**Specification**

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Component: IEcoSystem1

UGUID:

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

This document describes the requirements for the implementation of the Eco.System1 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.System1 Component**

The Eco.System1 component is

The component has the following description:

1. **IEcoAndroidNativeApp1 Interface**
   1. **IEcoAndroidNativeApp1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(41D50AF9-2EED-4355-99E0-C40BC3AFBF43),  ] | | | |
| interface IEcoAndroidNativeApp1 : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***get\_Activity*** | ([out] ANativeActivity\*\* activity,  [out] void\*\* savedState,  [out] size\_t\* savedStateSize); |
|  | |  |  |
| } | |  |  |

* + 1. **get\_Activity function**

The function

1. **IEcoSystemInformation1 Interface**
   1. **IEcoSystemInformation1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-0000000001FF),  ] | | | |
| interface IEcoSystemInformation1 : IEcoUnknown { | | | |
|  | | | |
| char\_t\* | | ***get\_Name*** | ([in] void); |
|  | | | |
| char\_t\* | | ***get\_Id*** | ([in] void); |
|  | | | |
| } | |  |  |

* + 1. **get\_Name function**

The function

* + 1. **get\_Id function**

The function

1. **IEcoCommandArguments1 Interface**
   1. **IEcoCommandArguments1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(00000000-0000-0000-0000-000000000110),  ] | | | |
| interface IEcoCommandArguments1 : IEcoUnknown { | | | |
|  | | | |
| int16\_t | | ***get\_Count*** | ([in] void); |
|  | | | |
| char\_t\*\* | | ***get\_Args*** | ([in] void); |
|  | |  |  |
| char\_t\* | | ***get\_Path*** | ([in] void); |
|  | |  |  |
| char\_t\* | | ***get\_Arg*** | ([in] int16\_t index); |
|  | |  |  |
| } | |  |  |

* + 1. **get\_Count function**

The function

* + 1. **get\_Args function**

The function

* + 1. **get\_Path function**

The function

* + 1. **get\_Arg 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**