMask
[FlagsAttribute]
public enum class OvFunctionKeyPressedEventMask
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiEventFlowControlFunctionKeys(OvFunctionKeyPressedEventMask) 159

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3.20 OvInputField Class

OutsideView .NET Automation Interface Component

OvInputField Class

Field information object for data or input fields in formated emulation screens. Note this class extendeds the OvFieldInfo class.

Inheritance Hierarchy

SystemObject
  OvDotNetOvFieldInfo
    OvDotNetOvInputField

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 237
VB 237
C++
Copy 237

```
public class OvInputField : OvFieldInfo,
 INotifyPropertyChanged, IDataErrorInfo
Public Class OvInputField
 Inherits OvFieldInfo
 Implements INotifyPropertyChanged, IDataErrorInfo
public ref class OvInputField : public OvFieldInfo,
 INotifyPropertyChanged, IDataErrorInfo
```

The OvInputField type exposes the following members.

Properties

Top

Methods

Top

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Events

Top

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiInputFields 80

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3.20.1 OvInputField Properties

OutsideView .NET Automation Interface Component

OvInputField Properties

The OvInputField 237 type exposes the following members.

Properties

	Name	Description
	Attributes 221	text decode of the encoded video attributes (Inherited from OvFieldInfo 219.)
	AutoPad 239	Automatically Pad new input
	AutoUpdate 240	Automatically update host screen
	Column 222	Field Column Number (Inherited from OvFieldInfo 219.)
	Error 241	Cumlative Errors with this Data Object
	FieldAttributes 223	Data Field attributes (Inherited from OvFieldInfo 219.)
	InputField 242	Input field

		(Overrides OvFieldInfoInputField 224.)
	IsDirty 243	Indicator that a Input field has been changed.
	Item 244	Error testing property for IDataErrorInfo testing
	Length 245	Field Length (Overrides OvFieldInfoLength 225.)
	NoEcho 246	Field is no echo (Overrides OvFieldInfoNoEcho 225 .)
	PromptLabel 247	Previous prompt value
	Row 226	Field row Number (Inherited from OvFieldInfo 219.)
	Text 247	Input data field text contents (Overrides OvFieldInfoText 227.)

Top

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.1.1 AutoPad Property

OutsideView .NET Automation Interface Component

OvInputFieldAutoPad Property

Automatically Pad new input

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 239
VB 239
C++
Copy 239

```
public bool AutoPad { get; set; }
Public Property AutoPad As Boolean
 Get
 Set
public:
property bool AutoPad {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.1.2 AutoUpdate Property

OutsideView .NET Automation Interface Component

OvInputFieldAutoUpdate Property

Automatically update host screen

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 240
VB 240

C++
Copy 240
```
public bool AutoUpdate { get; set; }
Public Property AutoUpdate As Boolean
 Get
 Set
public:
property bool AutoUpdate {
 bool get ();
 void set (bool value);
}
```

Property Value
Type: Boolean

See Also

Reference
OvInputField Class 237
OvDotNet Namespace 26
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3.20.1.3 Error Property

OutsideView .NET Automation Interface Component

OvInputFieldError Property

Cumlative Errors with this Data Object
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 241
VB 241
C++
Copy 241
```
public string Error { get; }
Public ReadOnly Property Error As String
 Get
public:
virtual property String^ Error {
 String^ get () sealed;
}
```

Property Value
Type: String

Implements
IDataErrorInfoError

See Also

Reference
OvInputField Class 237
OvDotNet Namespace 26
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3.20.1.4 InputField Property

OutsideView .NET Automation Interface Component

OvInputFieldInputField Property

Input field
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 242
VB 242
C++
Copy 242

```
public override bool InputField { get; }
Public Overrides ReadOnly Property InputField As Boolean
 Get
public:
virtual property bool InputField {
 bool get () override;
}
```

Property Value
Type: Boolean

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26
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3.20.1.5 IsDirty Property

OutsideView .NET Automation Interface Component

OvInputFieldIsDirty Property

Indicator that a Input field has been changed.
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 243
VB 243
C++
Copy 243

```
public bool IsDirty { get; set; }
Public Property IsDirty As Boolean
 Get
 Set
public:
property bool IsDirty {
 bool get ();
 void set (bool value);
}
```

Property Value

Type: Boolean

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26
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3.20.1.6 Item Property

OutsideView .NET Automation Interface Component

OvInputFieldItem Property

Error testing property for IDataErrorInfo testing

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 244
VB 244
C++
Copy 244

```
public string this[
 string propertyName
] { get; }
Public ReadOnly Default Property Item (
 propertyName As String
) As String
 Get
public:
virtual property String^ default[String^ propertyName] {
 String^ get (String^ propertyName) sealed;
}
```

Parameters

propertyName

Type: SystemString

property to test

Return Value

Type: String

Error information

Implements

IDataErrorInfoItemString

See Also

Reference

OvInputField Class 237

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3.20.1.7 Length Property

OutsideView .NET Automation Interface Component

OvInputFieldLength Property

Field Length
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 245
VB 245
C++
Copy 245

```
public override int Length { get; }
Public Overrides ReadOnly Property Length As Integer
 Get
public:
virtual property int Length {
 int get () override;
}
```

Property Value

Type: Int32

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26
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3.20.1.8 NoEcho Property

OutsideView .NET Automation Interface Component

OvInputFieldNoEcho Property

Field is no echo

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 246
VB 246
C++
Copy 246

```
public override bool NoEcho { get; }
Public Overrides ReadOnly Property NoEcho As Boolean
 Get
public:
virtual property bool NoEcho {
 bool get () override;
}
```

Property Value

Type: Boolean

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.1.9 PromptLabel Property

OutsideView .NET Automation Interface Component

OvInputFieldPromptLabel Property

Previous prompt value

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 247
VB 247
C++
Copy 247

```
public string PromptLabel { get; }
Public ReadOnly Property PromptLabel As String
 Get
public:
property String^ PromptLabel {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.1.10 Text Property

OutsideView .NET Automation Interface Component

OvInputFieldText Property

Input data field text contents
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 247
VB 247
C++
Copy 247

```
public override string Text { get; set; }
Public Overrides Property Text As String
 Get
 Set
public:
virtual property String^ Text {
 String^ get () override;
 void set (String^ value) override;
}
```

Property Value

Type: String

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.2 OvInputField Methods

OutsideView .NET Automation Interface Component

OvInputField Methods

The OvInputField 237 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.3 OvInputField Events

OutsideView .NET Automation Interface Component

OvInputField Events

The OvInputField 237 type exposes the following members.

Events

	Name	Description
	PropertyChanged 250	Property Changed Event Handler

Top

See Also

Reference

OvInputField Class 237
OvDotNet Namespace 26

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3.20.3.1 PropertyChanged Event

OutsideView .NET Automation Interface Component

OvInputFieldPropertyChanged Event

Property Changed Event Handler

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 250
VB 250
C++
Copy 250

```
public event PropertyChangedEventHandler PropertyChanged
Public Event PropertyChanged As PropertyChangedEventHandler
public:
virtual  event PropertyChangedEventHandler^ PropertyChanged {
 void add (PropertyChangedEventHandler^ value);
 void remove (PropertyChangedEventHandler^ value);
}
```

Value

Type: System.ComponentModelPropertyChangedEventHandler

Implements

INotifyPropertyChangedPropertyChanged

See Also

Reference
OvInputField Class 237
OvDotNet Namespace 26
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3.21 OvKeyboardState Enumeration

OutsideView .NET Automation Interface Component

OvKeyboardState Enumeration

The input state of the emulation keyboard:
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 251
VB 251
C++
Copy 251
```
public enum OvKeyboardState
Public Enumeration OvKeyboardState
public enum class OvKeyboardState
```

Field Value
Type:

Members

See Also

Reference
OvDotNet Namespace 26
OvDotNetApiCurrentKeyboardState 70
OvDotNetApiKeyboardStateChanged 205
OvDotNetOvKeyboardStateEventHandler 257

OvDotNetOvKeyboardStateArgs 252
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3.22 OvKeyboardStateArgs Class

OutsideView .NET Automation Interface Component

OvKeyboardStateArgs Class

Keyboard input mode event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvKeyboardStateArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 252
VB 252
C++
Copy 252

```
public class OvKeyboardStateArgs : EventArgs
Public Class OvKeyboardStateArgs
 Inherits EventArgs
public ref class OvKeyboardStateArgs : public EventArgs
```

The OvKeyboardStateArgs type exposes the following members.

Constructors

Top

Properties

Top

Methods

Top

See Also

Reference

OvDotNet Namespace 26
OvDotNetOvKeyboardState 251

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3.22.1 OvKeyboardStateArgs Constructor

OutsideView .NET Automation Interface Component

OvKeyboardStateArgs Constructor

Initializes a new instance of the OvKeyboardStateArgs 252 class.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 253
VB 253
C++
Copy 253

```
public OvKeyboardStateArgs(
 OvKeyboardState state
)
Public Sub New (
 state As OvKeyboardState
)
public:
OvKeyboardStateArgs(
 OvKeyboardState state
)
```

Parameters

state

Type: OvDotNetOvKeyboardState 251

The state.

See Also

Reference

OvKeyboardStateArgs Class 252

OvDotNet Namespace 26

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3.22.2 OvKeyboardStateArgs Properties

OutsideView .NET Automation Interface Component

OvKeyboardStateArgs Properties

The OvKeyboardStateArgs 252 type exposes the following members.

Properties

	Name	Description
	State 255	Current keyboard input state

Top

See Also

Reference

OvKeyboardStateArgs Class 252

OvDotNet Namespace 26

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3.22.2.1 State Property

OutsideView .NET Automation Interface Component

OvKeyboardStateArgsState Property

Current keyboard input state

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 255
VB 255
C++
Copy 255

```
public OvKeyboardState State { get; }
Public ReadOnly Property State As OvKeyboardState
 Get
public:
property OvKeyboardState State {
 OvKeyboardState get ();
}
```

Property Value

Type: OvKeyboardState

See Also

Reference

OvKeyboardStateArgs Class 252
OvDotNet Namespace 26

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3.22.3 OvKeyboardStateArgs Methods

OutsideView .NET Automation Interface Component

OvKeyboardStateArgs Methods

The OvKeyboardStateArgs 252 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvKeyboardStateArgs Class 252
OvDotNet Namespace 26

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3.23 OvKeyboardStateEventHandler Delegate

OutsideView .NET Automation Interface Component

OvKeyboardStateEventHandler Delegate

Keyboard event received from the emulation

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 257
VB 257
C++
Copy 257

```
public delegate void OvKeyboardStateEventHandler(
 Object sender,
 OvKeyboardStateArgs e
)
Public Delegate Sub OvKeyboardStateEventHandler (
 sender As Object,
 e As OvKeyboardStateArgs
)
public delegate void OvKeyboardStateEventHandler(
 Object^ sender,
 OvKeyboardStateArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: OvDotNetOvKeyboardStateArgs 252
OvKeyboardStateArg containing the current keyboard state

See Also

Reference

OvDotNet Namespace 26

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3.24 OvOwnerArgs Class

OutsideView .NET Automation Interface Component

OvOwnerArgs Class

Ov Session Owner event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvOwnerArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 258
VB 258
C++
Copy 258

```
public class OvOwnerArgs : EventArgs
Public Class OvOwnerArgs
 Inherits EventArgs
public ref class OvOwnerArgs : public EventArgs
```

The OvOwnerArgs type exposes the following members.

Properties

Top

Methods

Top

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See Also

Reference

OvDotNet Namespace 26

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3.24.1 OvOwnerArgs Properties

OutsideView .NET Automation Interface Component

OvOwnerArgs Properties

The OvOwnerArgs 258 type exposes the following members.

Properties

	Name	Description
	Available 260	Session is available to request control on
	CurrentOwner 261	Current screen Owner id

Top

See Also

Reference

OvOwnerArgs Class 258

OvDotNet Namespace 26

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3.24.1.1 Available Property

OutsideView .NET Automation Interface Component

OvOwnerArgsAvailable Property

Session is available to request control on

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 260
VB 260
C++
Copy 260

```
public bool Available { get; }
Public ReadOnly Property Available As Boolean
 Get
public:
property bool Available {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

OvOwnerArgs Class 258
OvDotNet Namespace 26

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3.24.1.2 CurrentOwner Property

OutsideView .NET Automation Interface Component

OvOwnerArgsCurrentOwner Property

Current screen Owner id

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 261
VB 261
C++
Copy 26

```
public IntPtr CurrentOwner { get; }
Public ReadOnly Property CurrentOwner As IntPtr
 Get
public:
property IntPtr CurrentOwner {
 IntPtr get ();
}
```

Property Value

Type: IntPtr

See Also

Reference

OvOwnerArgs Class 258
OvDotNet Namespace 26

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3.24.2 OvOwnerArgs Methods

OutsideView .NET Automation Interface Component

OvOwnerArgs Methods

The OvOwnerArgs 258 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvOwnerArgs Class 258

OvDotNet Namespace 26

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3.25 OvOwnerEventHandler Delegate

OutsideView .NET Automation Interface Component

OvOwnerEventHandler Delegate

Session Owner notification handler

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 262
VB 262
C++
Copy 262

```
public delegate void OvOwnerEventHandler(
 Object sender,
 OvOwnerArgs e
)
Public Delegate Sub OvOwnerEventHandler (
 sender As Object,
 e As OvOwnerArgs
)
public delegate void OvOwnerEventHandler(
 Object^ sender,
 OvOwnerArgs^ e
)
```

Parameters

sender

Type: SystemObject

Interface component object

e

Type: OvDotNetOvOwnerArgs 258

OvOwnerArgs contains the current remote control owner for the session.

See Also

Reference

OvDotNet Namespace 26

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3.26 OvScreenMode Enumeration

OutsideView .NET Automation Interface Component

OvScreenMode Enumeration

The mode that the current emulation screen is in:
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 263
VB 263
C++
Copy 263

```
public enum OvScreenMode
Public Enumeration OvScreenMode
public enum class OvScreenMode
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiCurrentScreenMode 73
OvDotNetOvScreenModeEventHandler 268
OvDotNetApiScreenModeChanged 208

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3.27 OvScreenModeArgs Class

OutsideView .NET Automation Interface Component

OvScreenModeArgs Class

Screen mode event arguments

Inheritance Hierarchy

SystemObject
SystemEventArgs
OvDotNetOvScreenModeArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 264
VB 264
C++
Copy 264

```
public class OvScreenModeArgs : EventArgs
Public Class OvScreenModeArgs
 Inherits EventArgs
public ref class OvScreenModeArgs : public EventArgs
```

The OvScreenModeArgs type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference
OvDotNet Namespace 26
OvDotNetOvScreenMode 263

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3.27.1 OvScreenModeArgs Properties

OutsideView .NET Automation Interface Component

OvScreenModeArgs Properties

The OvScreenModeArgs 264 type exposes the following members.

Properties

	Name	Description
	Mode 266	Current screen operating mode

Top

See Also

Reference

OvScreenModeArgs Class 264
OvDotNet Namespace 26

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3.27.1.1 Mode Property

OutsideView .NET Automation Interface Component

OvScreenModeArgsMode Property

Current screen operating mode

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 266
VB 266
C++
Copy 266

```
public OvScreenMode Mode { get; }
Public ReadOnly Property Mode As OvScreenMode
 Get
public:
property OvScreenMode Mode {
 OvScreenMode get ();
}
```

Property Value

Type: OvScreenMode

See Also

Reference

OvScreenModeArgs Class 264
OvDotNet Namespace 26

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3.27.2 OvScreenModeArgs Methods

OutsideView .NET Automation Interface Component

OvScreenModeArgs Methods

The OvScreenModeArgs 264 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the

		current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvScreenModeArgs Class 264
OvDotNet Namespace 26

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3.28 OvScreenModeEventHandler Delegate

OutsideView .NET Automation Interface Component

OvScreenModeEventHandler Delegate

Screen format mode event from the emulation

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 268
VB 268
C++
Copy 268

```
public delegate void OvScreenModeEventHandler(
 Object sender,
 OvScreenModeArgs e
)
Public Delegate Sub OvScreenModeEventHandler (
 sender As Object,
 e As OvScreenModeArgs
)
public delegate void OvScreenModeEventHandler(
 Object^ sender,
 OvScreenModeArgs^ e
)
```

Parameters

sender

Type: SystemObject

Interface component object

e

Type: OvDotNetOvScreenModeArgs 264

OvScreenModeArgs containing the current screen mode

See Also

Reference

OvDotNet Namespace 26

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3.29 OvSessionState Enumeration

OutsideView .NET Automation Interface Component

OvSessionState Enumeration

The state of the current host session:

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 269
VB 269
C++
Copy 269

```
public enum OvSessionState
```

```
Public Enumeration OvSessionState
public enum class OvSessionState
```

Field Value

Type:

Members

See Also

Reference

OvDotNet Namespace 26
OvDotNetApiCurrentSessionState 75
OvDotNetApiSessionStateChanged 210
OvDotNetOvSessionStateEventHandler 275
OvDotNetOvSessionStateArgs 270

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3.30 OvSessionStateArgs Class

OutsideView .NET Automation Interface Component

OvSessionStateArgs Class

Host session state event arguments

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetOvSessionStateArgs

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 270
VB 270

C++
Copy 270
```
public class OvSessionStateArgs : EventArgs
Public Class OvSessionStateArgs
 Inherits EventArgs
public ref class OvSessionStateArgs : public EventArgs
```
The OvSessionStateArgs type exposes the following members.

Properties

Top

Methods

Top

See Also

Reference
OvDotNet Namespace 26
OvDotNetOvSessionState 269
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3.30.1 OvSessionStateArgs Properties

OutsideView .NET Automation Interface Component

OvSessionStateArgs Properties

The OvSessionStateArgs 270 type exposes the following members.

Properties

	Name	Description

	ConnectionState 272	Current host link session state
	Message 273	Message about the source of the event

Top

See Also

Reference

OvSessionStateArgs Class 270
OvDotNet Namespace 26

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3.30.1.1 ConnectionState Property

OutsideView .NET Automation Interface Component

OvSessionStateArgsConnectionState Property

Current host link session state
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 272
VB 272
C++
Copy 272

```
public OvSessionState ConnectionState { get; }
Public ReadOnly Property ConnectionState As OvSessionState
 Get
public:
property OvSessionState ConnectionState {
 OvSessionState get ();
}
```

Property Value

Type: OvSessionState

See Also

Reference

OvSessionStateArgs Class 270
OvDotNet Namespace 26

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3.30.1.2 Message Property

OutsideView .NET Automation Interface Component

OvSessionStateArgsMessage Property

Message about the source of the event

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 273
VB 273
C++
Copy 273

```
public string Message { get; }
Public ReadOnly Property Message As String
 Get
public:
property String^ Message {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

OvSessionStateArgs Class 270
OvDotNet Namespace 26

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3.30.2 OvSessionStateArgs Methods

OutsideView .NET Automation Interface Component

OvSessionStateArgs Methods

The OvSessionStateArgs 270 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

OvSessionStateArgs Class 270

OvDotNet Namespace 26

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3.31 OvSessionStateEventHandler Delegate

OutsideView .NET Automation Interface Component

OvSessionStateEventHandler Delegate

Event notification of a change in the current host session connection state

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 275
VB 275
C++
Copy 275

```
public delegate void OvSessionStateEventHandler(
 Object sender,
 OvSessionStateArgs e
)
Public Delegate Sub OvSessionStateEventHandler (
 sender As Object,
 e As OvSessionStateArgs
)
public delegate void OvSessionStateEventHandler(
 Object^ sender,
 OvSessionStateArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: OvDotNetOvSessionStateArgs 270
OVMessageEventsArgs containing the event type and event info...

See Also

Reference

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3.32 OvSizeChangeEventHandler Delegate

OutsideView .NET Automation Interface Component

OvSizeChangeEventHandler Delegate

Session Window size has changed in the number of rows or columns displayed
Namespace: OvDotNet 26
Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 276
VB 276
C++
Copy 276

```
public delegate void OvSizeChangeEventHandler(
 Object sender,
 EventArgs e
)
Public Delegate Sub OvSizeChangeEventHandler (
 sender As Object,
 e As EventArgs
)
public delegate void OvSizeChangeEventHandler(
 Object^ sender,
 EventArgs^ e
)
```

Parameters

sender

Type: SystemObject
Interface component object

e

Type: SystemEventArgs
default event arguments object

See Also

Reference

OvDotNet Namespace 26

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3.33 TN3270FunctionKey Enumeration

OutsideView .NET Automation Interface Component

TN3270FunctionKey Enumeration

List of available function keys for the IBM 3270 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 277
VB 277
C++
Copy 277

```
public enum TN3270FunctionKey
Public Enumeration TN3270FunctionKey
public enum class TN3270FunctionKey
```

Members

See Also

Reference

OvDotNet Namespace 26

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3.34 TN5250FunctionKey Enumeration

OutsideView .NET Automation Interface Component

TN5250FunctionKey Enumeration

List of available function keys for the IBM 5250 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 278
VB 278
C++
Copy 278

```
public enum TN5250FunctionKey
Public Enumeration TN5250FunctionKey
public enum class TN5250FunctionKey
```

Members

See Also

Reference

OvDotNet Namespace 26

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3.35 TN6530FunctionKey Enumeration

OutsideView .NET Automation Interface Component

TN6530FunctionKey Enumeration

List of available function keys for the 6530 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 279
VB 279
C++
Copy 279

```
public enum TN6530FunctionKey
Public Enumeration TN6530FunctionKey
public enum class TN6530FunctionKey
```

Members

See Also

Reference

OvDotNet Namespace 26

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3.36 TTYFunctionKey Enumeration

OutsideView .NET Automation Interface Component

TTYFunctionKey Enumeration

List of available function keys for the TTY emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 280
VB 280
C++
Copy 280

```
public enum TTYFunctionKey
Public Enumeration TTYFunctionKey
public enum class TTYFunctionKey
```

Members

See Also

Reference

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3.37 VisualizeScreenLayout Class

OutsideView .NET Automation Interface Component

VisualizeScreenLayout Class

WinForm dialog to visualize or make selections from the current emulation screen. This is great for seeing the underlying screen structure for host formated screens with TN3270, TN5250 and TN6530 emulators.

Inheritance Hierarchy

SystemObject
  SystemMarshalByRefObject
    System.ComponentModelComponent
      System.Windows.FormsControl
        System.Windows.FormsScrollableControl
          System.Windows.FormsContainerControl
            System.Windows.FormsForm
              OvDotNetVisualizeScreenLayout

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 280
VB 280
C++
Copy 280

```
public class VisualizeScreenLayout : Form
Public Class VisualizeScreenLayout
 Inherits Form
public ref class VisualizeScreenLayout : public Form
```

The VisualizeScreenLayout type exposes the following members.

Properties

Top

Methods

Top

Events

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Top

See Also

Reference

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3.37.1 VisualizeScreenLayout Properties

OutsideView .NET Automation Interface Component

VisualizeScreenLayout Properties

The VisualizeScreenLayout 280 type exposes the following members.

Properties

	Name	Description
	AcceptButton	Gets or sets the button on the form that is clicked when the user presses the ENTER key. (Inherited from Form.)
	AccessibilityObject	Gets the AccessibleObject assigned to the control. (Inherited from Control.)
	AccessibleDefaultActionDescription	Gets or sets the default action description of the control for use by accessibility client applications. (Inherited from Control.)
	AccessibleDescription	Gets or sets the description of the control used by accessibility client applications.

		(Inherited from Control.)
	AccessibleName	Gets or sets the name of the control used by accessibility client applications. (Inherited from Control.)
	AccessibleRole	Gets or sets the accessible role of the control (Inherited from Control.)
	ActiveControl	Gets or sets the active control on the container control. (Inherited from ContainerControl.)
	ActiveMdiChild	Gets the currently active multiple-document interface (MDI) child window. (Inherited from Form.)
	AllowDrop	Gets or sets a value indicating whether the control can accept data that the user drags onto it. (Inherited from Control.)
	AllowTransparency	Gets or sets a value indicating whether the opacity of the form can be adjusted. (Inherited from Form.)
	Anchor	Gets or sets the edges of the container to which a control is bound and determines how a control is resized with its parent. (Inherited from Control.)
	AutoScale	**Obsolete.** Gets or sets a value indicating whether the form adjusts its size to fit the height of the font used on the form and scales its controls. (Inherited from Form.)
	AutoScaleBaseSize	Gets or sets the base size used for autoscaling of the form. (Inherited from Form.)

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	AutoScaleDimensions	Gets or sets the dimensions that the control was designed to. (Inherited from ContainerControl.)
	AutoScaleMode	Gets or sets the automatic scaling mode of the control. (Inherited from ContainerControl.)
	AutoScroll	Gets or sets a value indicating whether the form enables autoscrolling. (Inherited from Form.)
	AutoScrollMargin	Gets or sets the size of the auto-scroll margin. (Inherited from ScrollableControl.)
	AutoScrollMinSize	Gets or sets the minimum size of the auto-scroll. (Inherited from ScrollableControl.)
	AutoScrollOffset	Gets or sets where this control is scrolled to in ScrollControlIntoView(Control). (Inherited from Control.)
	AutoScrollPosition	Gets or sets the location of the auto-scroll position. (Inherited from ScrollableControl.)
	AutoSize	Resize the form according to the setting of AutoSizeMode. (Inherited from Form.)
	AutoSizeMode	Gets or sets the mode by which the form automatically resizes itself. (Inherited from Form.)
	AutoValidate	(Inherited from Form.)
	BackColor	(Inherited from Form.)
	BackgroundImage	Gets or sets the background image displayed in the control. (Inherited from Control.)

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	BackgroundImageLayout	Gets or sets the background image layout as defined in the ImageLayout enumeration. (Inherited from Control.)
	BindingContext	(Inherited from ContainerControl.)
	Bottom	Gets the distance, in pixels, between the bottom edge of the control and the top edge of its container's client area. (Inherited from Control.)
	Bounds	Gets or sets the size and location of the control including its nonclient elements, in pixels, relative to the parent control. (Inherited from Control.)
	CancelButton	Gets or sets the button control that is clicked when the user presses the ESC key. (Inherited from Form.)
	CanFocus	Gets a value indicating whether the control can receive focus. (Inherited from Control.)
	CanSelect	Gets a value indicating whether the control can be selected. (Inherited from Control.)
	Capture	Gets or sets a value indicating whether the control has captured the mouse. (Inherited from Control.)
	CausesValidation	Gets or sets a value indicating whether the control causes validation to be performed on any controls that require validation when it receives focus. (Inherited from Control.)
	ClientRectangle	Gets the rectangle that represents the client area of the control.

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		(Inherited from Control.)
	ClientSize	Gets or sets the size of the client area of the form. (Inherited from Form.)
	CompanyName	Gets the name of the company or creator of the application containing the control. (Inherited from Control.)
	Container	Gets the IContainer that contains the Component. (Inherited from Component.)
	ContainsFocus	Gets a value indicating whether the control, or one of its child controls, currently has the input focus. (Inherited from Control.)
	ContextMenu	Gets or sets the shortcut menu associated with the control. (Inherited from Control.)
	ContextMenuStrip	Gets or sets the ContextMenuStrip associated with this control. (Inherited from Control.)
	ControlBox	Gets or sets a value indicating whether a control box is displayed in the caption bar of the form. (Inherited from Form.)
	Controls	Gets the collection of controls contained within the control. (Inherited from Control.)
	Created	Gets a value indicating whether the control has been created. (Inherited from Control.)
	CurrentAutoScaleDimensions	Gets the current run-time dimensions of the screen. (Inherited from ContainerControl.)
	Cursor	Gets or sets the cursor that is displayed when the mouse

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		pointer is over the control. (Inherited from Control.)
	DataBindings	Gets the data bindings for the control. (Inherited from Control.)
	DataFieldString	DataField selection result
	DesktopBounds	Gets or sets the size and location of the form on the Windows desktop. (Inherited from Form.)
	DesktopLocation	Gets or sets the location of the form on the Windows desktop. (Inherited from Form.)
	DialogResult	Gets or sets the dialog result for the form. (Inherited from Form.)
	DisplayRectangle	Gets the rectangle that represents the virtual display area of the control. (Inherited from ScrollableControl.)
	Disposing	Gets a value indicating whether the base Control class is in the process of disposing. (Inherited from Control.)
	Dock	Gets or sets which control borders are docked to its parent control and determines how a control is resized with its parent. (Inherited from Control.)
	DockPadding	Gets the dock padding settings for all edges of the control. (Inherited from ScrollableControl.)
	Enabled	Gets or sets a value indicating whether the control can respond to user interaction. (Inherited from Control.)
	Focused	Gets a value indicating whether the control has input focus.

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		(Inherited from Control.)
	Font	Gets or sets the font of the text displayed by the control. (Inherited from Control.)
	ForeColor	Gets or sets the foreground color of the control. (Inherited from Control.)
	FormBorderStyle	Gets or sets the border style of the form. (Inherited from Form.)
	Handle	Gets the window handle that the control is bound to. (Inherited from Control.)
	HasChildren	Gets a value indicating whether the control contains one or more child controls. (Inherited from Control.)
	Height	Gets or sets the height of the control. (Inherited from Control.)
	HelpButton	Gets or sets a value indicating whether a Help button should be displayed in the caption box of the form. (Inherited from Form.)
	HorizontalScroll	Gets the characteristics associated with the horizontal scroll bar. (Inherited from ScrollableControl.)
	Icon	Gets or sets the icon for the form. (Inherited from Form.)
	ImeMode	Gets or sets the Input Method Editor (IME) mode of the control. (Inherited from Control.)
	InvokeRequired	Gets a value indicating whether the caller must call an invoke method when making method

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		calls to the control because the caller is on a different thread than the one the control was created on. (Inherited from Control.)
	IsAccessible	Gets or sets a value indicating whether the control is visible to accessibility applications. (Inherited from Control.)
	IsDisposed	Gets a value indicating whether the control has been disposed of. (Inherited from Control.)
	IsHandleCreated	Gets a value indicating whether the control has a handle associated with it. (Inherited from Control.)
	IsMdiChild	Gets a value indicating whether the form is a multiple-document interface (MDI) child form. (Inherited from Form.)
	IsMdiContainer	Gets or sets a value indicating whether the form is a container for multiple-document interface (MDI) child forms. (Inherited from Form.)
	IsMirrored	Gets a value indicating whether the control is mirrored. (Inherited from Control.)
	IsRestrictedWindow	Gets a value indicating whether the form can use all windows and user input events without restriction. (Inherited from Form.)
	KeyPreview	Gets or sets a value indicating whether the form will receive key events before the event is passed to the control that has focus.

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		(Inherited from Form.)
	LayoutEngine	Gets a cached instance of the control's layout engine. (Inherited from Control.)
	Left	Gets or sets the distance, in pixels, between the left edge of the control and the left edge of its container's client area. (Inherited from Control.)
	Location	Gets or sets the Point that represents the upper-left corner of the Form in screen coordinates. (Inherited from Form.)
	MainMenuStrip	Gets or sets the primary menu container for the form. (Inherited from Form.)
	Margin	Gets or sets the space between controls. (Inherited from Form.)
	MaximizeBox	Gets or sets a value indicating whether the Maximize button is displayed in the caption bar of the form. (Inherited from Form.)
	MaximumSize	Gets the maximum size the form can be resized to. (Inherited from Form.)
	MdiChildren	Gets an array of forms that represent the multiple-document interface (MDI) child forms that are parented to this form. (Inherited from Form.)
	MdiParent	Gets or sets the current multiple-document interface (MDI) parent form of this form. (Inherited from Form.)
	Menu	Gets or sets the MainMenu that is displayed in the form.

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		(Inherited from Form.)
	MergedMenu	Gets the merged menu for the form. (Inherited from Form.)
	MinimizeBox	Gets or sets a value indicating whether the Minimize button is displayed in the caption bar of the form. (Inherited from Form.)
	MinimumSize	Gets or sets the minimum size the form can be resized to. (Inherited from Form.)
	Modal	Gets a value indicating whether this form is displayed modally. (Inherited from Form.)
	Name	Gets or sets the name of the control. (Inherited from Control.)
	NameString 296	DataField selection result
	Opacity	Gets or sets the opacity level of the form. (Inherited from Form.)
	OwnedForms	Gets an array of Form objects that represent all forms that are owned by this form. (Inherited from Form.)
	Owner	Gets or sets the form that owns this form. (Inherited from Form.)
	Padding	Gets or sets padding within the control. (Inherited from Control.)
	Parent	Gets or sets the parent container of the control. (Inherited from Control.)
	ParentForm	Gets the form that the container control is assigned to. (Inherited from ContainerControl.)

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	PreferredSize	Gets the size of a rectangular area into which the control can fit. (Inherited from Control.)
	ProductName	Gets the product name of the assembly containing the control. (Inherited from Control.)
	ProductVersion	Gets the version of the assembly containing the control. (Inherited from Control.)
	RecreatingHandle	Gets a value indicating whether the control is currently re-creating its handle. (Inherited from Control.)
	RegExString 297	Data selection result as simple regex string
	Region	Gets or sets the window region associated with the control. (Inherited from Control.)
	RestoreBounds	Gets the location and size of the form in its normal window state. (Inherited from Form.)
	Right	Gets the distance, in pixels, between the right edge of the control and the left edge of its container's client area. (Inherited from Control.)
	RightToLeft	Gets or sets a value indicating whether control's elements are aligned to support locales using right-to-left fonts. (Inherited from Control.)
	RightToLeftLayout	Gets or sets a value indicating whether right-to-left mirror placement is turned on. (Inherited from Form.)
	ScreenExtractString 298	DataField selection result
	ShowIcon	Gets or sets a value indicating whether an icon is displayed in the caption bar of the form.

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		(Inherited from Form.)
	ShowInTaskbar	Gets or sets a value indicating whether the form is displayed in the Windows taskbar. (Inherited from Form.)
	Site	Gets or sets the site of the control. (Inherited from Control.)
	Size	Gets or sets the size of the form. (Inherited from Form.)
	SizeGripStyle	Gets or sets the style of the size grip to display in the lower-right corner of the form. (Inherited from Form.)
	StartPosition	Gets or sets the starting position of the form at run time. (Inherited from Form.)
	StatusLineExtractString 299	DataField selection result
	TabIndex	Gets or sets the tab order of the control within its container. (Inherited from Form.)
	TabStop	Gets or sets a value indicating whether the user can give the focus to this control using the TAB key. (Inherited from Form.)
	Tag	Gets or sets the object that contains data about the control. (Inherited from Control.)
	Text	(Inherited from Form.)
	Top	Gets or sets the distance, in pixels, between the top edge of the control and the top edge of its container's client area. (Inherited from Control.)
	TopLevel	Gets or sets a value indicating whether to display the form as a top-level window. (Inherited from Form.)

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	TopLevelControl	Gets the parent control that is not parented by another Windows Forms control. Typically, this is the outermost Form that the control is contained in. (Inherited from Control.)
	TopMost	Gets or sets a value indicating whether the form should be displayed as a topmost form. (Inherited from Form.)
	TransparencyKey	Gets or sets the color that will represent transparent areas of the form. (Inherited from Form.)
	UseWaitCursor	Gets or sets a value indicating whether to use the wait cursor for the current control and all child controls. (Inherited from Control.)
	VerticalScroll	Gets the characteristics associated with the vertical scroll bar. (Inherited from ScrollableControl.)
	Visible	Gets or sets a value indicating whether the control and all its child controls are displayed. (Inherited from Control.)
	Width	Gets or sets the width of the control. (Inherited from Control.)
	WindowState	Gets or sets a value that indicates whether form is minimized, maximized, or normal. (Inherited from Form.)
	WindowTarget	This property is not relevant for this class. (Inherited from Control.)

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Top

See Also

Reference

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3.37.1.1 DataFieldString Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutDataFieldString Property

DataField selection result

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 295
VB 295
C++
Copy 295

```
public string DataFieldString { get; set; }
Public Property DataFieldString As String
 Get
 Set
public:
property String^ DataFieldString {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

See Also

Reference

VisualizeScreenLayout Class 280
OvDotNet Namespace 26

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3.37.1.2 NameString Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutNameString Property

DataField selection result

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 296
VB 296
C++
Copy 296

```
public string NameString { get; }
Public ReadOnly Property NameString As String
 Get
public:
property String^ NameString {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

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3.37.1.3 RegExString Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutRegExString Property

Data selection result as simple regex string

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 297
VB 297
C++
Copy 297

```
public string RegExString { get; }
Public ReadOnly Property RegExString As String
 Get
public:
property String^ RegExString {
 String^ get ();
}
```

Property Value

Type: String

See Also

Reference

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3.37.1.4 ScreenExtractString Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutScreenExtractString Property

DataField selection result

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 298
VB 298
C++
Copy 298

```
public string ScreenExtractString { get; set; }
Public Property ScreenExtractString As String
 Get
 Set
public:
property String^ ScreenExtractString {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

See Also

Reference

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OvDotNet Namespace 26

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3.37.1.5 StatusLineExtractString Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutStatusLineExtractString Property

DataField selection result

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 299
VB 299
C++
Copy 299

```
public string StatusLineExtractString { get; set; }
Public Property StatusLineExtractString As String
 Get
 Set
public:
property String^ StatusLineExtractString {
 String^ get ();
 void set (String^ value);
}
```

Property Value

Type: String

See Also

Reference

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3.37.2 VisualizeScreenLayout Methods

OutsideView .NET Automation Interface Component

VisualizeScreenLayout Methods

The VisualizeScreenLayout type exposes the following members.

Methods

	Name	Description
	Activate	Activates the form and gives it focus. (Inherited from Form.)
	AddOwnedForm	Adds an owned form to this form. (Inherited from Form.)
	BeginInvoke(Delegate)	Executes the specified delegate asynchronously on the thread that the control's underlying handle was created on. (Inherited from Control.)
	BeginInvoke(Delegate, Object)	Executes the specified delegate asynchronously with the specified arguments, on the thread that the control's underlying handle was created on. (Inherited from Control.)
	BringToFront	Brings the control to the front of the z-order. (Inherited from Control.)
	Close	Closes the form. (Inherited from Form.)
	Contains	Retrieves a value indicating whether the specified control is

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		a child of the control. (Inherited from Control.)
	CreateControl	Forces the creation of the visible control, including the creation of the handle and any visible child controls. (Inherited from Control.)
	CreateGraphics	Creates the Graphics for the control. (Inherited from Control.)
	CreateObjRef	Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object. (Inherited from MarshalByRefObject.)
	Dispose	Releases all resources used by the Component. (Inherited from Component.)
	DoDragDrop	Begins a drag-and-drop operation. (Inherited from Control.)
	DrawToBitmap	Supports rendering to the specified bitmap. (Inherited from Control.)
	EnableRealTimeUpdate 309	Enable events, so that the visualizer updates as the user navigates from screen to screen.
	EndInvoke	Retrieves the return value of the asynchronous operation represented by the IAsyncResult passed. (Inherited from Control.)
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	FindForm	Retrieves the form that the control is on.

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		(Inherited from Control.)
	Focus	Sets input focus to the control. (Inherited from Control.)
	GetChildAtPoint(Point)	Retrieves the child control that is located at the specified coordinates. (Inherited from Control.)
	GetChildAtPoint(Point, GetChildAtPointSkip)	Retrieves the child control that is located at the specified coordinates, specifying whether to ignore child controls of a certain type. (Inherited from Control.)
	GetContainerControl	Returns the next ContainerControl up the control's chain of parent controls. (Inherited from Control.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetLifetimeService	Retrieves the current lifetime service object that controls the lifetime policy for this instance. (Inherited from MarshalByRefObject.)
	GetNextControl	Retrieves the next control forward or back in the tab order of child controls. (Inherited from Control.)
	GetPreferredSize	Retrieves the size of a rectangular area into which a control can be fitted. (Inherited from Control.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	Hide	Conceals the control from the user. (Inherited from Control.)

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	InitializeLifetimeService	Obtains a lifetime service object to control the lifetime policy for this instance. (Inherited from MarshalByRefObject.)
	Invalidate	Invalidates the entire surface of the control and causes the control to be redrawn. (Inherited from Control.)
	Invalidate(Region)	Invalidates the specified region of the control (adds it to the control's update region, which is the area that will be repainted at the next paint operation), and causes a paint message to be sent to the control. (Inherited from Control.)
	Invalidate(Boolean)	Invalidates a specific region of the control and causes a paint message to be sent to the control. Optionally, invalidates the child controls assigned to the control. (Inherited from Control.)
	Invalidate(Rectangle)	Invalidates the specified region of the control (adds it to the control's update region, which is the area that will be repainted at the next paint operation), and causes a paint message to be sent to the control. (Inherited from Control.)
	Invalidate(Region, Boolean)	Invalidates the specified region of the control (adds it to the control's update region, which is the area that will be repainted at the next paint operation), and causes a paint message to be sent to the control. Optionally, invalidates the child controls assigned to the control.

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		(Inherited from Control.)
	Invalidate(Rectangle, Boolean)	Invalidates the specified region of the control (adds it to the control's update region, which is the area that will be repainted at the next paint operation), and causes a paint message to be sent to the control. Optionally, invalidates the child controls assigned to the control. (Inherited from Control.)
	Invoke(Delegate)	Executes the specified delegate on the thread that owns the control's underlying window handle. (Inherited from Control.)
	Invoke(Delegate, Object)	Executes the specified delegate, on the thread that owns the control's underlying window handle, with the specified list of arguments. (Inherited from Control.)
	LayoutMdi	Arranges the multiple-document interface (MDI) child forms within the MDI parent form. (Inherited from Form.)
	PerformAutoScale	Performs scaling of the container control and its children. (Inherited from ContainerControl.)
	PerformLayout	Forces the control to apply layout logic to all its child controls. (Inherited from Control.)
	PerformLayout(Control, String)	Forces the control to apply layout logic to all its child controls. (Inherited from Control.)

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	PointToClient	Computes the location of the specified screen point into client coordinates. (Inherited from Control.)
	PointToScreen	Computes the location of the specified client point into screen coordinates. (Inherited from Control.)
	PreProcessControlMessage	Preprocesses keyboard or input messages within the message loop before they are dispatched. (Inherited from Control.)
	PreProcessMessage	Preprocesses keyboard or input messages within the message loop before they are dispatched. (Inherited from Control.)
	RectangleToClient	Computes the size and location of the specified screen rectangle in client coordinates. (Inherited from Control.)
	RectangleToScreen	Computes the size and location of the specified client rectangle in screen coordinates. (Inherited from Control.)
	Refresh	Forces the control to invalidate its client area and immediately redraw itself and any child controls. (Inherited from Control.)
	RemoveOwnedForm	Removes an owned form from this form. (Inherited from Form.)
	ResetBackColor	Resets the BackColor property to its default value. (Inherited from Control.)
	ResetBindings	Causes a control bound to the BindingSource to reread all the

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		items in the list and refresh their displayed values. (Inherited from Control.)
	ResetCursor	Resets the Cursor property to its default value. (Inherited from Control.)
	ResetFont	Resets the Font property to its default value. (Inherited from Control.)
	ResetForeColor	Resets the ForeColor property to its default value. (Inherited from Control.)
	ResetImeMode	Resets the ImeMode property to its default value. (Inherited from Control.)
	ResetRightToLeft	Resets the RightToLeft property to its default value. (Inherited from Control.)
	ResetText	Resets the Text property to its default value. (Inherited from Control.)
	ResumeLayout	Resumes usual layout logic. (Inherited from Control.)
	ResumeLayout(Boolean)	Resumes usual layout logic, optionally forcing an immediate layout of pending layout requests. (Inherited from Control.)
	Scale(Single)	**Obsolete.** Scales the control and any child controls. (Inherited from Control.)
	Scale(SizeF)	Scales the control and all child controls by the specified scaling factor. (Inherited from Control.)
	Scale(Single, Single)	**Obsolete.** Scales the entire control and any child controls. (Inherited from Control.)

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	ScrollControlIntoView	Scrolls the specified child control into view on an auto-scroll enabled control. (Inherited from ScrollableControl.)
	Select	Activates the control. (Inherited from Control.)
	SelectNextControl	Activates the next control. (Inherited from Control.)
	SendToBack	Sends the control to the back of the z-order. (Inherited from Control.)
	SetAutoScrollMargin	Sets the size of the auto-scroll margins. (Inherited from ScrollableControl.)
	SetBounds(Int32, Int32, Int32, Int32)	Sets the bounds of the control to the specified location and size. (Inherited from Control.)
	SetBounds(Int32, Int32, Int32, Int32, BoundsSpecified)	Sets the specified bounds of the control to the specified location and size. (Inherited from Control.)
	SetDesktopBounds	Sets the bounds of the form in desktop coordinates. (Inherited from Form.)
	SetDesktopLocation	Sets the location of the form in desktop coordinates. (Inherited from Form.)
	Show	Displays the control to the user. (Inherited from Control.)
	Show(IWin32Window)	Shows the form with the specified owner to the user. (Inherited from Form.)
	ShowDialog	Shows the form as a modal dialog box. (Inherited from Form.)
	ShowDialog(IWin32Window)	Shows the form as a modal dialog box with the specified

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		owner. (Inherited from Form.)
	SuspendLayout	Temporarily suspends the layout logic for the control. (Inherited from Control.)
	ToString	Gets a string representing the current instance of the form. (Inherited from Form.)
	Update	Causes the control to redraw the invalidated regions within its client area. (Inherited from Control.)
	Validate	Verifies the value of the control losing focus by causing the Validating and Validated events to occur, in that order. (Inherited from ContainerControl.)
	Validate(Boolean)	Verifies the value of the control that is losing focus; conditionally dependent on whether automatic validation is turned on. (Inherited from ContainerControl.)
	ValidateChildren	(Inherited from Form.)
	ValidateChildren(ValidationConstraints)	(Inherited from Form.)

Top

See Also

Reference

VisualizeScreenLayout Class 280
OvDotNet Namespace 26

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3.37.2.1 EnableRealTimeUpdate Method

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutEnableRealTimeUpdate Method

Enable events, so that the visualizer updates as the user navigates from screen to screen.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 309
VB 309
C++
Copy 309

```
public void EnableRealTimeUpdate()
Public Sub EnableRealTimeUpdate
public:
void EnableRealTimeUpdate()
```

See Also

Reference

VisualizeScreenLayout Class 280
OvDotNet Namespace 26

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3.37.3 VisualizeScreenLayout Events

OutsideView .NET Automation Interface Component

VisualizeScreenLayout Events

The VisualizeScreenLayout 280 type exposes the following members.

Events

	Name	Description
	Activated	Occurs when the form is activated in code or by the user. (Inherited from Form.)
	AutoSizeChanged	Occurs when the AutoSize property changes. (Inherited from Form.)
	AutoValidateChanged	Occurs when the AutoValidate property changes. (Inherited from Form.)
	BackColorChanged	Occurs when the value of the BackColor property changes. (Inherited from Control.)
	BackgroundImageChanged	Occurs when the value of the BackgroundImage property changes. (Inherited from Control.)
	BackgroundImageLayoutChanged	Occurs when the BackgroundImageLayout property changes. (Inherited from Control.)
	BindingContextChanged	Occurs when the value of the BindingContext property changes. (Inherited from Control.)
	CausesValidationChanged	Occurs when the value of the CausesValidation property changes. (Inherited from Control.)
	ChangeUICues	Occurs when the focus or keyboard user interface (UI) cues change. (Inherited from Control.)
	Click	Occurs when the control is clicked. (Inherited from Control.)
	ClientSizeChanged	Occurs when the value of the ClientSize property changes. (Inherited from Control.)

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	Closed	Occurs when the form is closed. (Inherited from Form.)
	Closing	Occurs when the form is closing. (Inherited from Form.)
	ContextMenuChanged	Occurs when the value of the ContextMenu property changes. (Inherited from Control.)
	ContextMenuStripChanged	Occurs when the value of the ContextMenuStrip property changes. (Inherited from Control.)
	ControlAdded	Occurs when a new control is added to the ControlControlCollection. (Inherited from Control.)
	ControlRemoved	Occurs when a control is removed from the ControlControlCollection. (Inherited from Control.)
	CursorChanged	Occurs when the value of the Cursor property changes. (Inherited from Control.)
	Deactivate	Occurs when the form loses focus and is no longer the active form. (Inherited from Form.)
	Disposed	Occurs when the component is disposed by a call to the Dispose method. (Inherited from Component.)
	DockChanged	Occurs when the value of the Dock property changes. (Inherited from Control.)
	DoubleClick	Occurs when the control is double-clicked. (Inherited from Control.)
	DragDrop	Occurs when a drag-and-drop operation is completed. (Inherited from Control.)

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	DragEnter	Occurs when an object is dragged into the control's bounds. (Inherited from Control.)
	DragLeave	Occurs when an object is dragged out of the control's bounds. (Inherited from Control.)
	DragOver	Occurs when an object is dragged over the control's bounds. (Inherited from Control.)
	EnabledChanged	Occurs when the Enabled property value has changed. (Inherited from Control.)
	Enter	Occurs when the control is entered. (Inherited from Control.)
	FontChanged	Occurs when the Font property value changes. (Inherited from Control.)
	ForeColorChanged	Occurs when the ForeColor property value changes. (Inherited from Control.)
	FormClosed	Occurs after the form is closed. (Inherited from Form.)
	FormClosing	Occurs before the form is closed. (Inherited from Form.)
	GiveFeedback	Occurs during a drag operation. (Inherited from Control.)
	GotFocus	Occurs when the control receives focus. (Inherited from Control.)
	HandleCreated	Occurs when a handle is created for the control. (Inherited from Control.)
	HandleDestroyed	Occurs when the control's handle is in the process of being destroyed.

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		(Inherited from Control.)
	HelpButtonClicked	Occurs when the Help button is clicked. (Inherited from Form.)
	HelpRequested	Occurs when the user requests help for a control. (Inherited from Control.)
	ImeModeChanged	Occurs when the ImeMode property has changed. (Inherited from Control.)
	InputLanguageChanged	Occurs after the input language of the form has changed. (Inherited from Form.)
	InputLanguageChanging	Occurs when the user attempts to change the input language for the form. (Inherited from Form.)
	Invalidated	Occurs when a control's display requires redrawing. (Inherited from Control.)
	KeyDown	Occurs when a key is pressed while the control has focus. (Inherited from Control.)
	KeyPress	Occurs when a character. space or backspace key is pressed while the control has focus. (Inherited from Control.)
	KeyUp	Occurs when a key is released while the control has focus. (Inherited from Control.)
	Layout	Occurs when a control should reposition its child controls. (Inherited from Control.)
	Leave	Occurs when the input focus leaves the control. (Inherited from Control.)
	Load	Occurs before a form is displayed for the first time. (Inherited from Form.)

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	LocationChanged	Occurs when the Location property value has changed. (Inherited from Control.)
	LostFocus	Occurs when the control loses focus. (Inherited from Control.)
	MarginChanged	Occurs when the Margin property changes. (Inherited from Form.)
	MaximizedBoundsChanged	Occurs when the value of the MaximizedBounds property has changed. (Inherited from Form.)
	MaximumSizeChanged	Occurs when the value of the MaximumSize property has changed. (Inherited from Form.)
	MdiChildActivate	Occurs when a multiple-document interface (MDI) child form is activated or closed within an MDI application. (Inherited from Form.)
	MenuComplete	Occurs when the menu of a form loses focus. (Inherited from Form.)
	MenuStart	Occurs when the menu of a form receives focus. (Inherited from Form.)
	MinimumSizeChanged	Occurs when the value of the MinimumSize property has changed. (Inherited from Form.)
	MouseCaptureChanged	Occurs when the control loses mouse capture. (Inherited from Control.)
	MouseClick	Occurs when the control is clicked by the mouse. (Inherited from Control.)
	MouseDoubleClick	Occurs when the control is double clicked by the mouse.

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		(Inherited from Control.)
	MouseDown	Occurs when the mouse pointer is over the control and a mouse button is pressed. (Inherited from Control.)
	MouseEnter	Occurs when the mouse pointer enters the control. (Inherited from Control.)
	MouseHover	Occurs when the mouse pointer rests on the control. (Inherited from Control.)
	MouseLeave	Occurs when the mouse pointer leaves the control. (Inherited from Control.)
	MouseMove	Occurs when the mouse pointer is moved over the control. (Inherited from Control.)
	MouseUp	Occurs when the mouse pointer is over the control and a mouse button is released. (Inherited from Control.)
	MouseWheel	Occurs when the mouse wheel moves while the control has focus. (Inherited from Control.)
	Move	Occurs when the control is moved. (Inherited from Control.)
	OnUserSelection 318	User selection of text on the data visualizer screen
	PaddingChanged	Occurs when the control's padding changes. (Inherited from Control.)
	Paint	Occurs when the control is redrawn. (Inherited from Control.)
	ParentChanged	Occurs when the Parent property value changes. (Inherited from Control.)

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	PreviewKeyDown	Occurs before the KeyDown event when a key is pressed while focus is on this control. (Inherited from Control.)
	QueryAccessibilityHelp	Occurs when AccessibleObject is providing help to accessibility applications. (Inherited from Control.)
	QueryContinueDrag	Occurs during a drag-and-drop operation and enables the drag source to determine whether the drag-and-drop operation should be canceled. (Inherited from Control.)
	RegionChanged	Occurs when the value of the Region property changes. (Inherited from Control.)
	Resize	Occurs when the control is resized. (Inherited from Control.)
	ResizeBegin	Occurs when a form enters resizing mode. (Inherited from Form.)
	ResizeEnd	Occurs when a form exits resizing mode. (Inherited from Form.)
	RightToLeftChanged	Occurs when the RightToLeft property value changes. (Inherited from Control.)
	RightToLeftLayoutChanged	Occurs after the value of the RightToLeftLayout property changes. (Inherited from Form.)
	Scroll	Occurs when the user or code scrolls through the client area. (Inherited from ScrollableControl.)
	Shown	Occurs whenever the form is first displayed. (Inherited from Form.)

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	SizeChanged	Occurs when the Size property value changes. (Inherited from Control.)
	StyleChanged	Occurs when the control style changes. (Inherited from Control.)
	SystemColorsChanged	Occurs when the system colors change. (Inherited from Control.)
	TabIndexChanged	Occurs when the value of the TabIndex property changes. (Inherited from Form.)
	TabStopChanged	Occurs when the TabStop property changes. (Inherited from Form.)
	TextChanged	Occurs when the Text property value changes. (Inherited from Control.)
	Validated	Occurs when the control is finished validating. (Inherited from Control.)
	Validating	Occurs when the control is validating. (Inherited from Control.)
	VisibleChanged	Occurs when the Visible property value changes. (Inherited from Control.)

Top

See Also

Reference

VisualizeScreenLayout Class 280
OvDotNet Namespace 26

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3.37.3.1 OnUserSelection Event

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutOnUserSelection Event

User selection of text on the data visualizer screen

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 318
VB 318
C++

Copy

```
public event VisualizeScreenLayoutUserSelection OnUserSelection
Public Event OnUserSelection As VisualizeScreenLayoutUserSelection
public:
 event VisualizeScreenLayoutUserSelection^ OnUserSelection {
 void add (VisualizeScreenLayoutUserSelection^ value);
 void remove (VisualizeScreenLayoutUserSelection^ value);
}
```

Value

Type: OvDotNetVisualizeScreenLayoutUserSelection

See Also

Reference

VisualizeScreenLayout Class 280
OvDotNet Namespace 26

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3.38 VisualizeScreenLayout.UserSelection Delegate

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutUserSelection Delegate

User selection of text on the data visualizer screen

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 319
VB 319
C++
Copy 319

```
public delegate void UserSelection(
 Object sender,
 VisualizeScreenLayoutUserSelectionType e
)
Public Delegate Sub UserSelection (
 sender As Object,
 e As VisualizeScreenLayoutUserSelectionType
)
public delegate void UserSelection(
 Object^ sender,
 VisualizeScreenLayoutUserSelectionType^ e
)
```

Parameters

sender

Type: SystemObject
form object

e

Type: OvDotNetVisualizeScreenLayoutUserSelectionType 320
selection type

See Also

Reference

OvDotNet Namespace 26

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3.39 VisualizeScreenLayout.UserSelectionType Class

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutUserSelectionType Class

User data selection type

Inheritance Hierarchy

SystemObject
  SystemEventArgs
    OvDotNetVisualizeScreenLayoutUserSelectionType

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 320
VB 320
C++
Copy 320

```
public class UserSelectionType : EventArgs
Public Class UserSelectionType
 Inherits EventArgs
public ref class UserSelectionType : public EventArgs
```

The VisualizeScreenLayoutUserSelectionType type exposes the following members.

Properties

Top

Methods

Top

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See Also

Reference

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3.39.1 UserSelectionType Properties

OutsideView .NET Automation Interface Component

UserSelectionType Properties

The VisualizeScreenLayoutUserSelectionType 320 type exposes the following members.

Properties

	Name	Description
	FieldSelect 322	true if user clicked on a field to select entire field

Top

See Also

Reference

VisualizeScreenLayoutUserSelectionType Class 320

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3.39.1.1 FieldSelect Property

OutsideView .NET Automation Interface Component

VisualizeScreenLayoutUserSelectionTypeFieldSelect Property

true if user clicked on a field to select entire field

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 322
VB 322
C++
Copy 322

```
public bool FieldSelect { get; }
Public ReadOnly Property FieldSelect As Boolean
 Get
public:
property bool FieldSelect {
 bool get ();
}
```

Property Value

Type: Boolean

See Also

Reference

VisualizeScreenLayoutUserSelectionType Class 320
OvDotNet Namespace 26

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3.39.2 UserSelectionType Methods

OutsideView .NET Automation Interface Component

UserSelectionType Methods

The VisualizeScreenLayoutUserSelectionType 320 type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object.)
	GetHashCode	Serves as the default hash function. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	ToString	Returns a string that represents the current object. (Inherited from Object.)

Top

See Also

Reference

VisualizeScreenLayoutUserSelectionType Class 320

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3.40 VT320FunctionKey Enumeration

OutsideView .NET Automation Interface Component

VT320FunctionKey Enumeration

List of available function keys for the VT320 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 324
VB 324
C++
Copy 324

```
public enum VT320FunctionKey
Public Enumeration VT320FunctionKey
public enum class VT320FunctionKey
```

Members

See Also

Reference

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3.41 Wyse50FunctionKey Enumeration

OutsideView .NET Automation Interface Component

Wyse50FunctionKey Enumeration

List of available function keys for the Wyse 50 emulator. Note there is helper function in OvDotNetApi.BindComboBoxToFunctionKeyList(ComboBox ctrl) to bind the list to ComboBox.

Namespace: OvDotNet 26

Assembly: OvDotNetApi (in OvDotNetApi.dll) Version: 9.0.0.3507 (9.0.0.3507)

Syntax

C# 325
VB 325
C++
Copy 325

```
public enum Wyse50FunctionKey
Public Enumeration Wyse50FunctionKey
public enum class Wyse50FunctionKey
```

Members

See Also

Reference

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Index

- A -

ADD enumeration member 324
AddUserTraceComment method 112
All enumeration member 217
AllKeys enumeration member 236
AlphaNumeric enumeration member 236
ALT_CURSOR_DOWN enumeration member 279
ALT_CURSOR_UP enumeration member 279
ALT_DELETE enumeration member 279
ALT_INSERT enumeration member 279
ALT_PAGE_DOWN enumeration member 279
ALT_PAGE_UP enumeration member 279
ALT_SHFT_CURSOR_DOWN enumeration member 279
ALT_SHFT_CURSOR_UP enumeration member 279
ALT_SHFT_DELETE enumeration member 279
ALT_SHFT_INSERT enumeration member 279
AltCursor enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
ANSWERBACK enumeration member 324
Any enumeration member 41
ApplicationId property 58
ApplicationRequest method 113
ATTN enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
ATTR_AUTO_TRANSMIT enumeration member 218
ATTR_AUTOTAB_DISABLED enumeration member 218
ATTR_BACKCOLOR enumeration member 218
ATTR_BLINKING enumeration member 218
ATTR_DISABLED enumeration member 218
ATTR_FIELD_MARK enumeration member 218
ATTR_FLD_DATATYPE enumeration member 218
ATTR_FLD_INPUTDEVICE enumeration member 218
ATTR_FORECOLOR enumeration member 218
ATTR_HIGHLIGHTED enumeration member 218
ATTR_LIGHT_PEN enumeration member 218
ATTR_MDT enumeration member 218
ATTR_NORMAL enumeration member 218
ATTR_NUMERIC_ONLY enumeration member 218
ATTR_PROTECTED_FIELD enumeration member 218
ATTR_REVERSE enumeration member 218
ATTR_STARTFIELD enumeration member 218
ATTR_SUPPRESSED enumeration member 218
ATTR_UNDERLINE enumeration member 218
ATTR_UPSHIFT enumeration member 218
ATTR_USECOLOR enumeration member 218
Attributes property 221
AutoPad property 239
AutoPadHostInputFields property 59
AutoStartOrAttach property 60
AutoTrimHostFields property 61
AutoUpdate property 240
AutoUpdateFields property 63
AutoUpdateHostInputFields property 64
Available property 260

- B -

BACK_SPACE enumeration member 325
BACK_TAB enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
BACKSPACE enumeration member 280
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
BindComboBoxToFunctionKeyList method 115
Block enumeration member 263
BREAK enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
BS enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324

- C -

CARRIAGE_RETURN enumeration member 325
Clear enumeration member

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Clear enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CLEAR_ALL_TABS enumeration member 279
CLEAR_LINE enumeration member 325
CLEAR_LINE_FIELD enumeration member 279
CLEAR_PAGE_FIELDS enumeration member 279
CLEAR_SCREEN enumeration member 325
CLEAR_TAB enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Clicking enumeration member 277
Column property 222
Columns property 65
ConnectFailed enumeration member 269
Connecting enumeration member 269
ConnectionState property 272
Conv enumeration member 263
CR enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
CrtAttribute method 119
CrtCls method 121
CrtCol property 66
CrtCopy method 121
CrtEmit method 123
CrtFieldSearch method 124
CrtGet method 128
CrtPosition method 130
CrtQuery method 131
CrtRow property 67
CrtSearch method 132
CrtSet method 136
CrtSetCursor method 137
CrtTrigger method 139
CrtTypeSet method 140
CTRL_DELETE enumeration member 279
CTRL_ENTER enumeration member 279
CTRL_HOME enumeration member 279
CTRL_INSERT enumeration member 279
CurrentContext property 38
CurrentEmulationType property 68
CurrentFocusState property 69
CurrentKeyboardState property 70
CurrentlySessionOwner property 71
CurrentOwner property 261
CurrentScreenContext property 72
CurrentScreenMode property 73
CurrentSessionOwner property 74
CurrentSessionState property 75
CURSOR_DOWN enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
CURSOR_LEFT enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
CURSOR_RIGHT enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
CURSOR_UP enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
CursorBlink enumeration member 277
CursorDown enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorFastLeft enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorFastRight enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorHome enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorLeft enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorMovement enumeration member 236
CursorRight enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
CursorSelect enumeration member 277
CursorUp enumeration member
TN3270FunctionKey Enumeration 277

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CursorUp enumeration member
TN5250FunctionKey Enumeration 278

- D -

Data enumeration member 217
DataCapture property 76
DataCaptureAccumulate property 77
DataCaptureEnable method 141
DataCaptureGetAndClear method 142
DataFields property 78
DataFieldString property 295
DataFieldsUpdate event 200
DataReceived event 201
DECIMAL enumeration member 324
Default enumeration member 236
DELETE enumeration member 279
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
DELETE_CHAR enumeration member
TTYFunctionKey Enumeration 280
Wyse50FunctionKey Enumeration 325
DELETE_LINE enumeration member 325
DevCancel enumeration member 277
DiaContext enumeration member 217
DiaContextActive event 202
Disconnected enumeration member 269
DO enumeration member 324
DualMonoCase enumeration member 277
DUP enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278

- E -

Editing enumeration member 236
Emit method 144
EmitBreak method 145
EmitFunctionKey method 146
EmitVirtualKey method 156
Emulation enumeration member 217
Emulation property 214
EmulationTypeActive event 203
EMULATOR_END enumeration member 279
EnableRealTimeUpdate method 309
END enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
EndOfField enumeration member 229
ENTER enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
Wyse50FunctionKey Enumeration 325
EnterKey enumeration member 236
EraseEof enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
EraseInput enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
Error enumeration member 251
Error property 241
ESC enumeration member
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
ESCAPE enumeration member 280
EventFilterPeriod property 79
EventFlowControl method 158
EventFlowControlFunctionKeys method 159

- F -

F_Keys enumeration member 236
F1 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F10 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F11 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F12 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F13 enumeration member
TN6530FunctionKey Enumeration 279

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F13 enumeration member
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F14 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F15 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F16 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F17 enumeration member 324
F18 enumeration member 324
F19 enumeration member 324
F2 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F20 enumeration member 324
F3 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F4 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F5 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F6 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F7 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F8 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
F9 enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
FailedLinkage enumeration member 269
FieldAttributes property 223
FieldExit enumeration member 278
FieldMark enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
FieldMinus enumeration member 278
FieldPlus enumeration member 278
FieldSelect property 322
FileTransferQuery method 160
FileTransferSet method 161
FileTransferTrigger method 162
FileTransferTypeSet method 164
FIND enumeration member 324
Focus enumeration member 217
Focused property 232
Formated enumeration member 263
FunctionKeyPressed event 204
FunctionKeyPressedDone method 165

- H -

HARD_RESET enumeration member 279
Help enumeration member 278
HexKey enumeration member 278
HOME enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
Wyse50FunctionKey Enumeration 325
HotLinkToOv method 166
HT enumeration member 324

- I -

InputField property
OvFieldInfo.InputField Property 224
OvInputField.InputField Property 242
InputFields property 80
INSERT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279

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INSERT enumeration member
Wyse50FunctionKey Enumeration 325
INSERT_CHAR enumeration member
TTYFunctionKey Enumeration 280
Wyse50FunctionKey Enumeration 325
INSERT_HERE enumeration member 324
INSERT_LINE enumeration member 325
install
uninstall, removal 16
visual studio 16
Internal enumeration member 217
InvokeThough property 81
IoInput method 172
IoQuery method 176
IoSet method 177
IoTrigger method 178
IoType enumeration member 217
IoTypeSet method 179
IsDirty property 243
Item property 244

- K -

KeyBoard enumeration member 217
KeyboardStateChanged event 205

- L -

LastEventMessage property 82
Length property
OvFieldInfo.Length Property 225
OvInputField.Length Property 245
Linked property 83
Location property 84
Locked enumeration member 251

- M -

MacrosNotAllowed enumeration member 269
Message property 273
Miscellaneous enumeration member 236
Mode property 266
ModeScreen enumeration member 217

- N -

NameString property 296
NewLine enumeration member 277
NewOvInstance property 85
NewTerminalSession method 181
NoEcho property
OvFieldInfo.NoEcho Property 225
OvInputField.NoEcho Property 246
NONE enumeration member
OvEventMask Enumeration 217
OvFieldTextTrimming Enumeration 229
OvFunctionKeyPressedEventMask Enumeration 236
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
Wyse50FunctionKey Enumeration 325
NumPad enumeration member 236
NUMPAD_ENTER enumeration member 324
NUMPAD0 enumeration member 324
NUMPAD1 enumeration member 324
NUMPAD2 enumeration member 324
NUMPAD3 enumeration member 324
NUMPAD4 enumeration member 324
NUMPAD5 enumeration member 324
NUMPAD6 enumeration member 324
NUMPAD7 enumeration member 324
NUMPAD8 enumeration member 324
NUMPAD9 enumeration member 324

- O -

OnCaptureData event 206
OnFocusChanged event 207
Online enumeration member 269
OnSize enumeration member 217
OnUserSelection event 318
OtherPunctuation enumeration member 236
OutputTraceMessages property 86
OvCaptureArgs class
about OvCaptureArgs class 30
methods 33
properties 31

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OvCaptureArgs.Text property 32
OvCaptureEventHandler delegate 34
OvContextArgs class
about OvContextArgs class 35
constructor 36
methods 38
properties 37
OvContextArgs.CurrentContext property 38
OvContextArgs.OvContextArgs constructor 36
OvContextEventHandler delegate 39
OvDataFieldSelectType enumeration 41
OvDataReceivedEventHandler delegate 42
OvDataUpdateEventHandler delegate 43
OvDotNet namespace 26
OvDotNet.OvCaptureArgs class 30
OvDotNet.OvCaptureEventHandler delegate 34
OvDotNet.OvContextArgs class 35
OvDotNet.OvContextEventHandler delegate 39
OvDotNet.OvDataFieldSelectType enumeration 41
OvDotNet.OvDataReceivedEventHandler delegate 42
OvDotNet.OvDataUpdateEventHandler delegate 43
OvDotNet.OvDotNetApi class 44
OvDotNet.OvEmulationType enumeration 212
OvDotNet.OvEmulationTypeArgs class 213
OvDotNet.OvEmulationTypeEventHandler delegate 216
OvDotNet.OvEventMask enumeration 217
OvDotNet.OvFieldBitFlags enumeration 218
OvDotNet.OvFieldInfo class 219
OvDotNet.OvFieldTextTrimming enumeration 229
OvDotNet.OvFocusArgs class 230
OvDotNet.OvFocusEventHandler delegate 234
OvDotNet.OvFunctionKeyEventHandler delegate 235
OvDotNet.OvFunctionKeyPressedEventMask enumeration 236
OvDotNet.OvInputField class 237
OvDotNet.OvKeyboardState enumeration 251
OvDotNet.OvKeyboardStateArgs class 252
OvDotNet.OvKeyboardStateEventHandler delegate 257
OvDotNet.OvOwnerArgs class 258
OvDotNet.OvOwnerEventHandler delegate 262
OvDotNet.OvScreenMode enumeration 263
OvDotNet.OvScreenModeArgs class 264
OvDotNet.OvScreenModeEventHandler delegate 268
OvDotNet.OvSessionState enumeration 269
OvDotNet.OvSessionStateArgs class 270
OvDotNet.OvSessionStateEventHandler delegate 275
OvDotNet.OvSizeChangeEventHandler delegate 276
OvDotNet.TN3270FunctionKey enumeration 277
OvDotNet.TN5250FunctionKey enumeration 278
OvDotNet.TN6530FunctionKey enumeration 279
OvDotNet.TTYFunctionKey enumeration 280
OvDotNet.VisualizeScreenLayout class 280
OvDotNet.VisualizeScreenLayout.UserSelection delegate 319
OvDotNet.VisualizeScreenLayout.UserSelectionType class 320
OvDotNet.VT320FunctionKey enumeration 324
OvDotNet.Wyse50FunctionKey enumeration 325
OvDotNetApi class
about OvDotNetApi class 44
events 196
methods 99
properties 45
OvDotNetApi.AddUserTraceComment method 112
OvDotNetApi.ApplicationId property 58
OvDotNetApi.ApplicationRequest method 113
OvDotNetApi.AutoPadHostInputFields property 59
OvDotNetApi.AutoStartOrAttach property 60
OvDotNetApi.AutoTrimHostFields property 61
OvDotNetApi.AutoUpdateFields property 63
OvDotNetApi.AutoUpdateHostInputFields property 64
OvDotNetApi.BindComboBoxToFunctionKeyList method 115
OvDotNetApi.Columns property 65
OvDotNetApi.CrtAttribute method 119
OvDotNetApi.CrtCls method 121
OvDotNetApi.CrtCol property 66
OvDotNetApi.CrtCopy method 121
OvDotNetApi.CrtEmit method 123
OvDotNetApi.CrtFieldSearch method 124
OvDotNetApi.CrtGet method 128
OvDotNetApi.CrtPosition method 130
OvDotNetApi.CrtQuery method 131
OvDotNetApi.CrtRow property 67
OvDotNetApi.CrtSearch method 132

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OvDotNetApi.CrtSet method 136
OvDotNetApi.CrtSetCursor method 137
OvDotNetApi.CrtTrigger method 139
OvDotNetApi.CrtTypeSet method 140
OvDotNetApi.CurrentEmulationType property 68
OvDotNetApi.CurrentFocusState property 69
OvDotNetApi.CurrentKeyboardState property 70
OvDotNetApi.CurrentlySessionOwner property 71
OvDotNetApi.CurrentScreenContext property 72
OvDotNetApi.CurrentScreenMode property 73
OvDotNetApi.CurrentSessionOwner property 74
OvDotNetApi.CurrentSessionState property 75
OvDotNetApi.DataCapture property 76
OvDotNetApi.DataCaptureAccumulate property 77
OvDotNetApi.DataCaptureEnable method 141
OvDotNetApi.DataCaptureGetAndClear method 142
OvDotNetApi.DataFields property 78
OvDotNetApi.DataFieldsUpdate event 200
OvDotNetApi.DataReceived event 201
OvDotNetApi.DiaContextActive event 202
OvDotNetApi.Emit method 144
OvDotNetApi.EmitBreak method 145
OvDotNetApi.EmitFunctionKey method 146
OvDotNetApi.EmitVirtualKey method 156
OvDotNetApi.EmulationTypeActive event 203
OvDotNetApi.EventFilterPeriod property 79
OvDotNetApi.EventFlowControl method 158
OvDotNetApi.EventFlowControlFunctionKeys method 159
OvDotNetApi.FileTransferQuery method 160
OvDotNetApi.FileTransferSet method 161
OvDotNetApi.FileTransferTrigger method 162
OvDotNetApi.FileTransferTypeSet method 164
OvDotNetApi.FunctionKeyPressed event 204
OvDotNetApi.FunctionKeyPressedDone method 165
OvDotNetApi.HotLinkToOv method 166
OvDotNetApi.InputFields property 80
OvDotNetApi.InvokeThough property 81
OvDotNetApi.IoInput method 172
OvDotNetApi.IoQuery method 176
OvDotNetApi.IoSet method 177
OvDotNetApi.IoTrigger method 178
OvDotNetApi.IoTypeSet method 179
OvDotNetApi.KeyboardStateChanged event 205
OvDotNetApi.LastEventMessage property 82
OvDotNetApi.Linked property 83
OvDotNetApi.Location property 84
OvDotNetApi.NewOvInstance property 85
OvDotNetApi.NewTerminalSession method 181
OvDotNetApi.OnCaptureData event 206
OvDotNetApi.OnFocusChanged event 207
OvDotNetApi.OutputTraceMessages property 86
OvDotNetApi.OvInitialWindowStyle property 87
OvDotNetApi.OvWindowHandle property 88
OvDotNetApi.OvWindowHandles property 89
OvDotNetApi.ReleaseControl method 182
OvDotNetApi.RequestControl method 183
OvDotNetApi.Rows property 90
OvDotNetApi.ScreenModeChanged event 208
OvDotNetApi.SessionFilename property 91
OvDotNetApi.SessionOwnerChanged event 209
OvDotNetApi.SessionStateChanged event 210
OvDotNetApi.ShutDown method 184
OvDotNetApi.SimKeyboardLocked property 92
OvDotNetApi.SimKeyboardState property 93
OvDotNetApi.SizeChange event 211
OvDotNetApi.Tag property 94
OvDotNetApi.TerminalWindowHandle property 95
OvDotNetApi.TerminalWindowHandles property 96
OvDotNetApi.Terminate method 185
OvDotNetApi.Text property 97
OvDotNetApi.TextEndAction property 98
OvDotNetApi.WaitCrtCursor method 186
OvDotNetApi.WaitCrtUnlock method 188
OvDotNetApi.WaitDCD method 189
OvDotNetApi.WaitKeystrokes method 191
OvDotNetApi.WaitSilent method 192
OvDotNetApi.WaitString method 193
OvDotNetApi.WaitTime method 195
OvEmulationType enumeration 212
OvEmulationTypeArgs class
  about OvEmulationTypeArgs class 213
  methods 215
  properties 214
OvEmulationTypeArgs.Emulation property 214
OvEmulationTypeEventHandler delegate 216
OvEventMask enumeration 217
OvFieldBitFlags enumeration 218
OvFieldInfo class
  about OvFieldInfo class 219
  methods 228

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OvFieldInfo class
properties 220
OvFieldInfo.Attributes property 221
OvFieldInfo.Column property 222
OvFieldInfo.FieldAttributes property 223
OvFieldInfo.InputField property 224
OvFieldInfo.Length property 225
OvFieldInfo.NoEcho property 225
OvFieldInfo.Row property 226
OvFieldInfo.Text property 227
OvFieldTextTrimming enumeration 229
OvFocusArgs class
about OvFocusArgs class 230
methods 233
properties 231
OvFocusArgs.Focused property 232
OvFocusEventHandler delegate 234
OvFunctionKeyEventHandler delegate 235
OvFunctionKeyPressedEventMask enumeration 236
OvInitialWindowStyle property 87
OvInputField class
about OvInputField class 237
events 249
methods 248
properties 238
OvInputField.AutoPad property 239
OvInputField.AutoUpdate property 240
OvInputField.Error property 241
OvInputField.InputField property 242
OvInputField.IsDirty property 243
OvInputField.Item property 244
OvInputField.Length property 245
OvInputField.NoEcho property 246
OvInputField.PromptLabel property 247
OvInputField.PropertyChanged event 250
OvInputField.Text property 247
OvKeyboardState enumeration 251
OvKeyboardStateArgs class
about OvKeyboardStateArgs class 252
constructor 253
methods 256
properties 254
OvKeyboardStateArgs.OvKeyboardStateArgs constructor 253
OvKeyboardStateArgs.State property 255
OvKeyboardStateEventHandler delegate 257
OvLinkEstablished enumeration member 269
OvOwnerArgs class
about OvOwnerArgs class 258
methods 261
properties 259
OvOwnerArgs.Available property 260
OvOwnerArgs.CurrentOwner property 261
OvOwnerEventHandler delegate 262
OvScreenMode enumeration 263
OvScreenModeArgs class
about OvScreenModeArgs class 264
methods 267
properties 266
OvScreenModeArgs.Mode property 266
OvScreenModeEventHandler delegate 268
OvSessionState enumeration 269
OvSessionStateArgs class
about OvSessionStateArgs class 270
methods 274
properties 271
OvSessionStateArgs.ConnectionState property 272
OvSessionStateArgs.Message property 273
OvSessionStateEventHandler delegate 275
OvSizeChangeEventHandler delegate 276
OvWindowHandle property 88
OvWindowHandles property 89

- P -

PA1 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PA2 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PA3 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PAGE_DOWN enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
VT320FunctionKey Enumeration 324
PAGE_NEXT enumeration member 325
PAGE_PREV enumeration member 325
PAGE_UP enumeration member
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280

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PAGE_UP enumeration member
VT320FunctionKey Enumeration 324
PageMovement enumeration member 236
PF1 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
VT320FunctionKey Enumeration 324
PF10 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF11 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF12 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF13 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF14 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF15 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF16 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF17 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF18 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF19 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF2 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
VT320FunctionKey Enumeration 324
PF20 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF21 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF22 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF23 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF24 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF3 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
VT320FunctionKey Enumeration 324
PF4 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
VT320FunctionKey Enumeration 324
PF5 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF6 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF7 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF8 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PF9 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
Print enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
PRINT_SCREEN enumeration member 279
PRINTKEY enumeration member 325
PromptLabel property 247
PropertyChanged event 250
Protected enumeration member 41

- R -

RecordBackSpace enumeration member 278
RegExString property 297
ReleaseControl method 182
REMOVE enumeration member 324

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REPLACE enumeration member 325
RequestControl method 183
Reset enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
ROLL_TO_END enumeration member 279
RollDown enumeration member 278
RollUp enumeration member 278
Row property 226
Rows property 90

- S -

ScreenExtractString property 298
ScreenModeChanged event 208
ScreenType enumeration member 217
SELECT enumeration member 324
SEND enumeration member 325
Session enumeration member 217
SessionFilename property 91
SessionOwnerChanged event 209
SessionStateChanged event 210
SET_TAB enumeration member
TN6530FunctionKey Enumeration 279
VT320FunctionKey Enumeration 324
SHFT_ENTER enumeration member 279
SHFT_PAGE_DOWN enumeration member 279
SHFT_PAGE_UP enumeration member 279
SHIFT_F1 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F10 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F11 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F12 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F13 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F14 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F15 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F16 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F2 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F3 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F4 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F5 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F6 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F7 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F8 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_F9 enumeration member
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
SHIFT_HOME enumeration member 325
SHIFTFUNCKEYS enumeration member 325
ShutDown method 184
SimKeyboardLocked property 92
SimKeyboardState property 93
SizeChange event 211
SOFT_RESET enumeration member 279
StartAndEndOfField enumeration member 229
StartOfField enumeration member 229
State property 255
STATUS_OFF enumeration member 279
STATUS_ON enumeration member 279
StatusLineExtractString property 299
Stratus enumeration member 212
SUBTRACT enumeration member 324
SYSREQ enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278

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- T -

TAB enumeration member
OvFunctionKeyPressedEventMask Enumeration 236
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
TTYFunctionKey Enumeration 280
Wyse50FunctionKey Enumeration 325
TabBack enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
Tag property 94
TerminalWindowHandle property 95
TerminalWindowHandles property 96
Terminate method 185
Terminated enumeration member 269
TESTREQ enumeration member 278
Text property
OvCaptureArgs.Text Property 32
OvDotNetApi.Text Property 97
OvFieldInfo.Text Property 227
OvInputField.Text Property 247
TextEndAction property 98
TN3270 enumeration member 212
TN3270FunctionKey enumeration 277
TN5250 enumeration member 212
TN5250FunctionKey enumeration 278
TN6530 enumeration member 212
TN6530FunctionKey enumeration 279
TTY enumeration member 212
TTYFunctionKey enumeration 280

- U -

UDK1 enumeration member 324
UDK10 enumeration member 324
UDK11 enumeration member 324
UDK12 enumeration member 324
UDK13 enumeration member 324
UDK14 enumeration member 324
UDK15 enumeration member 324
UDK2 enumeration member 324
UDK3 enumeration member 324
UDK4 enumeration member 324
UDK5 enumeration member 324
UDK6 enumeration member 324
UDK7 enumeration member 324
UDK8 enumeration member 324
UDK9 enumeration member 324
uninstall
visual studio 19, 20
UNKNOWN enumeration member 212
UNLOCK_KBD enumeration member 325
UnLocked enumeration member 251
Unprotected enumeration member 41
UserForcedUnlock enumeration member 251
UserSelectionType class
methods 323
properties 321

- V -

VisualizeScreenLayout class
about VisualizeScreenLayout class 280
events 309
methods 300
properties 282
VisualizeScreenLayout.DataFieldString property 295
VisualizeScreenLayout.EnableRealTimeUpdate method 309
VisualizeScreenLayout.NameString property 296
VisualizeScreenLayout.OnUserSelection event 318
VisualizeScreenLayout.RegExString property 297
VisualizeScreenLayout.ScreenExtractString property 298
VisualizeScreenLayout.StatusLineExtractString property 299
VisualizeScreenLayout.UserSelection delegate 319
VisualizeScreenLayout.UserSelectionType Class
about VisualizeScreenLayout.UserSelectionType class 320
VisualizeScreenLayout.UserSelectionType.FieldSelect property 322
VK_F1 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F1_SHIFT enumeration member
TN3270FunctionKey Enumeration 277

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VK_F1_SHIFT enumeration member
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F10 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F10_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F11 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F11_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F12 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F12_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F13 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F13_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F14 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F14_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F15 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F15_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F16 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F16_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F17 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F17_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F18 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F18_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F19 enumeration member
TN3270FunctionKey Enumeration 277

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VK_F19 enumeration member
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F19_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F2 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F2_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F20 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F20_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F21 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F21_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F22 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F22_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F23 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F23_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F24 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F24_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F3 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F3_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F4 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F4_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F5 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F5_SHIFT enumeration member
TN3270FunctionKey Enumeration 277

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VK_F5_SHIFT enumeration member
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F6 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F6_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F7 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F7_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F8 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F8_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F9 enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VK_F9_SHIFT enumeration member
TN3270FunctionKey Enumeration 277
TN5250FunctionKey Enumeration 278
TN6530FunctionKey Enumeration 279
Wyse50FunctionKey Enumeration 325
VT320 enumeration member 212
VT320FunctionKey enumeration 324

- W -

WaitCrtCursor method 186
WaitCrtUnlock method 188
WaitDCD method 189
WaitKeystrokes method 191
WaitSilent method 192
WaitString method 193
WaitTime method 195
Welcome 10
WYSE50 enumeration member 212
Wyse50FunctionKey enumeration 325

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