

TV

Handles the basic TV commands (for example, EPG, Callback event, and so on).

Add the following line for TV class into a html file your own :

```
<object id="plugin" classid="clsid:SAMSUNG-INFOLINK-SEF" style="width:0px; height:0px;"></object>
```

You can declare TV class like this :

```
ex) plugin = document.getElementById("plugin");

    plugin.Open('TV', '1.001', 'TV');

    plugin.Execute('method', 'parm1', 'parm2');
```

Contents

Constants

Methods

FlagStreamDST

GetDST

GetTimeZone

GetTimeZone_Offset

GetDisplayPanelType

GetProductType

GetProductCode

Constants

Name	Value	Description
PL_TV_DISPLAY_PANEL_LCD	0	The Panel LCD
PL_TV_DISPLAY_PANEL_PDP	1	The Panel PDP
PL_TV_DISPLAY_PANEL_DLP	2	The Panel DLP
PL_TV_DISPLAY_PANEL_LED	3	The Panel LED
PL_TV_DISPLAY_PANEL_LED_EDGE	4	The Panel LED_EDGE
PL_TV_DISPLAY_PANEL_LED_DIRECT	5	The Panel LED_DIRECT
PL_TV_DISPLAY_PANEL_CRT	6	The Panel CRT
PL_TV_DST_TYPE_OFF	0	DST Type off
PL_TV_DST_TYPE_ON	1	DST Type on

PL_TV_DST_TYPE_AUTO	2	DST Type auto
PL_TV_PRODUCT_TYPE_TV	0	Product type TV
PL_TV_PRODUCT_TYPE_MONITOR	1	Product type Monitor
PL_TV_PRODUCT_TYPE_BD	2	Product type BD
PL_TV_TIMEZONE_NEWFOUNDLAND	0	ATSC USA NEWFOUNDLAND
PL_TV_TIMEZONE_ATLANTIC	1	ATSC USA ATLANTIC
PL_TV_TIMEZONE_EASTERN	2	ATSC USA EASTERN
PL_TV_TIMEZONE_CENTRAL	3	ATSC USA CENTRAL
PL_TV_TIMEZONE_MOUNTAIN	4	ATSC USA MOUNTAIN
PL_TV_TIMEZONE_PACIFIC	5	ATSC USA PACIFIC
PL_TV_TIMEZONE_ALASKA	6	ATSC USA ALASKA
PL_TV_TIMEZONE_HAWAII	7	ATSC USA HAWAII
PL_TV_TIMEZONE_SEOUL	100	ATSC KOR
PL_TV_TIMEZONE_REGION_0	200	DVB Time Zone Offset (Region 0) - Australia : Use in countries that do not have multi time zones
PL_TV_TIMEZONE_REGION_1	201	DVB Time Zone Offset (Region 1) - Australia : reserved , Spain
PL_TV_TIMEZONE_REGION_2	202	DVB Time Zone Offset (Region 2) - Australia : New South Wales/ACT , Spain
PL_TV_TIMEZONE_REGION_3	203	DVB Time Zone Offset (Region 3) - Australia : Victoria
PL_TV_TIMEZONE_REGION_4	204	DVB Time Zone Offset (Region 4) - Australia : Queensland
PL_TV_TIMEZONE_REGION_5	205	DVB Time Zone Offset (Region 5) - Australia : South Australia
PL_TV_TIMEZONE_REGION_6	206	DVB Time Zone Offset (Region 6) - Australia : Western Australia
PL_TV_TIMEZONE_REGION_7	207	DVB Time Zone Offset (Region 7) - Australia : Tasmania
PL_TV_TIMEZONE_REGION_8	208	DVB Time Zone Offset (Region 8) - Australia : Northern Territory

Methods

FlagStreamDST

Description

The FlagStreamDST function gets the DST (Daylight Savings Time) on/off information from the current stream.

Parameters none

Return

- Success
- positive value
- Fail
- negative value

Emulator Support Y

SDK Constraint None

Example

```
TVPlugin.FlagStreamDST();
```

GetDST

Description

The GetDST function gets the current DST (Daylight Savings Time) type.	
Parameters	none
Return	<div> <div>■Success</div> <div>- current DST type (PL_TV_DST_TYPE)</div> </div> <div> <div>■Fail</div> <div>- negative value</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
TVPlugin.GetDST();	
<h2>GetTimeZone</h2>	
Description	
The GetTimeZone function gets the time zone (PL_TV_TIMEZONE).	
Parameters	none
Return	<div> <div>■Success</div> <div>- time zone(PL_TV_TIMEZONE)</div> </div> <div> <div>■Fail</div> <div>- negative value</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
TVPlugin.GetTimeZone();	
<h2>GetTimeZone_Offset</h2>	
Description	
The GetTimeZone_Offset function gets the offset of the time zone (PL_TV_TIMEZONE).	
Parameters	none
Return	<div> <div>■Success</div> <div>- offset of timezone(PL_TV_TIMEZONE)</div> </div> <div> <div>■Fail</div> <div>- negative value</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
TVPlugin.GetTimeZone_Offset();	
<h2>GetDisplayPanelType</h2>	
Description	
The GetDisplayPanelType function gets the display panel type (for example, LCD, LED, and so on).	
Parameters	none

Return	<ul style="list-style-type: none"> ■Success <ul style="list-style-type: none"> - display panel type (PL_TV_DISPLAY_PANEL) ■Fail <ul style="list-style-type: none"> - negative value
Emulator Support	Y
SDK Constraint	None
Example	
<pre>if(TVPlugin.GetDisplayPanelType() == PL_TV_DISPLAY_PANEL_PDP); { \\. }</pre>	
GetProductType	
Description	
The GetProductType function gets the product type (for example, TV, BD, Monitor, and so on).	
Parameters	none
Return	<ul style="list-style-type: none"> ■Success <ul style="list-style-type: none"> - product type. (PL_TV_PRODUCT_TYPE) ■Fail <ul style="list-style-type: none"> - negative value
Emulator Support	Y
SDK Constraint	None
Example	
<pre>if(PL_TV_PRODUCT_TYPE_BD == TVPlugin.GetProductType()) \\. }</pre>	
GetProductCode	
Description	
The GetProductCode function gets the product code (for example, UNNOC7000).	
Parameters	<ul style="list-style-type: none"> ■region <ul style="list-style-type: none"> - Number - flag for adding region code. * 1: add "_[region]", 0: No region
Return	<ul style="list-style-type: none"> ■Success <ul style="list-style-type: none"> - target product code ■Fail <ul style="list-style-type: none"> - negative value
Emulator Support	Y
SDK Constraint	None
Example	
<pre>if("UNNOC7000_USA" == TVPlugin.GetProductCode(1)) { \\. }</pre>	