

TV.INFO

tv.info class provides device information of TV . For example, a country code, a language code that is shown UI.

Add the following line for tv.info class into a html file your own :

```
<script type="text/javascript" src="$MANAGER_WIDGET/Common/webapi/1.0/webapis.js"></script>
```

You can declare tv.info class like this :

```
ex) var tvInfo = webapis.tv.info;
```

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Constants

Name	Value	Description
TIMEZONE_USA_NEWFOUNDLAND	0	Time zone identifier for USA Newfoundland
TIMEZONE_USA_ATLANTIC	1	Time zone identifier for USA Atlantic
TIMEZONE_USA_EASTERN	2	Time zone identifier for USA Eastern
TIMEZONE_USA_CENTRAL	3	Time zone identifier for USA Central
TIMEZONE_USA_MOUNTAIN	4	Time zone identifier for USA Mountain
TIMEZONE_USA_PACIFIC	5	Time zone identifier for USA Pacific
TIMEZONE_USA_ALASKA	6	Time zone identifier for USA Alaska

TIMEZONE_USA_HAWAII	7	Time zone identifier for USA Hawaii
TIMEZONE_KOR_SEOUL	8	Time zone identifier for USA Seoul
TIMEZONE_DVB_REGION_0	9	DVB Time Zone Offset (Region 0) - Australia: Use in a country that does not have multiple time zones
TIMEZONE_DVB_REGION_1	10	The identifier for time zone offset DVB (Region 1) - Australia: reserved, Spain
TIMEZONE_DVB_REGION_2	11	The identifier for time zone offset DVB (Region 2) - Australia: New South Wales / ACT, Spain
TIMEZONE_DVB_REGION_3	12	The identifier for time zone offset DVB (Region 3) - Australia: Victoria
TIMEZONE_DVB_REGION_4	13	The identifier for time zone offset DVB (Region 4) - Australia: Queensland
TIMEZONE_DVB_REGION_5	14	The identifier for time zone offset DVB (Region 5) - Australia: South Australia
TIMEZONE_DVB_REGION_6	15	The identifier for time zone offset DVB (Region 6) - Australia: Western Australia
TIMEZONE_DVB_REGION_7	16	The identifier for time zone offset DVB (Region 7) - Australia: Tasmania
TIMEZONE_DVB_REGION_8	17	The identifier for time zone offset DVB (Region 8) - Australia: Northern Territory
PRODUCT_TYPE_TV	0	The identifier for TV product.
PRODUCT_TYPE_BD	1	The identifier for Blu-ray player product.
PRODUCT_TYPE_MONITOR	2	The identifier for monitor product
TIMEZONE_DST_ON	1	The identifier for Daylight Saving Time is on.
TIMEZONE_DST_OFF	2	The identifier for Daylight Saving Time is off.
TIMEZONE_DST_AUTO	3	The identifier for Daylight Saving Time setting is auto.

Methods

getCountry

Description

This function returns the country code in which the device is located

Parameters	none
Return	■DOMString - CountryCode
Emulator Support	Y
SDK Constraint	None

Example

```
var countryCode = deviceapis.tv.info.getCountry();
```

getLanguage

Description

Returns the language code in which the User Interface is displayed.

Parameters	none
Return	■DOMString - Language Code
Emulator Support	Y
SDK Constraint	None

Example

```
var languageCode = deviceapis.tv.info.getLanguage();
```

getDeviceID

Description

Gets the device id. The device ID should be unique across all devices for a given product. It is useful for unique device identification

Parameters	none
Return	■DOMString - Unique device ID of the device
Emulator Support	Y
SDK Constraint	None

Example

```
console.log("Device ID is " + webapis.tv.info.getDeviceID());
```

getFirmware

Description

Returns the current Firmware version

Parameters	none
Return	■String - Model Name - format : [model code]_[region code] * LN40D7500_KOR
Emulator Support	Y
SDK Constraint	None

Example

```
var firmware = deviceapis.tv.info.getFirmware();
```

getModel

Description

Returns the model name of the product.

Parameters	none
Return	■String - Model Name - format : [model code]_[region code] * LN40D7500_KOR
Emulator Support	Y
SDK Constraint	None

Example

```
var modelName = deviceapis.tv.info.getModel();
```

getProduct

Description

Returns the current product type (TV or BD or Monitor) on successReturns the current product type (TV or BD or Monitor) on success

Parameters	none
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Return	<ul style="list-style-type: none"> ■Product Type <ul style="list-style-type: none"> - PRODUCT_TYPE_TV - PRODUCT_TYPE_BD - PRODUCT_TYPE_MONITOR
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var productType = deviceapis.tv.info.getProduct();</pre>	
getVersion	
Description	
Returns the Smart HUB Version	
Parameters	none
Return	<ul style="list-style-type: none"> ■DOMString <ul style="list-style-type: none"> - SmartHub Version
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var smartHubVersion = deviceapis.tv.info.getVersion();</pre>	
convertEpochToTime	
Description	
function converts the epoch time given in the parameter to local time and returns it in the form of a Date object.	
Parameters	<ul style="list-style-type: none"> ■epochTime <ul style="list-style-type: none"> - Unsigned long - The current Epoch time. Epoch time should be a positive number which is greater than zero.
Return	<ul style="list-style-type: none"> ■Date <ul style="list-style-type: none"> - Date object which is converted from epoch time
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var epochTime = webapis.tv.info.getEpochTime(); var date = webapis.tv.info.covertEpochToTime(epochTime); alert(date.toUTC());</pre>	
convertTimeToEpoch	
Description	
This function converts the Date Oject given in the parameter to epoch time	
Parameters	<ul style="list-style-type: none"> ■time <ul style="list-style-type: none"> - Date Object
Return	<ul style="list-style-type: none"> ■Unsigned long <ul style="list-style-type: none"> - EpochTime - Current Epoch Time
Emulator Support	Y
SDK Constraint	None

Example

```
var time = new Date();
var epochTime = deviceapis.tv.info.covertTimeToEpoch(time);
alert("EpochTime : " + epochTime);
```

getEpochTime

Description

Returns the current Epoch Time.

Parameters	none
Return	■ Number - Current Epoch Time
Emulator Support	Y
SDK Constraint	None

Example

```
var epochTime = deviceapis.tv.info.getEpochTime();
```

getTick

Description

Returns the current tick count.

Parameters	none
Return	■ Number - Current Tick Count
Emulator Support	Y
SDK Constraint	None

Example

```
var tickCount = deviceapis.tv.info.getTick();
```

getTimeZone

Description

Gets the information of timezone.

Parameters	none
Return	■ TimeZone - Timezone information.
Emulator Support	Y
SDK Constraint	None

Example

```
var timezone = deviceapis.tv.info.getTimeZone();
alert("time zone index :"+timezone.timezone);
alert("time zone offset :"+timezone.offset);
alert("time zone dst :"+timezone.dst);
```