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| --- | --- |
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1. **Overview**

This document describes the requirements for the implementation of the Eco.TTF1 component.

* 1. **Introduction**

Description.

* 1. **Note**
* Keywords
  1. **Links**

This paragraph contains links to information to help you understand this document:

[] – name of the link

Available by: http://address

1. **Eco.TTF1 Component**

The Eco.TTF1 component is

The component has the following description:

1. **IEcoTypographyTTF1 Interface**
   1. **IEcoTypographyTTF1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoTypographyTTF1FontFile.idl"  import "IEcoTypographyTTF1TableRecord.idl"  import "IEcoTypographyTTF1head.idl"  import "IEcoTypographyTTF1cmap.idl"  import "IEcoTypographyTTF1glyf.idl"  import "IEcoTypographyTTF1maxp.idl"  import "IEcoTypographyTTF1loca.idl" | | | |
| [  object,  uguid(FC300438-926D-4270-B684-6AE055E3534A),  ] | | | |
| interface IEcoTypographyTTF1 : IEcoUnknown { | | | |
|  | | | |
| IEcoTypographyTTF1FontFile\* | | ***createFontFile*** | (); |
|  | |  |  |
| IEcoTypographyTTF1TableRecord\* | | ***createTableRecord*** | (); |
|  | |  |  |
| IEcoTypographyTTF1head\* | | ***create\_head*** | (); |
|  | |  |  |
| IEcoTypographyTTF1cmap\* | | ***create\_cmap*** | (); |
|  | |  |  |
| IEcoTypographyTTF1glyf\* | | ***create\_glyf*** | (); |
|  | |  |  |
| IEcoTypographyTTF1maxp\* | | ***create\_maxp*** | (); |
|  | |  |  |
| IEcoTypographyTTF1loca\* | | ***create\_loca*** | (); |
|  | |  |  |
| IEcoTypographyTTF1FontFile\* | | ***Load*** | ([in] char\_t\* fileName); |
|  | |  |  |
| int16\_t | | ***Save*** | ([in] IEcoTypographyTTF1FontFile\* pIFontFile,  [in] char\_t\* fileName); |
|  | |  |  |
| } | |  |  |

* + 1. **createFontFile function**

The function

* + 1. **createTableRecord function**

The function

* + 1. **create\_head function**

The function

* + 1. **create\_cmap function**

The function

* + 1. **create\_glyf function**

The function

* + 1. **create\_maxp function**

The function

* + 1. **create\_loca function**

The function

* + 1. **Load function**

The function

* + 1. **Save function**

The function

1. **IEcoTypographyTTF1cmap** **Interface**
   1. **IEcoTypographyTTF1cmap IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(F6E47CBE-C394-446E-A2C6-C781768AB048),  ] | | | |
| interface IEcoTypographyTTF1cmap : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_CMAP\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_CMAP\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1cvt** **Interface**
   1. **IEcoTypographyTTF1cvt IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(CE5E5E70-94BA-424A-A570-C4F8750F495B),  ] | | | |
| interface IEcoTypographyTTF1cvt : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1DSIG** **Interface**
   1. **IEcoTypographyTTF1DSIG IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(3916FB83-8A1D-4E1B-90E0-EAD3CFEFC3BF),  ] | | | |
| interface IEcoTypographyTTF1DSIG : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1FontFile** **Interface**
   1. **IEcoTypographyTTF1FontFile IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(04052579-D1E5-4967-BF59-E23181B206D6),  ] | | | |
| interface IEcoTypographyTTF1FontFile : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1fpgm** **Interface**
   1. **IEcoTypographyTTF1fpgm IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(092AEBBA-6731-4C22-BE61-F73275094F8A),  ] | | | |
| interface IEcoTypographyTTF1fpgm : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1gasp** **Interface**
   1. **IEcoTypographyTTF1gasp IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(0EA04735-D988-4930-AD38-9042557E93EB),  ] | | | |
| interface IEcoTypographyTTF1gasp : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1GDEF** **Interface**
   1. **IEcoTypographyTTF1GDEF IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(9FD269C4-A46A-428A-BD44-A450725AF32F),  ] | | | |
| interface IEcoTypographyTTF1GDEF : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1glyf** **Interface**
   1. **IEcoTypographyTTF1glyf IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(F46473B7-CFA6-4514-9517-DE19AE61DE48),  ] | | | |
| interface IEcoTypographyTTF1glyf : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_GLYPH\_HEADER\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_GLYPH\_HEADER\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1GPOS** **Interface**
   1. **IEcoTypographyTTF1GPOS IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(F820F85E-ED31-470E-8D67-0EFB7ABCB652),  ] | | | |
| interface IEcoTypographyTTF1GPOS : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1GSUB** **Interface**
   1. **IEcoTypographyTTF1GSUB IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(00000000),  ] | | | |
| interface IEcoTypographyTTF1GSUB : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1hdmx** **Interface**
   1. **IEcoTypographyTTF1hdmx IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(9830EE93-B2B3-438A-A54F-190D7582828C),  ] | | | |
| interface IEcoTypographyTTF1hdmx : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1head** **Interface**
   1. **IEcoTypographyTTF1head IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(D0C5EC3F-03A5-4EE4-9588-978F2731E9E4),  ] | | | |
| interface IEcoTypographyTTF1head : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_HEAD\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_HEAD\_DESCRIPTOR\* descriptor); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

1. **IEcoTypographyTTF1hhea** **Interface**
   1. **IEcoTypographyTTF1hhea IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(8ACAEEAA-D69C-4132-AFB5-8AD351B21EDF),  ] | | | |
| interface IEcoTypographyTTF1hhea : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1hmtx** **Interface**
   1. **IEcoTypographyTTF1hmtx IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(85F31049-D857-42D4-B298-D3023ABCB97D),  ] | | | |
| interface IEcoTypographyTTF1hmtx : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1JSTF** **Interface**
   1. **IEcoTypographyTTF1JSTF IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(00000000),  ] | | | |
| interface IEcoTypographyTTF1JSTF : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1kern** **Interface**
   1. **IEcoTypographyTTF1kern IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(5E01D8D9-4C18-4342-8E5A-E4615DD76119),  ] | | | |
| interface IEcoTypographyTTF1kern : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1loca** **Interface**
   1. **IEcoTypographyTTF1loca IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(5838C7AA-9E63-406A-BD6B-35B9C8DA4F79),  ] | | | |
| interface IEcoTypographyTTF1loca : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***get\_OffsetFormat*** | (); |
|  | |  |  |
| int16\_t | | ***set\_OffsettFormat*** | ([in] int16\_t version); |
|  | |  |  |
| uint16\_t | | ***get\_Offset16*** | ([in] uint16\_t n); |
|  | |  |  |
| int16\_t | | ***set\_Offset16*** | ([in] uint16\_t n,  [in] uint16\_t offset); |
|  | |  |  |
| uint32\_t | | ***get\_Offset32*** | ([in] uint16\_t n); |
|  | |  |  |
| int16\_t | | ***set\_Offset32*** | ([in] uint16\_t n,  [in] uint32\_t offset); |
|  | |  |  |
| uint16\_t | | ***get\_OffsetCount*** | (); |
|  | |  |  |
| void | | ***set\_TableData*** | ([in] byte\_t\* pData,  [in] uint32\_t length); |
|  | |  |  |
| byte\_t\* | | ***get\_TableData*** | (); |
|  | |  |  |
| uint32\_t | | ***get\_TableLength*** | (); |
|  | | | |
| } | |  |  |

* + 1. **get\_OffsetFormat function**

The function

* + 1. **set\_OffsettFormat function**

The function

* + 1. **get\_Offset16 function**

The function

* + 1. **set\_Offset16 function**

The function

* + 1. **get\_Offset32 function**

The function

* + 1. **set\_Offset32 function**

The function

* + 1. **get\_OffsetCount function**

The function

* + 1. **set\_TableData function**

The function

* + 1. **get\_TableData function**

The function

* + 1. **get\_TableLength function**

The function

1. **IEcoTypographyTTF1LTSH** **Interface**
   1. **IEcoTypographyTTF1LTSH IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(09AE979E-DA09-4E1B-801E-3F260532A96B),  ] | | | |
| interface IEcoTypographyTTF1LTSH : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1maxp** **Interface**
   1. **IEcoTypographyTTF1maxp IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000),  ] | | | |
| interface IEcoTypographyTTF1maxp : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_MAXP\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_MAXP\_DESCRIPTOR\* descriptor); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

1. **IEcoTypographyTTF1meta** **Interface**
   1. **IEcoTypographyTTF1meta IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(B74CA7B9-E8BE-4188-A4CB-66AA6E1144B0),  ] | | | |
| interface IEcoTypographyTTF1meta : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1name** **Interface**
   1. **IEcoTypographyTTF1name IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(25DAD2C0-D039-4CA5-B40A-003C13AADD1A),  ] | | | |
| interface IEcoTypographyTTF1name : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1OS2** **Interface**
   1. **IEcoTypographyTTF1OS2 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(1FDB4201-D47D-42E1-ABA7-8A410209AE1A),  ] | | | |
| interface IEcoTypographyTTF1OS2 : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1PCLT** **Interface**
   1. **IEcoTypographyTTF1PCLT IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(BDA9E23C-D37A-4927-8A3A-CFDCCB308329),  ] | | | |
| interface IEcoTypographyTTF1PCLT : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1post** **Interface**
   1. **IEcoTypographyTTF1post IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(64F7D13F-00B4-4B94-9F35-9E7DF3CB002C),  ] | | | |
| interface IEcoTypographyTTF1post : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1prep** **Interface**
   1. **IEcoTypographyTTF1prep IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(318E37B6-4554-43DC-B694-692038384EFE),  ] | | | |
| interface IEcoTypographyTTF1prep : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory function**

The function

1. **IEcoTypographyTTF1TableRecord** **Interface**
   1. **IEcoTypographyTTF1TableRecord IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(2F03C0F8-3E87-4D13-88AD-5EB4A91CCA6E),  ] | | | |
| interface IEcoTypographyTTF1TableRecord : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_RECORD\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_RECORD\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoUnknown\* | | ***get\_Table*** | (); |
|  | |  |  |
| void | | ***set\_Table*** | ([in] IEcoUnknown\* pITable); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_Table function**

The function

* + 1. **set\_Table function**

The function

1. **IEcoTypographyTTF1VDMX** **Interface**
   1. **IEcoTypographyTTF1VDMX IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl"  import "IEcoList1.idl" | | | |
| [  object,  uguid(023DC955-1DD9-47A9-884D-BC3166BF0A29),  ] | | | |
| interface IEcoTypographyTTF1VDMX : IEcoUnknown { | | | |
|  | | | |
| ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* | | ***get\_Descriptor*** | (); |
|  | | | |
| void | | ***set\_Descriptor*** | ([in] ECO\_TRUE\_TYPE\_FONT\_1\_TABLE\_DIRECTORY\_DESCRIPTOR\* descriptor); |
|  | |  |  |
| IEcoList1\* | | ***get\_TableDirectory*** | (); |
|  | |  |  |
| void | | ***set\_TableDirectory*** | ([in] IEcoList1\* pIRecords); |
|  | | | |
| } | |  |  |

* + 1. **get\_Descriptor function**

The function

* + 1. **set\_Descriptor function**

The function

* + 1. **get\_TableDirectory function**

The function

* + 1. **set\_TableDirectory 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**