**Specification**

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Component: IEcoInterfaceBus1

UGUID: 00000000000000000000000042757331

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|  |  |
| --- | --- |
| **Authors** | **Company** |
| Vladimir Bashev | PEERF |
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Content

[**1.** **Overview** 4](#_Toc182073268)

[**1.1.** **Introduction** 4](#_Toc182073269)

[**1.2.** **Note** 4](#_Toc182073270)

[**1.3.** **Links** 4](#_Toc182073271)

[**2.** **Eco.InterfaceBus1 Component** 5](#_Toc182073272)

[**3.** **IEcoInterfaceBus1 Interface** 6](#_Toc182073273)

[**3.1.** **IEcoInterfaceBus1 IDL** 6](#_Toc182073274)

[**3.1.1.** **Init function** 7](#_Toc182073275)

[**3.1.2.** **InitWith function** 7](#_Toc182073276)

[**3.1.3.** **RegisterComponent function** 7](#_Toc182073277)

[**3.1.4.** **UnRegisterComponent function** 7](#_Toc182073278)

[**3.1.5.** **QueryComponent function** 7](#_Toc182073279)

[**4.** **IEcoInterfaceBus1NetExt Interface** 8](#_Toc182073280)

[**4.1.** **IEcoInterfaceBus1NetExt IDL** 8](#_Toc182073281)

[**4.1.1.** **set\_Manager function** 9](#_Toc182073282)

[**4.1.2.** **get\_Manager function** 9](#_Toc182073283)

[**4.1.3.** **QueryComponent function** 9](#_Toc182073284)

[**5.** **IEcoInterfaceBus1MemExt Interface** 10](#_Toc182073285)

[**5.1.** **IEcoInterfaceBus1MemExt IDL** 10](#_Toc182073286)

[**5.1.1.** **set\_Manager function** 11](#_Toc182073287)

[**5.1.2.** **get\_Manager function** 11](#_Toc182073288)

[**5.1.3.** **set\_ExpandPool function** 11](#_Toc182073289)

[**6.** **IEcoInterfaceBus1FileExt Interface** 12](#_Toc182073290)

[**6.1.** **IEcoInterfaceBus1FileExt IDL** 12](#_Toc182073291)

[**6.1.1.** **set\_Manager function** 13](#_Toc182073292)

[**6.1.2.** **get\_Manager function** 13](#_Toc182073293)

[**6.1.3.** **set\_SearchPath function** 13](#_Toc182073294)

[**6.1.4.** **get\_SearchPath function** 13](#_Toc182073295)

[**6.1.5.** **RegisterComponent function** 13](#_Toc182073296)

[**6.1.6.** **QueryComponent function** 13](#_Toc182073297)

[**7.** **Error codes** 14](#_Toc182073298)

[**Appendix A: Training programs** 15](#_Toc182073299)

1. **Overview**

This document describes the requirements for the implementation of the Eco.InterfaceBus1 component. (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.InterfaceBus1 Component**

The Eco.InterfaceBus1 component is

The component has the following description:

1. **IEcoInterfaceBus1 Interface**
   1. **IEcoInterfaceBus1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-A00000000101),  ] | | | |
| interface IEcoInterfaceBus1 : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***Init*** | ([in] void); |
|  | |  |  |
| int16\_t | | ***InitWith*** | ([in] void\* heapStartAddress,  [in] uint32\_t size); |
|  | |  |  |
| int16\_t | | ***RegisterComponent*** | ([in] const UGUID\* rcid,  [in] IEcoUnknown\* pIFactory); |
|  | |  |  |
| int16\_t | | ***UnRegisterComponent*** | ([in] const UGUID\* rcid); |
|  | |  |  |
| int16\_t | | ***QueryComponent*** | ([in] const UGUID\* rcid,  [in] IEcoUnknown\* pIUnkOuter,  [in] const UGUID\* riid,  [out] voidptr\_t\* ppv); |
|  | |  |  |
| } | |  |  |

* + 1. **Init function**

The function

* + 1. **InitWith function**

The function

* + 1. **RegisterComponent function**

The function

* + 1. **UnRegisterComponent function**

The function

* + 1. **QueryComponent function**

The function

1. **IEcoInterfaceBus1NetExt Interface**
   1. **IEcoInterfaceBus1NetExt IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-A00300000101),  ] | | | |
| interface IEcoInterfaceBus1NetExt : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***set\_Manager*** | ([in] const UGUID\* rcid); |
|  | | | |
| const UGUID\* | | ***get\_Manager*** | ([in] void); |
|  | |  |  |
| int16\_t | | ***QueryComponent*** | ([in] char\_t\* networkname,  [in] const UGUID\* rcid,  [in] IEcoUnknown\* pIUnkOuter,  [in] const UGUID\* riid,  [out] voidptr\_t\* ppv) |
|  | | | |
| } | |  |  |

* + 1. **set\_Manager function**

The function

* + 1. **get\_Manager function**

The function

* + 1. **QueryComponent function**

The function

1. **IEcoInterfaceBus1MemExt Interface**
   1. **IEcoInterfaceBus1MemExt IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-A00100000101),  ] | | | |
| interface IEcoInterfaceBus1MemExt : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***set\_Manager*** | ([in] const UGUID\* rcid); |
|  | | | |
| const UGUID\* | | ***get\_Manager*** | ([in] void); |
|  | |  |  |
| int16\_t | | ***set\_ExpandPool*** | ([in] bool\_t bExpandPool); |
|  | |  |  |
| } | |  |  |

* + 1. **set\_Manager function**

The function

* + 1. **get\_Manager function**

The function

* + 1. **set\_ExpandPool function**

The function

1. **IEcoInterfaceBus1FileExt Interface**
   1. **IEcoInterfaceBus1FileExt IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-A00200000101),  ] | | | |
| interface IEcoInterfaceBus1FileExt : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***set\_Manager*** | ([in] const UGUID\* rcid); |
|  | | | |
| const UGUID\* | | ***get\_Manager*** | ([in] void); |
|  | |  |  |
| int16\_t | | ***set\_SearchPath*** | ([in] char\_t\* path); |
|  | |  |  |
| char\_t\* | | ***get\_SearchPath*** | ([in] void); |
|  | |  |  |
| int16\_t | | ***RegisterComponent*** | ([in] const UGUID\* rcid,  [in] char\_t\* filename); |
|  | |  |  |
| int16\_t | | ***QueryComponent*** | ([in] char\_t\* filename,  [in] const UGUID\* rcid,  [in] IEcoUnknown\* pIUnkOuter,  [in] const UGUID\* riid,  [out] voidptr\_t\* ppv) |
|  | |  |  |
| } | |  |  |

* + 1. **set\_Manager function**

The function

* + 1. **get\_Manager function**

The function

* + 1. **set\_SearchPath function**

The function

* + 1. **get\_SearchPath function**

The function

* + 1. **RegisterComponent function**

The function

* + 1. **QueryComponent 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**