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1. **Overview**

This document describes the requirements for the implementation of the Eco.CGI1 component. (component)

* 1. **Introduction**

Description.

* 1. **Note**
* Keywords
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This paragraph contains links to information to help you understand this document:

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1. **Eco.CGI1 Component**

The Eco.CGI1 component is

The component has the following description:

1. **IEcoCGI1 Interface**
   1. **IEcoCGI1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(2AC0F57C-47D7-4BF8-894F-54C73DFEFAAE),  ] | | | |
| interface IEcoCGI1 : IEcoUnknown { | | | |
|  | | | |
| struct IEcoCGI1VirtualDevice\* | | ***CreateVirtualDevice*** | (); |
|  | |  |  |
| } | |  |  |

* + 1. **CreateVirtualDevice function**

The function

1. **IEcoCGI1Raster** **Interface**
   1. **IEcoCGI1Raster IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(27E7F270-8D3C-43F8-8C9C-D639FC4FC670),  ] | | | |
| interface IEcoCGI1Raster : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***GetNewBitmapIdentifier*** | ([out] ECO\_CGI\_1\_BDT\_CSN\_VALUE\_t\* bitmapId); |
|  | | | |
| int16\_t | | ***CreateBitmap*** | ([in] ECO\_CGI\_1\_BDT\_CSN\_VALUE\_t bitmapId,  [in] ECO\_CGI\_1\_POINT\_t firstCorner,  [in] ECO\_CGI\_1\_POINT\_t secondCorner,  [in] enum ECO\_CGI\_1\_DEPTH\_TYPE\_e depthType,  [in] enum ECO\_CGI\_1\_DISPLAYABILITY\_e displayability); |
|  | |  |  |
| int16\_t | | ***DeleteBitmap*** | ([in] ECO\_CGI\_1\_BDT\_CSN\_VALUE\_t bitmapId); |
|  | |  |  |
| int16\_t | | ***DrawingBitmap*** | ([in] ECO\_CGI\_1\_BDT\_CSN\_VALUE\_t bitmapId); |
|  | |  |  |
| int16\_t | | ***DisplayBitmap*** | ([in] ECO\_CGI\_1\_BDT\_CSN\_VALUE\_t bitmapId); |
|  | |  |  |
| int16\_t | | ***MappedBitmapForegroundColour*** | ([in] ECO\_CGI\_1\_COLOUR\_SPECIFIER\_t colourSpecifier); |
|  | |  |  |
| int16\_t | | ***MappedBitmapBackgroundColour*** | ([in] ECO\_CGI\_1\_COLOUR\_SPECIFIER\_t colourSpecifier); |
|  | |  |  |
| int16\_t | | ***TransparentColour*** | ([in] ECO\_CGI\_1\_COLOUR\_SPECIFIER\_t colourSpecifier); |
|  | |  |  |
| int16\_t | | ***DrawingMode*** | (); |
|  | |  |  |
| int16\_t | | ***FillBitmap*** | (); |
|  | |  |  |
| int16\_t | | ***PixelArray*** | (); |
|  | |  |  |
| int16\_t | | ***GetPixelArray*** | (); |
|  | |  |  |
| int16\_t | | ***GetPixelArrayDimensions*** | (); |
|  | |  |  |
| int16\_t | | ***SourceDestinationBitBlt*** | (); |
|  | |  |  |
| int16\_t | | ***TileThreeOperandBitBlt*** | (); |
|  | |  |  |
| int16\_t | | ***InquireRasterCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedDrawingMode*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedDrawingMode3*** | (); |
|  | |  |  |
| int16\_t | | ***InquireRasterState*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfNonDisplayableBitmapIdentifiers*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfDisplayableBitmapIdentifiers*** | (); |
|  | |  |  |
| int16\_t | | ***InquireBitmapState*** | (); |
|  | | | |
| } | |  |  |

* + 1. **GetNewBitmapIdentifier function**

The function

* + 1. **CreateBitmap function**

The function

* + 1. **DeleteBitmap function**

The function

* + 1. **DrawingBitmap function**

The function

* + 1. **DisplayBitmap function**

The function

* + 1. **MappedBitmapForegroundColour function**

The function

* + 1. **MappedBitmapBackgroundColour function**

The function

* + 1. **TransparentColour function**

The function

* + 1. **DrawingMode function**

The function

* + 1. **FillBitmap function**

The function

* + 1. **PixelArray function**

The function

* + 1. **GetPixelArray function**

The function

* + 1. **GetPixelArrayDimensions function**

The function

* + 1. **SourceDestinationBitBlt function**

The function

* + 1. **TileThreeOperandBitBlt function**

The function

* + 1. **InquireRasterCapability function**

The function

* + 1. **InquireListOfSupportedDrawingMode function**

The function

* + 1. **InquireListOfSupportedDrawingMode3 function**

The function

* + 1. **InquireRasterState function**

The function

* + 1. **InquireListOfNonDisplayableBitmapIdentifiers function**

The function

* + 1. **InquireListOfDisplayableBitmapIdentifiers function**

The function

* + 1. **InquireBitmapState function**

The function

1. **IEcoCGI1InputAndEchoing** **Interface**
   1. **IEcoCGI1InputAndEchoing IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(614FE4CB-D71F-457C-A757-2270BDE09FB4),  ] | | | |
| interface IEcoCGI1InputAndEchoing : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
| int16\_t | | ***EchoControls*** | (); |
| int16\_t | | ***PutCurrentLocatorMeasure*** | (); |
| int16\_t | | ***PutCurrentStrokeMeasure*** | (); |
| int16\_t | | ***PutCurrentValuatorMeasure*** | (); |
| int16\_t | | ***PutCurrentChoiceMeasure*** | (); |
| int16\_t | | ***PutCurrentPickMeasure*** | (); |
| int16\_t | | ***PutCurrentStringMeasure*** | (); |
| int16\_t | | ***PutCurrentRasterMeasure*** | (); |
| int16\_t | | ***PutCurrentGeneralMeasure*** | (); |
| int16\_t | | ***EchoData*** | (); |
| int16\_t | | ***LocatorDeviceData*** | (); |
| int16\_t | | ***StrokeDeviceData*** | (); |
| int16\_t | | ***ValuatorDeviceData*** | (); |
| int16\_t | | ***ChoiceDeviceData*** | (); |
| int16\_t | | ***PickDeviceData*** | (); |
| int16\_t | | ***StringDeviceData*** | (); |
| int16\_t | | ***RasterDeviceData*** | (); |
| int16\_t | | ***GeneralDeviceData*** | (); |
| int16\_t | | ***AssociateTriggers*** | (); |
| int16\_t | | ***GetAdditionalStrokeData*** | (); |
| int16\_t | | ***GetAdditionalPickData*** | (); |
| int16\_t | | ***GetAdditionalStringData*** | (); |
| int16\_t | | ***GetAdditionalRasterData*** | (); |
| int16\_t | | ***RequestLocator*** | (); |
| int16\_t | | ***RequestStroke*** | (); |
| int16\_t | | ***RequestValuator*** | (); |
| int16\_t | | ***RequestChoice*** | (); |
| int16\_t | | ***RequestPick*** | (); |
| int16\_t | | ***RequestString*** | ([in] IEcoCGI1InputAndEchoingPtr\_t me,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex,  [in] ECO\_CGI\_1\_BDT\_REAL\_t timeout,  [in] ECO\_CGI\_1\_BDT\_INTEGER\_t numberRequestedCharacter,  [out] enum ECO\_CGI\_1\_VALIDITY\_FLAG\_e \*responseValidity,  [out] enum ECO\_CGI\_1\_REQUEST\_STATUS\_e \*requestStatus,  [out] ECO\_CGI\_1\_BDT\_INDEX\_t \*trigger,  [out] enum ECO\_CGI\_1\_VALIDITY\_FLAG\_e \*measureValidity,  [out] ECO\_CGI\_1\_BDT\_INTEGER\_t \*totalNumberCharacter,  [out] ECO\_CGI\_1\_BDT\_STRING\_t \*string); |
| int16\_t | | ***RequestRaster*** | (); |
| int16\_t | | ***RequestGeneral*** | (); |
| int16\_t | | ***SamplingState*** | (); |
| int16\_t | | ***SampleLocator*** | (); |
| int16\_t | | ***SampleStroke*** | (); |
| int16\_t | | ***SampleValuator*** | (); |
| int16\_t | | ***SampleChoice*** | (); |
| int16\_t | | ***SamplePick*** | (); |
| int16\_t | | ***SampleString*** | (); |
| int16\_t | | ***SampleRaster*** | (); |
| int16\_t | | ***SampleGeneral*** | (); |
| int16\_t | | ***InitializeEchoRequest*** | (); |
| int16\_t | | ***EchoRequestLocator*** | (); |
| int16\_t | | ***EchoRequestStroke*** | (); |
| int16\_t | | ***EchoRequestValuator*** | (); |
| int16\_t | | ***EchoRequestChoice*** | (); |
| int16\_t | | ***EchoRequestPick*** | (); |
| int16\_t | | ***EchoRequestString*** | (); |
| int16\_t | | ***EchoRequestRaster*** | (); |
| int16\_t | | ***EchoRequestGeneral*** | (); |
| int16\_t | | ***InitializeEventQueue*** | (); |
| int16\_t | | ***ReleaseEventQueue*** | (); |
| int16\_t | | ***EnableEvents*** | (); |
| int16\_t | | ***DisableEvents*** | (); |
| int16\_t | | ***EventQueueBlockControl*** | (); |
| int16\_t | | ***FlushEvents*** | (); |
| int16\_t | | ***FlushDeviceEvents*** | (); |
| int16\_t | | ***AwaitEvent*** | (); |
| int16\_t | | ***DequeueLocatorEvent*** | (); |
| int16\_t | | ***DequeueStrokeEvent*** | (); |
| int16\_t | | ***DequeueValuatorEvent*** | (); |
| int16\_t | | ***DequeueChoiceEvent*** | (); |
| int16\_t | | ***DequeuePickEvent*** | (); |
| int16\_t | | ***DequeueStringEvent*** | (); |
| int16\_t | | ***DequeueRasterEvent*** | (); |
| int16\_t | | ***DequeueGeneralEvent*** | (); |
| int16\_t | | ***EventQueueTransfer*** | (); |
| int16\_t | | ***InitializeEchoOutput*** | (); |
| int16\_t | | ***ReleaseEchoOutput*** | (); |
| int16\_t | | ***EchoOutputControls*** | (); |
| int16\_t | | ***PerformAcknowledgement*** | (); |
| int16\_t | | ***UpdateLocatorEchoOutput*** | (); |
| int16\_t | | ***UpdateStrokeEchoOutput*** | (); |
| int16\_t | | ***UpdateValuatorEchoOutput*** | (); |
| int16\_t | | ***UpdateChoiceEchoOutput*** | (); |
| int16\_t | | ***UpdatePickEchoOutput*** | (); |
| int16\_t | | ***UpdateStringEchoOutput*** | (); |
| int16\_t | | ***UpdateRasterEchoOutput*** | (); |
| int16\_t | | ***UpdateGeneralEchoOutput*** | (); |
| int16\_t | | ***EchoOutputData*** | (); |
| int16\_t | | ***InquireInputCapability*** | (); |
| int16\_t | | ***InquireListOfAvailableInputDevices*** | (); |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
| int16\_t | | ***InquireListOfAssociableTriggers*** | (); |
| int16\_t | | ***InquireLocatorCapabilities*** | (); |
| int16\_t | | ***InquireStrokeCapabilities*** | (); |
| int16\_t | | ***InquireChoiceCapabilities*** | (); |
| int16\_t | | ***InquirePickCapabilities*** | (); |
| int16\_t | | ***InquireStringCapabilities*** | (); |
| int16\_t | | ***InquireListOfAvailableInputCharacterSets*** | (); |
| int16\_t | | ***InquireRasterInputCapabilities*** | (); |
| int16\_t | | ***InquireListOfPermittedRasterSpotCentreSeparations*** | (); |
| int16\_t | | ***InquireGeneralCapabilities*** | (); |
| int16\_t | | ***InquireListOfSupportedGeneralMeasureFormats*** | (); |
| int16\_t | | ***InquireCommonLogicalInputDeviceState*** | (); |
| int16\_t | | ***InquireListOfAssociatedTriggers*** | (); |
| int16\_t | | ***InquireEchoDataRecord*** | (); |
| int16\_t | | ***InquireInputDeviceDataRecord*** | (); |
| int16\_t | | ***InquireLocatorState*** | (); |
| int16\_t | | ***InquireStrokeState*** | (); |
| int16\_t | | ***InquireChoiceState*** | (); |
| int16\_t | | ***InquirePickState*** | (); |
| int16\_t | | ***InquireStringState*** | (); |
| int16\_t | | ***InquireRasterInputState*** | (); |
| int16\_t | | ***InquireGeneralState*** | (); |
| int16\_t | | ***InquireEventInputState*** | (); |
| int16\_t | | ***InquireEchoOutputCapabilities*** | (); |
| int16\_t | | ***InquireListOfEchoOutputEchoTypes*** | (); |
| int16\_t | | ***InquireListOfEchoOutputPromptTypes*** | (); |
| int16\_t | | ***InquireListOfEchoOutputAcknowledgementTypes*** | (); |
| int16\_t | | ***InquireListOfSupportedGeneralFormatIdentifiers*** | (); |
| int16\_t | | ***InquireListOfCurrentlyExistingEchoEntities*** | (); |
| int16\_t | | ***InquireEchoEntityState*** | (); |
| int16\_t | | ***InquireEchoOutputDataRecord*** | (); |
|  | | | |
| } | |  |  |

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **PutCurrentLocatorMeasure function**

The function

* + 1. **PutCurrentStrokeMeasure function**

The function

* + 1. **PutCurrentValuatorMeasure function**

The function

* + 1. **PutCurrentChoiceMeasure function**

The function

* + 1. **PutCurrentPickMeasure function**

The function

* + 1. **PutCurrentStringMeasure function**

The function

* + 1. **PutCurrentRasterMeasure function**

The function

* + 1. **PutCurrentGeneralMeasure function**

The function

* + 1. **EchoData function**

The function

* + 1. **LocatorDeviceData function**

The function

* + 1. **StrokeDeviceData function**

The function

* + 1. **ValuatorDeviceData function**

The function

* + 1. **ChoiceDeviceData function**

The function

* + 1. **PickDeviceData function**

The function

* + 1. **StringDeviceData function**

The function

* + 1. **RasterDeviceData function**

The function

* + 1. **GeneralDeviceData function**

The function

* + 1. **AssociateTriggers function**

The function

* + 1. **GetAdditionalStrokeData function**

The function

* + 1. **GetAdditionalPickData function**

The function

* + 1. **GetAdditionalStringData function**

The function

* + 1. **GetAdditionalRasterData function**

The function

* + 1. **RequestLocator function**

The function

* + 1. **RequestStroke function**

The function

* + 1. **RequestValuator function**

The function

* + 1. **RequestChoice function**

The function

* + 1. **RequestPick function**

The function

* + 1. **RequestString function**

The function

* + 1. **RequestRaster function**

The function

* + 1. **RequestGeneral function**

The function

* + 1. **SamplingState function**

The function

* + 1. **SampleLocator function**

The function

* + 1. **SampleStroke function**

The function

* + 1. **SampleValuator function**

The function

* + 1. **SampleChoice function**

The function

* + 1. **SamplePick function**

The function

* + 1. **SampleString function**

The function

* + 1. **SampleRaster function**

The function

* + 1. **SampleGeneral function**

The function

* + 1. **InitializeEchoRequest function**

The function

* + 1. **EchoRequestLocator function**

The function

* + 1. **EchoRequestStroke function**

The function

* + 1. **EchoRequestValuator function**

The function

* + 1. **EchoRequestChoice function**

The function

* + 1. **EchoRequestPick function**

The function

* + 1. **EchoRequestString function**

The function

* + 1. **EchoRequestRaster function**

The function

* + 1. **EchoRequestGeneral function**

The function

* + 1. **InitializeEventQueue function**

The function

* + 1. **ReleaseEventQueue function**

The function

* + 1. **EnableEvents function**

The function

* + 1. **DisableEvents function**

The function

* + 1. **EventQueueBlockControl function**

The function

* + 1. **FlushEvents function**

The function

* + 1. **FlushDeviceEvents function**

The function

* + 1. **AwaitEvent function**

The function

* + 1. **DequeueLocatorEvent function**

The function

* + 1. **DequeueStrokeEvent function**

The function

* + 1. **DequeueValuatorEvent function**

The function

* + 1. **DequeueChoiceEvent function**

The function

* + 1. **DequeuePickEvent function**

The function

* + 1. **DequeueStringEvent function**

The function

* + 1. **DequeueRasterEvent function**

The function

* + 1. **DequeueGeneralEvent function**

The function

* + 1. **EventQueueTransfer function**

The function

* + 1. **InitializeEchoOutput function**

The function

* + 1. **ReleaseEchoOutput function**

The function

* + 1. **EchoOutputControls function**

The function

* + 1. **PerformAcknowledgement function**

The function

* + 1. **UpdateLocatorEchoOutput function**

The function

* + 1. **UpdateStrokeEchoOutput function**

The function

* + 1. **UpdateValuatorEchoOutput function**

The function

* + 1. **UpdateChoiceEchoOutput function**

The function

* + 1. **UpdatePickEchoOutput function**

The function

* + 1. **UpdateStringEchoOutput function**

The function

* + 1. **UpdateRasterEchoOutput function**

The function

* + 1. **UpdateGeneralEchoOutput function**

The function

* + 1. **EchoOutputData function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireListOfAvailableInputDevices function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

* + 1. **InquireListOfAssociableTriggers function**

The function

* + 1. **InquireLocatorCapabilities function**

The function

* + 1. **InquireStrokeCapabilities function**

The function

* + 1. **InquireChoiceCapabilities function**

The function

* + 1. **InquirePickCapabilities function**

The function

* + 1. **InquireStringCapabilities function**

The function

* + 1. **InquireListOfAvailableInputCharacterSets function**

The function

* + 1. **InquireRasterInputCapabilities function**

The function

* + 1. **InquireListOfPermittedRasterSpotCentreSeparations function**

The function

* + 1. **InquireGeneralCapabilities function**

The function

* + 1. **InquireListOfSupportedGeneralMeasureFormats function**

The function

* + 1. **InquireCommonLogicalInputDeviceState function**

The function

* + 1. **InquireListOfAssociatedTriggers function**

The function

* + 1. **InquireEchoDataRecord function**

The function

* + 1. **InquireInputDeviceDataRecord function**

The function

* + 1. **InquireLocatorState function**

The function

* + 1. **InquireStrokeState function**

The function

* + 1. **InquireChoiceState function**

The function

* + 1. **InquirePickState function**

The function

* + 1. **InquireStringState function**

The function

* + 1. **InquireRasterInputState function**

The function

* + 1. **InquireGeneralState function**

The function

* + 1. **InquireEventInputState function**

The function

* + 1. **InquireEchoOutputCapabilities function**

The function

* + 1. **InquireListOfEchoOutputEchoTypes function**

The function

* + 1. **InquireListOfEchoOutputPromptTypes function**

The function

* + 1. **InquireListOfEchoOutputAcknowledgementTypes function**

The function

* + 1. **InquireListOfSupportedGeneralFormatIdentifiers function**

The function

* + 1. **InquireListOfCurrentlyExistingEchoEntities function**

The function

* + 1. **InquireEchoEntityState function**

The function

* + 1. **InquireEchoOutputDataRecord function**

The function

1. **IEcoCGI1Segments** **Interface**
   1. **IEcoCGI1Segments IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(6A62C51B-78FB-46EC-BB8B-E8A0CA5B681E),  ] | | | |
| interface IEcoCGI1Segments : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***GetNewSegmentIdentifier*** | (); |
|  | |  |  |
| int16\_t | | ***CreateSegment*** | (); |
|  | |  |  |
| int16\_t | | ***Segment*** | (); |
|  | |  |  |
| int16\_t | | ***ReopenSegment*** | (); |
|  | |  |  |
| int16\_t | | ***CloseSegment*** | (); |
|  | |  |  |
| int16\_t | | ***CopySegment*** | (); |
|  | |  |  |
| int16\_t | | ***DeleteSegment*** | (); |
|  | |  |  |
| int16\_t | | ***DeleteAllSegments*** | (); |
|  | |  |  |
| int16\_t | | ***RenameSegment*** | (); |
|  | |  |  |
| int16\_t | | ***DrawAllSegments*** | (); |
|  | |  |  |
| int16\_t | | ***ImplicitSegmentRegenerationMode*** | (); |
|  | |  |  |
| int16\_t | | ***ResetRegenerationPending*** | (); |
|  | |  |  |
| int16\_t | | ***PickIdentifier*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentVisibility*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentTransformation*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentHighlighting*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentDisplayPriority*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentDetectability*** | (); |
|  | |  |  |
| int16\_t | | ***SegmentPickPriority*** | (); |
|  | |  |  |
| int16\_t | | ***SimulatePick*** | (); |
|  | |  |  |
| int16\_t | | ***InheritanceFilter*** | (); |
|  | |  |  |
| int16\_t | | ***ClippingInheritance*** | (); |
|  | |  |  |
| int16\_t | | ***InquireSegmentCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireSegmentState*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfInheritanceFilterSettings*** | (); |
|  | |  |  |
| int16\_t | | ***InquireClippingInheritance*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSegmentIdentifiersInUse*** | (); |
|  | |  |  |
| int16\_t | | ***InquireIndividualSegmentState*** | (); |
|  | | | |
| } | |  |  |

* + 1. **GetNewSegmentIdentifier function**

The function

* + 1. **CreateSegment function**

The function

* + 1. **Segment function**

The function

* + 1. **ReopenSegment function**

The function

* + 1. **CloseSegment function**

The function

* + 1. **CopySegment function**

The function

* + 1. **DeleteSegment function**

The function

* + 1. **DeleteAllSegments function**

The function

* + 1. **RenameSegment function**

The function

* + 1. **DrawAllSegments function**

The function

* + 1. **ImplicitSegmentRegenerationMode function**

The function

* + 1. **ResetRegenerationPending function**

The function

* + 1. **PickIdentifier function**

The function

* + 1. **SegmentVisibility function**

The function

* + 1. **SegmentTransformation function**

The function

* + 1. **SegmentHighlighting function**

The function

* + 1. **SegmentDisplayPriority function**

The function

* + 1. **SegmentDetectability function**

The function

* + 1. **SegmentPickPriority function**

The function

* + 1. **SimulatePick function**

The function

* + 1. **InheritanceFilter function**

The function

* + 1. **ClippingInheritance function**

The function

* + 1. **InquireSegmentCapability function**

The function

* + 1. **InquireSegmentState function**

The function

* + 1. **InquireListOfInheritanceFilterSettings function**

The function

* + 1. **InquireClippingInheritance function**

The function

* + 1. **InquireListOfSegmentIdentifiersInUse function**

The function

* + 1. **InquireIndividualSegmentState function**

The function

1. **IEcoCGI1Control** **Interface**
   1. **IEcoCGI1Control IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(D32528CD-220B-4277-8738-F7CE219AE381),  ] | | | |
| interface IEcoCGI1Control: IEcoUnknown{ | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | |  |  |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***DeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCIntegerPrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***VDCRealPrecisionRequirements*** | (); |
|  | |  |  |
| int16\_t | | ***VDCExtent*** | (); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* fc,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* sc); |
|  | |  |  |
| int16\_t | | ***DeviceViewportSpecificationMode*** | (); |
|  | |  |  |
| int16\_t | | ***DeviceViewportMapping*** | (); |
|  | |  |  |
| int16\_t | | ***DrawingSurfaceClipRectangle*** | (); |
|  | |  |  |
| int16\_t | | ***DrawingSurfaceClipIndicator*** | (); |
|  | |  |  |
| int16\_t | | ***DequeueErrorReports*** | (); |
|  | |  |  |
| int16\_t | | ***ErrorHandlingControl*** | (); |
|  | |  |  |
| int16\_t | | ***IntegerPrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***RealPrecisionRequirements*** | (); |
|  | |  |  |
| int16\_t | | ***IndexPrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***ColourPrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***ColourIndexPrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***ClientSpecifiedNamePrecisionRequirement*** | (); |
|  | |  |  |
| int16\_t | | ***Message*** | (); |
|  | |  |  |
| int16\_t | | ***Escape*** | (); |
|  | |  |  |
| int16\_t | | ***GetEscape*** | (); |
|  | |  |  |
| int16\_t | | ***StateListInquirySource*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfProfileSupportIndicators*** | (); |
|  | |  |  |
| int16\_t | | ***InquireSupportedVDCTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceControlCapability*** | (); |
|  | |  |  |
| int16\_t | | ***LookupEscapeSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupGetEscapeSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireControlState*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCurrentPrecisionsRequirements*** | (); |
|  | |  |  |
| int16\_t | | ***InquireVDCToDeviceMapping*** | (); |
|  | |  |  |
| int16\_t | | ***InquireErrorHandling*** | (); |
|  | |  |  |
| int16\_t | | ***InquireMiscellaneousControlState*** | (); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **DeferralMode function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **EndPage function**

The function

* + 1. **VDCType function**

The function

* + 1. **VDCIntegerPrecisionRequirement function**

The function

* + 1. **VDCRealPrecisionRequirements function**

The function

* + 1. **VDCExtent function**

The function

* + 1. **DeviceViewport function**

The function

* + 1. **DeviceViewportSpecificationMode function**

The function

* + 1. **DeviceViewportMapping function**

The function

* + 1. **DrawingSurfaceClipRectangle function**

The function

* + 1. **DrawingSurfaceClipIndicator function**

The function

* + 1. **DequeueErrorReports function**

The function

* + 1. **ErrorHandlingControl function**

The function

* + 1. **IntegerPrecisionRequirement function**

The function

* + 1. **RealPrecisionRequirements function**

The function

* + 1. **IndexPrecisionRequirement function**

The function

* + 1. **ColourPrecisionRequirement function**

The function

* + 1. **ColourIndexPrecisionRequirement function**

The function

* + 1. **ClientSpecifiedNamePrecisionRequirement function**

The function

* + 1. **Message function**

The function

* + 1. **Escape function**

The function

* + 1. **GetEscape function**

The function

* + 1. **StateListInquirySource function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireListOfProfileSupportIndicators function**

The function

* + 1. **InquireSupportedVDCTypes function**

The function

* + 1. **InquireDeviceControlCapability function**

The function

* + 1. **LookupEscapeSupport function**

The function

* + 1. **LookupGetEscapeSupport function**

The function

* + 1. **InquireControlState function**

The function

* + 1. **InquireCurrentPrecisionsRequirements function**

The function

* + 1. **InquireVDCToDeviceMapping function**

The function

* + 1. **InquireErrorHandling function**

The function

* + 1. **InquireMiscellaneousControlState function**

The function

1. **IEcoCGI1Output** **Interface**
   1. **IEcoCGI1Output IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | | |
| [  object,  uguid(335F8CBC-3A40-45AF-8676-2CA9C5C504E6),  ] | | | | |
| interface IEcoCGI1Output : IEcoUnknown { | | | | |
|  | | | | |
| int16\_t | | ***Polyline*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t pointList); | |
| int16\_t | | ***DisjointPolyline*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t pointList); | |
| int16\_t | | ***CircularArc3Point*** | ([in] ECO\_CGI\_1\_POINT\_t startingPoint,  [in] ECO\_CGI\_1\_POINT\_t intermediatePoint,  [in] ECO\_CGI\_1\_POINT\_t endingPoint); | |
| int16\_t | | ***CircularArcCentre*** | ([in] ECO\_CGI\_1\_POINT\_t centrePoint,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t radius); | |
| int16\_t | | ***CircularArcCentreReversed*** | ([in] ECO\_CGI\_1\_POINT\_t centrePoint,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t radius); | |
| int16\_t | | ***EllipticalArc*** | ([in] ECO\_CGI\_1\_POINT\_t centrePoint,  [in] ECO\_CGI\_1\_POINT\_t firstConjugateRadiusEndpoint,  [in] ECO\_CGI\_1\_POINT\_t secondConjugateRadiusEndpoint,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyStart,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dxEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t dyEnd,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t radius); | |
| int16\_t | | ***ConnectingEdge*** | (); | |
| int16\_t | | ***Polymarker*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t pointList); | |
| int16\_t | | ***Text*** | ([in] ECO\_CGI\_1\_POINT\_t\* point,  [in] enum ECO\_CGI\_1\_TEXT\_FINAL\_FLAG\_e flag,  [in] ECO\_CGI\_1\_BDT\_STRING\_t string); | |
| int16\_t | | ***RestrictedText*** | ([in] ECO\_CGI\_1\_VDC\_VALUE\_t deltaWidth,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t deltaHeight,  [in] ECO\_CGI\_1\_POINT\_t\* point,  [in] enum ECO\_CGI\_1\_TEXT\_FINAL\_FLAG\_e flag,  [in] ECO\_CGI\_1\_BDT\_STRING\_t string); | |
| int16\_t | | ***AppendText*** | ([in] enum ECO\_CGI\_1\_TEXT\_FINAL\_FLAG\_e flag,  [in] ECO\_CGI\_1\_BDT\_STRING\_t string); | |
| int16\_t | | ***Polygon*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t pointList); | |
| int16\_t | | ***PolygonSet*** | ([in] ECO\_CGI\_1\_FLAGGED\_POINT\_LIST\_t flaggedPointList); | |
| int16\_t | | ***Rectangle*** | ([in] ECO\_CGI\_1\_CORNER\_POINTS\_t cornerPoints); | |
| int16\_t | | ***Circle*** | ([in] ECO\_CGI\_1\_POINT\_t centrePoint,  [in] ECO\_CGI\_1\_VDC\_VALUE\_t radius); | |
| int16\_t | | ***CircularArc3PointClose*** | (); | |
| int16\_t | | ***CircularArcCentreClose*** | (); | |
| int16\_t | | ***Ellipse*** | (); | |
| int16\_t | | ***EllipticalArcClose*** | (); | |
| int16\_t | | ***GeneralizedDrawingPrimitive*** | (); | |
| int16\_t | | ***LineBundleIndex*** | (); | |
| int16\_t | | ***LineType*** | (); | |
| int16\_t | | ***LineWidth*** | (); | |
| int16\_t | | ***LineColour*** | (); | |
| int16\_t | | ***LineClippingMode*** | (); | |
| int16\_t | | ***MarkerBundleIndex*** | (); | |
| int16\_t | | ***MarkerType*** | (); | |
| int16\_t | | ***MarkerSize*** | (); | |
| int16\_t | | ***MarkerColour*** | (); | |
| int16\_t | | ***MarkerClippingMode*** | (); | |
| int16\_t | | ***TextBundleIndex*** | (); | |
| int16\_t | | ***TextFontIndex*** | (); | |
| int16\_t | | ***TextPrecision*** | (); | |
| int16\_t | | ***CharacterExpansionFactor*** | (); | |
| int16\_t | | ***CharacterSpacing*** | (); | |
| int16\_t | | ***TextColour*** | (); | |
| int16\_t | | ***CharcterHeight*** | (); | |
| int16\_t | | ***CharcterOrientation*** | (); | |
| int16\_t | | ***TextPath*** | (); | |
| int16\_t | | ***TextAlignment*** | (); | |
| int16\_t | | ***CharcterSetIndex*** | (); | |
| int16\_t | | ***AlternateCharcterSetIndex*** | (); | |
| int16\_t | | ***CharcterCodingAnnouncer*** | (); | |
| int16\_t | | ***FillBoundleIndex*** | (); | |
| int16\_t | | ***InteriorStyle*** | (); | |
| int16\_t | | ***FillColour*** | (); | |
| int16\_t | | ***HatchIndex*** | (); | |
| int16\_t | | ***PatternIndex*** | (); | |
| int16\_t | | ***FillReferencePoint*** | (); | |
| int16\_t | | ***PatternSize*** | (); | |
| int16\_t | | ***EdgeBundleIndex*** | (); | |
| int16\_t | | ***EdgeType*** | (); | |
| int16\_t | | ***EdgeWidth*** | (); | |
| int16\_t | | ***EdgeColour*** | (); | |
| int16\_t | | ***EdgeClippingMode*** | (); | |
| int16\_t | | ***EdgleVisibility*** | (); | |
| int16\_t | | ***ClipIndicator*** | (); | |
| int16\_t | | ***ClipRectangle*** | (); | |
| int16\_t | | ***LineWidthSpecificationMode*** | (); | |
| int16\_t | | ***EdgeWidthSpecificationMode*** | (); | |
| int16\_t | | ***MarkerSizeSpecificationMode*** | (); | |
| int16\_t | | ***ColourSelectionMode*** | (); | |
| int16\_t | | ***ColourValueExtent*** | (); | |
| int16\_t | | ***BackgroundColour*** | (); | |
| int16\_t | | ***AuxiliaryColour*** | (); | |
| int16\_t | | ***Transparency*** | (); | |
| int16\_t | | ***ColourTable*** | (); | |
| int16\_t | | ***LineRepresentation*** | (); | |
| int16\_t | | ***MarkerRepresentation*** | (); | |
| int16\_t | | ***TextRepresentation*** | (); | |
| int16\_t | | ***FillRepresentation*** | (); | |
| int16\_t | | ***EdgeRepresentation*** | (); | |
| int16\_t | | ***DeleteBundleRepresentation*** | (); | |
| int16\_t | | ***AspectSourceFlags*** | (); | |
| int16\_t | | ***PatternTable*** | (); | |
| int16\_t | | ***DeletePatern*** | (); | |
| int16\_t | | ***FontList*** | (); | |
| int16\_t | | ***CharacterSetList*** | (); | |
| int16\_t | | ***SavePrimitiveAttributes*** | (); | |
| int16\_t | | ***RestorePrimitiveAttributes*** | (); | |
| int16\_t | | ***DeletePrimitiveAttributes*** | (); | |
| int16\_t | | ***BeginFigure*** | (); | |
| int16\_t | | ***EndFigure*** | (); | |
| int16\_t | | ***NewRegion*** | (); | |
| int16\_t | | ***GetTextExtent*** | (); | |
| int16\_t | | ***InquirePrimitiveSupportLevels*** | (); | |
| int16\_t | | ***LookupGDPSupport*** | (); | |
| int16\_t | | ***InquireGDBAttributes*** | (); | |
| int16\_t | | ***InquireLineCapability*** | (); | |
| int16\_t | | ***InquireListOfAvailableLineTypes*** | (); | |
| int16\_t | | ***InquireListOfAvailableScaledLineWidths*** | (); | |
| int16\_t | | ***InquireMarkerCapability*** | (); | |
| int16\_t | | ***InquireListOfAvailableMarkerTypes*** | (); | |
| int16\_t | | ***InquireListOfAvailableScaledMarkerSizes*** | (); | |
| int16\_t | | ***InquireTextCapability*** | (); | |
| int16\_t | | ***InquireListOfAvailableCharacterSets*** | (); | |
| int16\_t | | ***InquireListOfAvailableTextFonts*** | (); | |
| int16\_t | | ***InquireFontCapabilities*** | (); | |
| int16\_t | | ***InquireListOfAvailableCharacterExpansionFactors*** | (); | |
| int16\_t | | ***InquireListOfAvailableCharacterSpacing*** | (); | |
| int16\_t | | ***InquireListOfAvailableCharacterHeights*** | (); | |
| int16\_t | | ***InquireListOfAvailableCharacterOrientations*** | (); | |
| int16\_t | | ***InquireFillCapability*** | (); | |
| int16\_t | | ***InquireListOfAvailableHatchStyles*** | (); | |
| int16\_t | | ***InquireEdgeCapability*** | (); | |
| int16\_t | | ***InquireListOfAvailableEdgeTypes*** | (); | |
| int16\_t | | ***InquireListOfAvailableScaledEdgeWidths*** | (); | |
| int16\_t | | ***InquireColourCapability*** | (); | |
| int16\_t | | ***InquireCIECharacteristics*** | (); | |
| int16\_t | | ***InquireMaximumNumberOfSimultaneouslySavedAttributesSets*** | (); | |
| int16\_t | | ***InquireArrayOfSupportedCharacterCodingAnnouncers*** | (); | |
| int16\_t | | ***InquireLineAttributes*** | (); | |
| int16\_t | | ***InquireListOfLineBundleIndices*** | (); | |
| int16\_t | | ***InquireLineRepresentation*** | (); | |
| int16\_t | | ***InquireMarkerAttributes*** | (); | |
| int16\_t | | ***InquireListOfMarkerBundleIndices*** | (); | |
| int16\_t | | ***InquireMarkerRepresentation*** | (); | |
| int16\_t | | ***InquireTextAttributes*** | (); | |
| int16\_t | | ***InquireListOfTextBundleIndices*** | (); | |
| int16\_t | | ***InquireTextRepresentation*** | (); | |
| int16\_t | | ***InquireFillAttributes*** | (); | |
| int16\_t | | ***InquirePatternDimensions*** | (); | |
| int16\_t | | ***InquirePattern*** | (); | |
| int16\_t | | ***InquireListOfPatternIndices*** | (); | |
| int16\_t | | ***InquireListOfFillBundleIndices*** | (); | |
| int16\_t | | ***InquireFillRepresentation*** | (); | |
| int16\_t | | ***InquireEdgeAttributes*** | (); | |
| int16\_t | | ***InquireListOfEdgeBundleIndices*** | (); | |
| int16\_t | | ***InquireEdgeRepresentation*** | (); | |
| int16\_t | | ***InquireOutputState*** | (); | |
| int16\_t | | ***InquireObjectClipping*** | (); | |
| int16\_t | | ***InquireListOfAttributeSetNamesInUse*** | (); | |
| int16\_t | | ***InquireColourState*** | (); | |
| int16\_t | | ***InquireListOfColourTableEntries*** | (); | |
| int16\_t | | ***InquireFontList*** | (); | |
| int16\_t | | ***InquireCharacterSetList*** | (); | |
| int16\_t | | ***LookupAspectSourceFlags*** | (); | |
|  | | | | |
| } | |  | |  |

* + 1. **Polyline function**

The function

* + 1. **DisjointPolyline function**

The function

* + 1. **CircularArc3Point function**

The function

* + 1. **CircularArcCentre function**

The function

* + 1. **CircularArcCentreReversed function**

The function

* + 1. **EllipticalArc function**

The function

* + 1. **ConnectingEdge function**

The function

* + 1. **Polymarker function**

The function

* + 1. **Text function**

The function

* + 1. **RestrictedText function**

The function

* + 1. **AppendText function**

The function

* + 1. **Polygon function**

The function

* + 1. **PolygonSet function**

The function

* + 1. **Rectangle function**

The function

* + 1. **Circle function**

The function

* + 1. **CircularArc3PointClose function**

The function

* + 1. **CircularArcCentreClose function**

The function

* + 1. **Ellipse function**

The function

* + 1. **EllipticalArcClose function**

The function

* + 1. **GeneralizedDrawingPrimitive function**

The function

* + 1. **LineBundleIndex function**

The function

* + 1. **LineType function**

The function

* + 1. **LineWidth function**

The function

* + 1. **LineColour function**

The function

* + 1. **LineClippingMode function**

The function

* + 1. **MarkerBundleIndex function**

The function

* + 1. **MarkerType function**

The function

* + 1. **MarkerSize function**

The function

* + 1. **MarkerColour function**

The function

* + 1. **MarkerClippingMode function**

The function

* + 1. **TextBundleIndex function**

The function

* + 1. **TextFontIndex function**

The function

* + 1. **TextPrecision function**

The function

* + 1. **CharacterExpansionFactor function**

The function

* + 1. **CharacterSpacing function**

The function

* + 1. **TextColour function**

The function

* + 1. **CharcterHeight function**

The function

* + 1. **CharcterOrientation function**

The function

* + 1. **TextPath function**

The function

* + 1. **TextAlignment function**

The function

* + 1. **CharcterSetIndex function**

The function

* + 1. **AlternateCharcterSetIndex function**

The function

* + 1. **CharcterCodingAnnouncer function**

The function

* + 1. **FillBoundleIndex function**

The function

* + 1. **InteriorStyle function**

The function

* + 1. **FillColour function**

The function

* + 1. **HatchIndex function**

The function

* + 1. **PatternIndex function**

The function

* + 1. **FillReferencePoint function**

The function

* + 1. **PatternSize function**

The function

* + 1. **EdgeBundleIndex function**

The function

* + 1. **EdgeType function**

The function

* + 1. **EdgeWidth function**

The function

* + 1. **EdgeColour function**

The function

* + 1. **EdgeClippingMode function**

The function

* + 1. **EdgleVisibility function**

The function

* + 1. **ClipIndicator function**

The function

* + 1. **ClipRectangle function**

The function

* + 1. **LineWidthSpecificationMode function**

The function

* + 1. **EdgeWidthSpecificationMode function**

The function

* + 1. **MarkerSizeSpecificationMode function**

The function

* + 1. **ColourSelectionMode function**

The function

* + 1. **ColourValueExtent function**

The function

* + 1. **BackgroundColour function**

The function

* + 1. **AuxiliaryColour function**

The function

* + 1. **Transparency function**

The function

* + 1. **ColourTable function**

The function

* + 1. **LineRepresentation function**

The function

* + 1. **MarkerRepresentation function**

The function

* + 1. **TextRepresentation function**

The function

* + 1. **FillRepresentation function**

The function

* + 1. **EdgeRepresentation function**

The function

* + 1. **DeleteBundleRepresentation function**

The function

* + 1. **AspectSourceFlags function**

The function

* + 1. **PatternTable function**

The function

* + 1. **DeletePatern function**

The function

* + 1. **FontList function**

The function

* + 1. **CharacterSetList function**

The function

* + 1. **SavePrimitiveAttributes function**

The function

* + 1. **RestorePrimitiveAttributes function**

The function

* + 1. **DeletePrimitiveAttributes function**

The function

* + 1. **BeginFigure function**

The function

* + 1. **EndFigure function**

The function

* + 1. **NewRegion function**

The function

* + 1. **GetTextExtent function**

The function

* + 1. **InquirePrimitiveSupportLevels function**

The function

* + 1. **LookupGDPSupport function**

The function

* + 1. **InquireGDBAttributes function**

The function

* + 1. **InquireLineCapability function**

The function

* + 1. **InquireListOfAvailableLineTypes function**

The function

* + 1. **InquireListOfAvailableScaledLineWidths function**

The function

* + 1. **InquireMarkerCapability function**

The function

* + 1. **InquireListOfAvailableMarkerTypes function**

The function

* + 1. **InquireListOfAvailableScaledMarkerSizes function**

The function

* + 1. **InquireTextCapability function**

The function

* + 1. **InquireListOfAvailableCharacterSets function**

The function

* + 1. **InquireListOfAvailableTextFonts function**

The function

* + 1. **InquireFontCapabilities function**

The function

* + 1. **InquireListOfAvailableCharacterExpansionFactors function**

The function

* + 1. **InquireListOfAvailableCharacterSpacing function**

The function

* + 1. **InquireListOfAvailableCharacterHeights function**

The function

* + 1. **InquireListOfAvailableCharacterOrientations function**

The function

* + 1. **InquireFillCapability function**

The function

* + 1. **InquireListOfAvailableHatchStyles function**

The function

* + 1. **InquireEdgeCapability function**

The function

* + 1. **InquireListOfAvailableEdgeTypes function**

The function

* + 1. **InquireListOfAvailableScaledEdgeWidths function**

The function

* + 1. **InquireColourCapability function**

The function

* + 1. **InquireCIECharacteristics function**

The function

* + 1. **InquireMaximumNumberOfSimultaneouslySavedAttributesSets function**

The function

* + 1. **InquireArrayOfSupportedCharacterCodingAnnouncers function**

The function

* + 1. **InquireLineAttributes function**

The function

* + 1. **InquireListOfLineBundleIndices function**

The function

* + 1. **InquireLineRepresentation function**

The function

* + 1. **InquireMarkerAttributes function**

The function

* + 1. **InquireListOfMarkerBundleIndices function**

The function

* + 1. **InquireMarkerRepresentation function**

The function

* + 1. **InquireTextAttributes function**

The function

* + 1. **InquireListOfTextBundleIndices function**

The function

* + 1. **InquireTextRepresentation function**

The function

* + 1. **InquireFillAttributes function**

The function

* + 1. **InquirePatternDimensions function**

The function

* + 1. **InquirePattern function**

The function

* + 1. **InquireListOfPatternIndices function**

The function

* + 1. **InquireListOfFillBundleIndices function**

The function

* + 1. **InquireFillRepresentation function**

The function

* + 1. **InquireEdgeAttributes function**

The function

* + 1. **InquireListOfEdgeBundleIndices function**

The function

* + 1. **InquireEdgeRepresentation function**

The function

* + 1. **InquireOutputState function**

The function

* + 1. **InquireObjectClipping function**

The function

* + 1. **InquireListOfAttributeSetNamesInUse function**

The function

* + 1. **InquireColourState function**

The function

* + 1. **InquireListOfColourTableEntries function**

The function

* + 1. **InquireFontList function**

The function

* + 1. **InquireCharacterSetList function**

The function

* + 1. **LookupAspectSourceFlags function**

The function

1. **IEcoCGI1OneWayOutput** **Interface**
   1. **IEcoCGI1OneWayOutput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(20D64172-73D4-49F1-8B5B-05BBF325E339),  ] | | | |
| interface IEcoCGI1OneWayOutput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e clearDrawingSurface); |
|  | |  |  |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | (); |
|  | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***VDCExtent*** | ([in] ECO\_CGI\_1\_POINT\_t firstCorner,  [in] ECO\_CGI\_1\_POINT\_t secondCorner); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* firstCorner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* secondCorner); |
|  | |  |  |
| int16\_t | | ***Polyline*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t \*pointList); |
|  | |  |  |
| int16\_t | | ***Text*** | ([in] ECO\_CGI\_1\_POINT\_t\* point,  [in] enum ECO\_CGI\_1\_TEXT\_FINAL\_FLAG\_e flag,  [in] ECO\_CGI\_1\_BDT\_STRING\_t string); |
|  | |  |  |
| int16\_t | | ***LineType*** | ([in] ECO\_CGI\_1\_BDT\_INDEX\_t lineType); |
|  | |  |  |
| int16\_t | | ***CharcterHeight*** | ([in] ECO\_CGI\_1\_BDT\_INDEX\_t characterHeigh); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **VDCExtent function**

The function

* + 1. **DeviceViewport function**

The function

* + 1. **Polyline function**

The function

* + 1. **Text function**

The function

* + 1. **LineType function**

The function

* + 1. **CharcterHeight function**

The function

1. **IEcoCGI1VirtualDevice** **Interface**
   1. **IEcoCGI1VirtualDevice IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1Control.idl"  import "IEcoCGI1Output.idl"  import "IEcoCGI1Segments.idl"  import "IEcoCGI1InputAndEchoing.idl"  import "IEcoCGI1Raster.idl" | | | |
| [  object,  uguid(1D594506-099E-455E-8157-3B40EA6D5F32),  ] | | | |
| interface IEcoCGI1VirtualDevice : IEcoUnknown { | | | |
|  | | | |
|  | |  |  |
|  | | | |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | | | |
| } | |  |  |

* + 1. **function**

The function

1. **IEcoCGI1TwoWayOutput** **Interface**
   1. **IEcoCGI1TwoWayOutput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(AB69777F-9519-4344-B250-E67F4BDBBD95),  ] | | | |
| interface IEcoCGI1TwoWayOutput : IEcoUnknown{ | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***VDCExtent*** | (); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* fc,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* sc); |
|  | |  |  |
| int16\_t | | ***Polyline*** | ([in] ECO\_CGI\_1\_POINT\_LIST\_t pointList); |
|  | |  |  |
| int16\_t | | ***Text*** | ([in] ECO\_CGI\_1\_POINT\_t\* point,  [in] enum ECO\_CGI\_1\_TEXT\_FINAL\_FLAG\_e flag,  [in] ECO\_CGI\_1\_BDT\_STRING\_t string); |
|  | |  |  |
| int16\_t | | ***LineType*** | (); |
|  | |  |  |
| int16\_t | | ***CharcterHeight*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceControlCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfAvailableLineTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfAvailableCharacterHeights*** | (); |
|  | |  |  |
| int16\_t | | ***InquireObjectClipping*** | (); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **EndPage function**

The function

* + 1. **DeviceViewport function**

The function

* + 1. **Polyline function**

The function

* + 1. **Text function**

The function

* + 1. **LineType function**

The function

* + 1. **CharcterHeight function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireDeviceControlCapability function**

The function

* + 1. **InquireListOfAvailableLineTypes function**

The function

* + 1. **InquireListOfAvailableCharacterHeights function**

The function

* + 1. **InquireObjectClipping function**

The function

1. **IEcoCGI1StringInput** **Interface**
   1. **IEcoCGI1StringInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(C7398DD2-EA8C-41C4-B14C-0F7C6CE0B015),  ] | | | |
| interface IEcoCGI1StringInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestString*** | ([in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex,  [in] ECO\_CGI\_1\_BDT\_REAL\_t timeout,  [in] ECO\_CGI\_1\_BDT\_INTEGER\_t numberRequestedCharacter,  [out] enum ECO\_CGI\_1\_VALIDITY\_FLAG\_e \*responseValidity,  [out] enum ECO\_CGI\_1\_REQUEST\_STATUS\_e \*requestStatus,  [out] ECO\_CGI\_1\_BDT\_INDEX\_t \*trigger,  [out] enum ECO\_CGI\_1\_VALIDITY\_FLAG\_e \*measureValidity,  [out] ECO\_CGI\_1\_BDT\_INTEGER\_t \*totalNumberCharacter,  [out] ECO\_CGI\_1\_BDT\_STRING\_t \*string); |
|  | |  |  |
| int16\_t | | ***GetAdditionalStringData*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestString function**

The function

* + 1. **GetAdditionalStringData function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1ChoiceInput** **Interface**
   1. **IEcoCGI1ChoiceInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(FF1AEA96-F7D4-4838-A2CE-988B2C5F6598),  ] | | | |
| interface IEcoCGI1ChoiceInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestChoice*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestChoice function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1LocatorInput** **Interface**
   1. **IEcoCGI1LocatorInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(BCE4BD93-41A0-474F-A744-89198283D33F),  ] | | | |
| interface IEcoCGI1LocatorInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | | | |  |  |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestLocator*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestLocator function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1RasterInput** **Interface**
   1. **IEcoCGI1RasterInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(A64F2695-F941-43BA-9731-BB9F9D140B77),  ] | | | |
| interface IEcoCGI1RasterInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | | | |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestRaster*** | (); |
|  | |  |  |
| int16\_t | | ***GetAdditionalRasterData*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestRaster function**

The function

* + 1. **GetAdditionalRasterData function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1StrokeInput** **Interface**
   1. **IEcoCGI1StrokeInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(C0488CDE-FE93-48A3-B117-E64F5D791517),  ] | | | |
| interface IEcoCGI1StrokeInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | | | |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestStroke*** | (); |
|  | |  |  |
| int16\_t | | ***GetAdditionalStrokeData*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestStroke function**

The function

* + 1. **GetAdditionalStrokeData function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1ValuatorInput** **Interface**
   1. **IEcoCGI1ValuatorInput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(D2EEE00C-578C-4E11-9C2C-7936DAFA9FE6),  ] | | | |
| interface IEcoCGI1ValuatorInput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***InitializeLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | | | |
| int16\_t | | ***ReleaseLogicalInputDevice*** | ([in] enum ECO\_CGI\_1\_INPUT\_CLASS\_e inputClass,  [in] ECO\_CGI\_1\_BDT\_INDEX\_t inputDeviceIndex); |
|  | |  |  |
| int16\_t | | ***EchoControls*** | (); |
|  | |  |  |
| int16\_t | | ***RequestValuator*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceIdentification*** | (); |
|  | |  |  |
| int16\_t | | ***InquireDeviceDescription*** | (); |
|  | |  |  |
| int16\_t | | ***LookupFunctionSupport*** | (); |
|  | |  |  |
| int16\_t | | ***LookupProfileSupport*** | (); |
|  | |  |  |
| int16\_t | | ***InquireInputCapability*** | (); |
|  | |  |  |
| int16\_t | | ***InquireCommonInputDeviceProperties*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedEchoTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedPromptTypes*** | (); |
|  | |  |  |
| int16\_t | | ***InquireListOfSupportedAcknowledgementTypes*** | (); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **InitializeLogicalInputDevice function**

The function

* + 1. **ReleaseLogicalInputDevice function**

The function

* + 1. **EchoControls function**

The function

* + 1. **RequestValuator function**

The function

* + 1. **InquireDeviceIdentification function**

The function

* + 1. **InquireDeviceDescription function**

The function

* + 1. **LookupFunctionSupport function**

The function

* + 1. **LookupProfileSupport function**

The function

* + 1. **InquireInputCapability function**

The function

* + 1. **InquireCommonInputDeviceProperties function**

The function

* + 1. **InquireListOfSupportedEchoTypes function**

The function

* + 1. **InquireListOfSupportedPromptTypes function**

The function

* + 1. **InquireListOfSupportedAcknowledgementTypes function**

The function

1. **IEcoCGI1GKSInputb** **Interface**
   1. **IEcoCGI1GKSInputb IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(1084A0D6-FC9B-48E6-8266-9564AD19218A),  ] | | | |
| interface IEcoCGI1GKSInputb : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | (); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1AdvancedOneWayOutput** **Interface**
   1. **IEcoCGI1AdvancedOneWayOutput IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(1A0B021A-3334-4703-B242-A39AAA72DC41),  ] | | | |
| interface IEcoCGI1AdvancedOneWayOutput : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | | | |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1BasicCGM** **Interface**
   1. **IEcoCGI1BasicCGM IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(9F3EB26B-43A3-48F8-B296-B6ABD04C0B5E),  ] | | | |
| interface IEcoCGI1BasicCGM : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |  |  |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1DataStream** **Interface**
   1. **IEcoCGI1DataStream IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(90D3FF2F-6B1E-4308-B9B8-41AAAA4998E4),  ] | | | |
| interface IEcoCGI1DataStream : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Write*** | (); |
|  | | | |
| int16\_t | | ***Read*** | (); |
|  | | | |
| } | |  |  |

* + 1. **Write function**

The function

* + 1. **Read function**

The function

1. **IEcoExtensionsECO** **Interface**
   1. **IEcoExtensionsECO IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(0715E2B6-A933-43F2-8FE5-51AB2DFBDD4B),  ] | | | |
| interface IEcoExtensionsECO : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSInputc** **Interface**
   1. **IEcoCGI1GKSInputc IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(BD84E454-6B6C-455F-A4D4-BEC353F51684),  ] | | | |
| interface IEcoCGI1GKSInputc : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutin0b** **Interface**
   1. **IEcoCGI1GKSOutin0b IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(71DF153F-5838-4ADB-978C-A26D4ED069D6),  ] | | | |
| interface IEcoCGI1GKSOutin0b : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutin0c** **Interface**
   1. **IEcoCGI1GKSOutin0c IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(859168F0-6E83-417D-9F7B-00CAC30D8E2C),  ] | | | |
| interface IEcoCGI1GKSOutin0c : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutin1b** **Interface**
   1. **IEcoCGI1GKSOutin1b IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(16DCB9A6-54A1-42DD-BCF6-884EE711C6D0),  ] | | | |
| interface IEcoCGI1GKSOutin1b : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutin1c** **Interface**
   1. **IEcoCGI1GKSOutin1c IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(DD286B69-E634-4813-998A-920F1C986525),  ] | | | |
| interface IEcoCGI1GKSOutin1c : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutput0** **Interface**
   1. **IEcoCGI1GKSOutput0 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(9CE15E34-861A-4CE7-9191-89FAC53A9640),  ] | | | |
| interface IEcoCGI1GKSOutput0 : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **IEcoCGI1GKSOutput1** **Interface**
   1. **IEcoCGI1GKSOutput1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoCGI1.idl" | | | |
| [  object,  uguid(FA2A6012-0EF5-42B4-8C79-EA23BB295DFD),  ] | | | |
| interface IEcoCGI1GKSOutput1 : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Initialize*** | (); |
|  | | | |
| int16\_t | | ***Terminate*** | (); |
|  | |  |  |
| int16\_t | | ***PrepareDrawingSurface*** | ([in] enum ECO\_CGI\_1\_CLEAR\_DRAWING\_SURFACE\_e value); |
|  | | | |
| int16\_t | | ***ExecuteDeferredActions*** | (); |
|  | |  |  |
| int16\_t | | ***EndPage*** | (); |
|  | |  |  |
| int16\_t | | ***SetDeferralMode*** | ([in] enum ECO\_CGI\_1\_DEFERRAL\_MODE\_e value); |
|  | |  |  |
| int16\_t | | ***VDCType*** | ([in] enum ECO\_CGI\_1\_VDC\_TYPE\_e value)); |
|  | |  |  |
| int16\_t | | ***DeviceViewport*** | ([in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* corner,  [in] ECO\_CGI\_1\_VIEWPORT\_POINT\_t\* oppositeCorner); |
|  | |  |  |
| } | |  |  |

* + 1. **Initialize function**

The function

* + 1. **Terminate function**

The function

* + 1. **PrepareDrawingSurface function**

The function

* + 1. **ExecuteDeferredActions function**

The function

* + 1. **EndPage function**

The function

* + 1. **SetDeferralMode function**

The function

* + 1. **VDCType function**

The function

* + 1. **DeviceViewport function**

The function

1. **Error codes**

The following table contains the error codes.

|  |  |  |
| --- | --- | --- |
| **Error code** | **Value** | **Description** |
| ERR\_ECO\_SUCCESES | 0x0000 | Operation successful. |
| ERR\_ECO\_UNEXPECTED | 0xFFFF | Unexpected condition. |
| ERR\_ECO\_POINTER | 0xFFEE | NULL was passed incorrectly for a pointer value. |
| ERR\_ECO\_NOINTERFACE | 0xFFED | No such interface supported. |
| ERR\_ECO\_COMPONENT\_NOTFOUND | 0xFFE9 | The component was not found. |
|  |  |  |
|  |  |  |

# **Appendix A: Training programs**