vBox Suite

Generated by Doxygen 1.8.7

Fri Apr 25 2014 19:57:30

## **Contents**

1	vbo	xSuite			1
2	Nam	nespace	Index		3
	2.1	Packa	ges		3
3	Hier	archica	l Index		5
	3.1	Class	Hierarchy		5
4	Clas	ss Index	<b>T</b>		7
	4.1	Class	List		7
5	Nam	nespace	Docume	ntation	9
	5.1	Packa	ge Vbox_F	Home_CommonLibrary	9
	5.2	Packa	ge Vbox_F	Home_GeneralInterfaceLibrary	9
	5.3	Packa	ge Vbox_F	Home_XMLTVInterfaceLibrary	9
6	Clas	ss Docu	mentation	1	11
	6.1	Vbox_	Home_Ge	neralInterfaceLibrary.GeneralInterfaceLibraryAsync Class Reference	11
		6.1.1	Detailed	Description	11
		6.1.2	Member	Function Documentation	11
			6.1.2.1	GetBoardInfoAsync	11
			6.1.2.2	GetExternalMediaStatusAsync	12
			6.1.2.3	GetSystemTimeAsync	12
	6.2	Vbox_	Home_Co	mmonLibrary.PortableInterfaceLibraryCommon Class Reference	12
		6.2.1	Detailed	Description	13
		6.2.2	Member	Enumeration Documentation	13
			6.2.2.1	Enum_MethodName_GeneralInterface	13
			6.2.2.2	Enum_MethodName_XmltvInterface	14
			6.2.2.3	Enum_MethodName_XmltvInterfaceLanguageTrackTypes	14
			6.2.2.4	Enum_TimeFormat	14
		6.2.3	Property	Documentation	14
			6.2.3.1	CommonRequestStringPortion	14
			6232	FailedResnonseXml	15

iv CONTENTS

Index				20
		6.3.2.7	ScanEPGAsync	18
		6.3.2.6	QueryDataBaseVersionAsync	18
		6.3.2.5	GetXmltvLanguageTracksAsync	18
		6.3.2.4	GetXmltvEntireFileAsync	17
		6.3.2.3	GetXmltvChannelsListAsync	17
		6.3.2.2	GetXmltvChannelsListAsync	17
		6.3.2.1	GetNumOfChannelsAsync	16
	6.3.2	Member	Function Documentation	16
	6.3.1	Detailed	Description	15
6.3	Vbox_	Home_XM	ILTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync Class Reference	15

## vboxSuite

vboxSuite

2 vboxSuite

# Namespace Index

2.1	Packag	es
<b>-</b>	i uonug	60

Here are the	nackanas	with	hriaf	descriptions	/if	availahla'	١
nere are trie	packages	WILLI	briei	descriptions	(11	avallable	).

Vbox_Home_CommonLibrary												 			ć
Vbox_Home_GeneralInterfaceLibrary												 			ç
Vbox_Home_XMLTVInterfaceLibrary															9

Namespace Index

## **Hierarchical Index**

### 3.1 Class Hierarchy

This inheritance	list is sorted	roughly, b	ut not completely,	alphabetically:

Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon	12
Vbox_Home_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync	11
Vbox Home XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync	15

6 **Hierarchical Index** 

## **Class Index**

### 4.1 Class List

Here are the classes,	structs, i	unions a	nd interfaces	with bri	ef descriptions:

Vbox_Home_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync	
Async Portable GENERAL Interface Library to the device	11
Vbox_Home_CommonLibrary.PortableInterfaceLibraryCommon	
Common Interface Library from which all other classes inherit	12
Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync	
Async Portable XMLTV Interface Library to the device	15

8 Class Index

### **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\_GeneralInterfaceLibrary

#### Classes

• class GeneralInterfaceLibraryAsync

Async Portable GENERAL Interface Library to the device.

### 5.3 Package Vbox\_Home\_XMLTVInterfaceLibrary

#### Classes

• class PortableXMLTVInterfaceLibraryAsync

Async Portable XMLTV Interface Library to the device.

Names	pace	Docur	mentatior

### **Class Documentation**

### 6.1 Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync Class Reference

Async Portable GENERAL Interface Library to the device.

Inheritance diagram for Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync:

Vbox\_Home\_CommonLibrary.PortableInterfaceLibraryCommon

Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync

#### **Public Member Functions**

- async Task< XDocument > GetSystemTimeAsync (Uri u, Enum\_TimeFormat t)
  - Async Get the Time from the device in the requested format
- async Task< XDocument > GetExternalMediaStatusAsync (Uri u)

Async Get the External Media Status

async Task< XDocument > GetBoardInfoAsync (Uri u)

Async Get the Devices Board Information

#### **Additional Inherited Members**

#### 6.1.1 Detailed Description

Async Portable GENERAL Interface Library to the device.

Definition at line 34 of file GeneralInterfaceLibraryAsync.cs.

#### 6.1.2 Member Function Documentation

6.1.2.1 async Task<XDocument> Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync.GetBoardInfoAsync ( Uri u )

Async Get the Devices Board Information

12 Class Documentation

#### **Parameters**

и	the uri of the device

#### Returns

returns an XDocument object representing success OR failure

error codes "10002 - server error" and "11002 - xml parse error"

Definition at line 109 of file GeneralInterfaceLibraryAsync.cs.

6.1.2.2 async Task<XDocument> Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync.GetExternalMedia← StatusAsync ( Uri *u* )

Async Get the External Media Status

#### **Parameters**

и	the uri of the device

#### Returns

returns an XDocument object representing success OR failure

error codes "10001 - server error" and "11001 - xml parse error"

Definition at line 76 of file GeneralInterfaceLibraryAsync.cs.

6.1.2.3 async Task<XDocument> Vbox\_Home\_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync.GetSystemTimeAsync ( Uri u, Enum\_TimeFormat t)

Async Get the Time from the device in the requested format

#### **Parameters**

и	the uri of the device
t	an enumeration from ENUM_TIMEFORMAT

#### Returns

returns an XDocument object representing success OR failure

error codes "10000 - server error" and "11000 - xml parse error"

Definition at line 43 of file GeneralInterfaceLibraryAsync.cs.

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

• vboxSuite/PortableVbox@Home\_GENERALInterface/GeneralInterfaceLibraryAsync.cs

#### 6.2 Vbox\_Home\_CommonLibrary.PortableInterfaceLibraryCommon Class Reference

Common Interface Library from which all other classes inherit

 $Inheritance\ diagram\ for\ Vbox\_Home\_CommonLibrary. Portable Interface Library Common:$ 

	Vbox_Home_CommonLibrary.I	PortableInterfaceLibraryCommon	
		1	1
Vbox_Home_GeneralInterfaceLibrary.GeneralInterfaceLibraryAsync		Vbox_Home_XMLTVInterfaceLibrary	.PortableXMLTVInterfaceLibraryAsync
•			

#### **Public Types**

enum Enum\_TimeFormat { Enum\_TimeFormat.DateAndTime, Enum\_TimeFormat.Time, Enum\_TimeFormat.XMLTV }

the public enumeration for TimeFormat

the public enumeration for common query type to run

• enum Enum MethodName XmltvInterface {

Enum\_MethodName\_XmltvInterface.QueryXmltvNumOfChannels, Enum\_MethodName\_Xmltv
Interface.GetXmltvEntireFile, Enum\_MethodName\_XmltvInterface.GetXmltvSection, Enum\_Method
Name\_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\_Xmltv
 InterfaceLanguageTrackTypes.ALL, Enum\_MethodName\_XmltvInterfaceLanguageTrackTypes.AU
 DIO, 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

#### 6.2.1 Detailed Description

Common Interface Library from which all other classes inherit

Definition at line 32 of file PortableInterfaceLibraryCommon.cs.

- 6.2.2 Member Enumeration Documentation
- 6.2.2.1 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.

14 Class Documentation

6.2.2.2 enum Vbox\_Home\_CommonLibrary.PortableInterfaceLibraryCommon.Enum\_MethodName\_Xmltv← 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

GetXmltvProgramsList The query Get XMLTV Programs List

GetXmltvLanguageTracks The query Get XMLTV Language Tracks

ScanEPG The guery Scan EPG

QueryDataBaseversion The query Query DataBase version

Definition at line 88 of file PortableInterfaceLibraryCommon.cs.

6.2.2.3 enum Vbox\_Home\_CommonLibrary.PortableInterfaceLibraryCommon.Enum\_MethodName\_Xmltv← 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.

6.2.2.4 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.

#### 6.2.3 Property Documentation

**6.2.3.1** 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.

6.2.3.2 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.

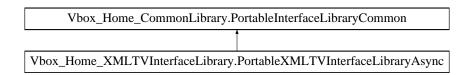
The documentation for this class was generated from the following file:

• vboxSuite/PortableInterfaceLibraryCommon/PortableInterfaceLibraryCommon.cs

# 6.3 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 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**

#### 6.3.1 Detailed Description

Async Portable XMLTV Interface Library to the device.

Definition at line 34 of file PortableXMLTVInterfaceLibraryAsync.cs.

16 Class Documentation

#### 6.3.2 Member Function Documentation

6.3.2.1 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetNumOf $\leftarrow$  ChannelsAsync ( Uri u )

Async Get the Number Of Channels from the device

#### **Parameters**

и	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.

6.3.2.2 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterface← LibraryAsync.GetXmltvChannelsListAsync ( Uri *u*, string *fromChIndex*, string *toChIndex* )

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

#### **Parameters**

и	the uri of the device
fromChIndex	a string representing the first channel in a range to query against
toChIndex	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.

6.3.2.3 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltv← ChannelsListAsync ( Uri *u,* string *channelsList* )

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

#### **Parameters**

и	the uri of the device
channelsList	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.

6.3.2.4 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltvEntire← FileAsync ( Uri *u* )

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

18 Class Documentation

#### **Parameters**

и	the uri of the device

#### 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.

6.3.2.5 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.GetXmltv

LanguageTracksAsync ( Uri u, string channelID, Enum\_MethodName\_XmltvInterfaceLanguageTrackTypes langTrackType )

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

#### **Parameters**

и	the uri of the device
channelID	the channel to query against
langTrackType	an enumeration from ENUM_METHODNAME_XMLTVINTERFACELANGUAGETRACKTY
	PES

#### 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.

6.3.2.6 async Task<XDocument> Vbox\_Home\_XMLTVInterfaceLibrary.PortableXMLTVInterfaceLibraryAsync.QueryData← BaseVersionAsync ( Uri *u* )

Async get the DataBase Version used from the device

#### **Parameters**

и	the uri of the device

#### 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.

6.3.2.7 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**

и	the uri of the device
channelID	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:

 $\bullet \ vboxSuite/PortableVbox@Home\_XMLTVInterface/PortableXMLTVInterfaceLibraryAsync.cs$ 

### Index

AΠ GetXmltvChannelsListAsync Vbox Home\_CommonLibrary::PortableInterface ← Vbox Home XMLTVInterfaceLibrary::PortableX← LibraryCommon, 14 MLTVInterfaceLibraryAsync, 17 **AUDIO** GetXmltvEntireFile Vbox\_Home\_CommonLibrary::PortableInterface ←  $Vbox\_Home\_CommonLibrary::PortableInterface \hookleftarrow$ LibraryCommon, 14 LibraryCommon, 14 GetXmltvEntireFileAsync CommonRequestStringPortion Vbox\_Home\_XMLTVInterfaceLibrary::PortableX← Vbox\_Home\_CommonLibrary::PortableInterface← MLTVInterfaceLibraryAsync, 17 LibraryCommon, 14 GetXmltvLanguageTracks Vbox Home CommonLibrary::PortableInterface← Date LibraryCommon, 14 Vbox\_Home\_CommonLibrary::PortableInterface← GetXmltvLanguageTracksAsync LibraryCommon, 14 Vbox Home XMLTVInterfaceLibrary::PortableX← DateAndTime MLTVInterfaceLibraryAsync, 18 Vbox\_Home\_CommonLibrary::PortableInterface← GetXmltvProgramsList LibraryCommon, 14  $Vbox\_Home\_CommonLibrary::PortableInterface \hookleftarrow$ LibraryCommon, 14 Enum MethodName GeneralInterface GetXmltvSection Vbox\_Home\_CommonLibrary::PortableInterface← Vbox Home CommonLibrary::PortableInterface← LibraryCommon, 13 LibraryCommon, 14 Enum MethodName XmltvInterface Vbox\_Home\_CommonLibrary::PortableInterface← QueryBoardInfo LibraryCommon, 13 Vbox Home CommonLibrary::PortableInterface← Enum\_MethodName\_XmltvInterfaceLanguageTrack --LibraryCommon, 13 QueryDataBaseVersionAsync Vbox\_Home\_CommonLibrary::PortableInterface← Vbox Home XMLTVInterfaceLibrary::PortableX← LibraryCommon, 14 MLTVInterfaceLibraryAsync, 18 Enum TimeFormat QueryDataBaseversion Vbox Home CommonLibrary::PortableInterface← Vbox\_Home\_CommonLibrary::PortableInterface ← LibraryCommon, 14 LibraryCommon, 14 QueryExternalMediaStatus FailedResponseXml Vbox Home CommonLibrary::PortableInterface← Vbox Home CommonLibrary::PortableInterface← LibraryCommon, 13 LibraryCommon, 14 QuerySystemTime GetBoardInfoAsync Vbox\_Home\_CommonLibrary::PortableInterface ← Vbox\_Home\_GeneralInterfaceLibrary::General ← LibraryCommon, 13 InterfaceLibraryAsync, 11 QueryXmltvNumOfChannels GetExternalMediaStatusAsync Vbox\_Home\_CommonLibrary::PortableInterface ← Vbox\_Home\_GeneralInterfaceLibrary::General ← LibraryCommon, 14 InterfaceLibraryAsync, 12 GetNumOfChannelsAsync **SUBTITLE** Vbox Home XMLTVInterfaceLibrary::PortableX← Vbox Home CommonLibrary::PortableInterface← MLTVInterfaceLibraryAsync, 16 LibraryCommon, 14 GetSystemTimeAsync ScanEPG Vbox Home GeneralInterfaceLibrary::General←  $Vbox\_Home\_CommonLibrary::PortableInterface \hookleftarrow$ InterfaceLibraryAsync, 12 LibraryCommon, 14 GetXmltvChannelsList ScanEPGAsync

 $Vbox\_Home\_XMLTVInterfaceLibrary::PortableX \leftarrow$ 

MLTVInterfaceLibraryAsync, 18

Vbox\_Home\_CommonLibrary::PortableInterface←

LibraryCommon, 14

INDEX 21

```
Time
    Vbox Home CommonLibrary::PortableInterface←
         LibraryCommon, 14
Vbox Home CommonLibrary, 9
Vbox_Home_CommonLibrary.PortableInterface ←
         LibraryCommon, 12
Vbox Home CommonLibrary::PortableInterface←
         LibraryCommon
    ALL. 14
    AUDIO, 14
    CommonRequestStringPortion, 14
    Date, 14
    DateAndTime, 14
    Enum_MethodName_GeneralInterface, 13
    Enum MethodName XmltvInterface, 13
    Enum_MethodName_XmltvInterfaceLanguage ~
         TrackTypes, 14
    Enum TimeFormat, 14
    FailedResponseXml, 14
    GetXmltvChannelsList. 14
    GetXmltvEntireFile, 14
    GetXmltvLanguageTracks, 14
    GetXmltvProgramsList, 14
    GetXmltvSection, 14
    QueryBoardInfo, 13
    QueryDataBaseversion, 14
    QueryExternalMediaStatus, 13
    QuerySystemTime, 13
    QueryXmltvNumOfChannels, 14
    SUBTITLE, 14
    ScanEPG, 14
    Time, 14
    XMLTV, 14
Vbox Home GeneralInterfaceLibrary, 9
Vbox\_Home\_GeneralInterface Library. GeneralInterface {\leftarrow}
         LibraryAsync, 11
Vbox_Home_GeneralInterfaceLibrary::General ←
         InterfaceLibraryAsync
    GetBoardInfoAsync, 11
    GetExternalMediaStatusAsync, 12
    GetSystemTimeAsync, 12
Vbox Home XMLTVInterfaceLibrary, 9
Vbox_Home_XMLTVInterfaceLibrary.PortableXMLTV←
         InterfaceLibraryAsync, 15
Vbox_Home_XMLTVInterfaceLibrary::PortableXMLT←
         VInterfaceLibraryAsync
    GetNumOfChannelsAsync, 16
    GetXmltvChannelsListAsync, 17
    GetXmltvEntireFileAsync, 17
    GetXmltvLanguageTracksAsync, 18
    QueryDataBaseVersionAsync, 18
    ScanEPGAsync, 18
XMLTV
    Vbox Home CommonLibrary::PortableInterface←
         LibraryCommon, 14
```