

vBox Suite

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Chapter 1

vboxSuite

vboxSuite

Chapter 2

Namespace Index

2.1 Packages

Here are the packages with brief descriptions (if available):

Vbox_Home_CommonLibrary	9
Vbox_Home_XMLTVInterfaceLibrary	9

Chapter 3

Hierarchical Index

3.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon	11
Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync	13

Chapter 4

Class Index

4.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Common Interface Library from which all other classes inherit	11
Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync	
Async Portable XMLTV Interface Library to the device.	13

Chapter 5

Namespace Documentation

5.1 Package Vbox_Home_CommonLibrary

Classes

- class **PortableInterfaceLibraryCommon**
Common Interface Library from which all other classes inherit

5.2 Package Vbox_Home_XMLTVInterfaceLibrary

Classes

- class **PortableXMLTVInterfaceLibraryAsync**
Async Portable XMLTV Interface Library to the device.

Chapter 6

Class Documentation

6.1 Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon Class Reference

Common Interface Library from which all other classes inherit

Inheritance diagram for Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon:

Public Types

- enum **Enum_TimeFormat** { **Enum_TimeFormat.DateAndTime**, **Enum_TimeFormat.Time**, **Enum_TimeFormat.Date**, **Enum_TimeFormat.XMLTV** }
the public enumeration for TimeFormat
- enum **Enum_MethodName_GeneralInterface** { **Enum_MethodName_GeneralInterface.QuerySystemTime**, **Enum_MethodName_GeneralInterface.QueryBoardInfo**, **Enum_MethodName_GeneralInterface.QueryExternalMediaStatus** }
the public enumeration for common query type to run
- enum **Enum_MethodName_XmltvInterface** { **Enum_MethodName_XmltvInterface.QueryXmltvNumOfChannels**, **Enum_MethodName_XmltvInterface.GetXmltvEntireFile**, **Enum_MethodName_XmltvInterface.GetXmltvSection**, **Enum_MethodName_XmltvInterface.GetXmltvChannelsList**, **Enum_MethodName_XmltvInterface.GetXmltvProgramsList**, **Enum_MethodName_XmltvInterface.GetXmltvLanguageTracks**, **Enum_MethodName_XmltvInterface.ScanEPG**, **Enum_MethodName_XmltvInterface.QueryDataBaseversion** }
the public enumeration for XMLTV query type to run
- enum **Enum_MethodName_XmltvInterfaceLanguageTrackTypes** { **Enum_MethodName_XmltvInterfaceLanguageTrackTypes.ALL**, **Enum_MethodName_XmltvInterfaceLanguageTrackTypes.AUDIO**, **Enum_MethodName_XmltvInterfaceLanguageTrackTypes.SUBTITLE** }
the public enumeration for XMLTV language track types

Properties

- string **CommonRequestStringPortion** [get]
Gets common Request String Portion is the portion of the URI that is constant in every call
- string **FailedResponseXml** [get]
Gets the xml string into which to embed the other possible errors

6.1.1 Detailed Description

Common Interface Library from which all other classes inherit

Definition at line 32 of file PortableInterfaceLibraryCommon.cs.

6.1.2 Member Enumeration Documentation

6.1.2.1 enum Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon.Enum_MethodName_↔ GeneralInterface

the public enumeration for common query type to run

Enumerator

- QuerySystemTime** The query system time
- QueryBoardInfo** The query board information
- QueryExternalMediaStatus** The query external media status

Definition at line 67 of file PortableInterfaceLibraryCommon.cs.

6.1.2.2 enum Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon.Enum_MethodName_↔ Interface

the public enumeration for XMLTV query type to run

Enumerator

- QueryXmltvNumOfChannels** The query system time
- GetXmltvEntireFile** The query board information
- GetXmltvSection** The query external media status
- GetXmltvChannelsList** The query Get XMLTV Channels List
- GetXmltvProgramsList** The query Get XMLTV Programs List
- GetXmltvLanguageTracks** The query Get XMLTV Language Tracks
- ScanEPG** The query Scan EPG
- QueryDataBaseversion** The query Query DataBase version

Definition at line 88 of file PortableInterfaceLibraryCommon.cs.

6.1.2.3 enum Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon.Enum_MethodName_↔ InterfaceLanguageTrackTypes

the public enumeration for XMLTV language track types

Enumerator

- ALL** The lang track type ALL
- AUDIO** The lang track type AUDIO
- SUBTITLE** The lang track type SUBTITLE

Definition at line 134 of file PortableInterfaceLibraryCommon.cs.

6.1.2.4 enum VBox_Home_CommonLibrary.PortableInterfaceLibraryCommon.Enum_TimeFormat

the public enumeration for TimeFormat

Enumerator

DateAndTime The date and time gets output similar to : Thu Feb 16, 2012 - 08:44:38 AM

Time The time gets output similar to : 08:44:38 AM

Date The date gets output similar to : Thu Feb 16, 2012

XMLTV The XMLTV gets output similar to : 20120216064400 +0200

Definition at line 37 of file PortableInterfaceLibraryCommon.cs.

6.1.3 Property Documentation

6.1.3.1 string VBox_Home_CommonLibrary.PortableInterfaceLibraryCommon.CommonRequestStringPortion [get]

Gets common Request String Portion is the portion of the URI that is constant in every call

Definition at line 156 of file PortableInterfaceLibraryCommon.cs.

6.1.3.2 string VBox_Home_CommonLibrary.PortableInterfaceLibraryCommon.FailedResponseXml [get]

Gets the xml string into which to embed the other possible errors

Definition at line 164 of file PortableInterfaceLibraryCommon.cs.

The documentation for this class was generated from the following file:

- vboxSuite/PortableInterfaceLibraryCommon/PortableInterfaceLibraryCommon.cs

6.2 VBox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync Class Reference

Async Portable XMLTV Interface Library to the device.

Inheritance diagram for VBox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync:

Public Member Functions

- async Task< XDocument > **GetNumOfChannelsAsync** (Uri u)
Async Get the Number Of Channels from the device
- async Task< XDocument > **GetXmltvEntireFileAsync** (Uri u)
Async Get the Entire XMLTV File (formatted in XMLTV format) from the device
- async Task< XDocument > **GetXmltvChannelsListAsync** (Uri u, string fromChIndex, string toChIndex)
Async get the XMLTV Channels List (formatted in XMLTV format) from the device
- async Task< XDocument > **GetXmltvChannelsListAsync** (Uri u, string channelsList)
Async get the XMLTV Channels List (formatted in XMLTV format) from the device
- async Task< XDocument > **GetXmltvLanguageTracksAsync** (Uri u, string channelId, Enum_Method↔
Name_XmltvInterfaceLanguageTrackTypes langTrackType)
Async get the XMLTV Language Tracks(formatted in XMLTV format) from the device

- `async Task< XDocument > ScanEPGAsync (Uri u, string channelId)`
Async get the EPG data for a particular channel from the device
- `async Task< XDocument > QueryDataBaseVersionAsync (Uri u)`
Async get the DataBase Version used from the device

Additional Inherited Members

6.2.1 Detailed Description

Async Portable XMLTV Interface Library to the device.

Definition at line 34 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2 Member Function Documentation

6.2.2.1 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetNumOfChannelsAsync (Uri u)`

Async Get the Number Of Channels from the device

Parameters

<i>u</i>	the uri of the device
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Returns

returns an XDocument object representing success OR failure

error codes "20000 - server error" and "21000 - xml parse error"

Definition at line 42 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.2 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltvChannelsListAsync (Uri u, string fromChIndex, string toChIndex)`

Async get the XMLTV Channels List (formatted in XMLTV format) from the device

Parameters

<i>u</i>	the uri of the device
<i>fromChIndex</i>	a string representing the first channel in a range to query against
<i>toChIndex</i>	a string representing the last channel in a range to query against

Returns

returns an XDocument object representing success OR failure

error codes "20002 - server error" and "21002 - xml parse error" and "20003 - input error"

Definition at line 116 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.3 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltvChannelsListAsync (Uri u, string channelsList)`

Async get the XMLTV Channels List (formatted in XMLTV format) from the device

Parameters

<i>u</i>	the uri of the device
<i>channelsList</i>	a comma delimited string representing the channels in a range to query against

Returns

returns an XDocument object representing success OR failure

error codes "20004 - server error" and "21004 - xml parse error" and "20005 / 20006 - input error"

Definition at line 159 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.4 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltvEntireFileAsync (Uri u)`

Async Get the Entire XMLTV File (formatted in XMLTV format) from the device

Parameters

<i>u</i>	the uri of the device
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Returns

returns an XDocument object representing success OR failure

error codes "20001 - server error" and "21001 - xml parse error"

Definition at line 77 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.5 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltvLanguageTracksAsync (Uri u, string channelId, Enum_MethodName_XmltvInterfaceLanguageTrackTypes langTrackType)`

Async get the XMLTV Language Tracks(formatted in XMLTV format) from the device

Parameters

<i>u</i>	the uri of the device
<i>channelID</i>	the channel to query against
<i>langTrackType</i>	an enumeration from ENUM_METHODNAME_XMLTVINTERFACELANGUAGETRACKTYPES

Returns

returns an XDocument object representing success OR failure

error codes "20008 - server error" and "21008 - xml parse error" and "20007 - input error"

Definition at line 209 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.6 `async Task<XDocument> Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.QueryDataBaseVersionAsync (Uri u)`

Async get the DataBase Version used from the device

Parameters

<i>u</i>	the uri of the device
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Returns

returns an XDocument object representing success OR failure

error codes "20011 - server error" and "21011 - xml parse error"

Definition at line 294 of file PortableXMLTVInterfaceLibraryAsync.cs.

6.2.2.7 `async Task<XDocument> VBox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.ScanEPGAsync (Uri u, string channelID)`

Async get the EPG data for a particular channel from the device

Parameters

<i>u</i>	the uri of the device
<i>channelID</i>	the channel to query against

Returns

returns an XDocument object representing success OR failure

error codes "20010 - server error" and "21010 - xml parse error" and "20009 - input error"

Definition at line 252 of file PortableXMLTVInterfaceLibraryAsync.cs.

The documentation for this class was generated from the following file:

- vboxSuite/PortableVbox@Home_XMLTVInterface/PortableXMLTVInterfaceLibraryAsync.cs

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