hcap\_js\_extension-1.24.6.5895

|  |  |  |  |
| --- | --- | --- | --- |
| **Command** | **Details** | **Support** | **Notes** |
| property. setProperty | tv\_channel\_attribute\_floating\_ui | (not applied) | We don’t have any floating messages |
|  | instant\_power | (not applied) | STB is always ON |
|  | display\_resolution | (already supported) |  |
|  | screensaver\_control | (not applied) |  |
|  | tv\_name | (already supported) |  |
|  | tv\_volume\_ui | (already supported) |  |
| property. getProperty | instant\_power | (not applied) |  |
|  | display\_resolution | (already supported) |  |
|  | model\_name | (already supported) |  |
|  | platform\_version | (already supported) |  |
|  | serial\_number | (already supported) |  |
|  | micom\_version | (already supported) |  |
|  | hcap\_middleware\_version | (already supported) |  |
|  | tv\_name | (already supported) |  |
| property. setPictureProperty |  | (not applied) | STB doesn’t have picture properties, maybe can be set with HDMI CEC |
| externalinput | getCurrentExternalInput | (not applied) | There are no external inputs on STB. Alternative use HDMI CEC |
|  | setCurrentExternalInput |
|  | isExternalInputConnected |
|  | ExternalInputType |
| channel | getCurrentChannel | (already supported) |  |
|  | requestChangeCurrentChannel | (already supported) |  |
|  | stopCurrentChannel | (already supported) |  |
|  | setStartChannel | (already supported) |  |
|  | getCurrentChannelAudioLanguageIndex | (already supported) |  |
|  | setCurrentChannelAudioLanguageIndex | (already supported) |  |
|  | get\_current\_channel\_audio\_language\_list | (already supported) |  |
|  | get\_current\_channel\_subtitle\_language\_list | (already supported) |  |
|  | get\_current\_channel\_subtitle\_language\_index | (already supported) |  |
|  | set\_current\_channel\_subtitle\_language\_index | (already supported) |  |
| video | setVideoSize | (already supported) |  |
| Media | startUp | (not applied) | Video files .mp4 are playing with custom command (see \*Note 1) |
|  | createMedia |
|  | shutDown |
| preloadedApplication | launchPreloadedApplication | (not applied) | No other Apps installed |
|  | getPreloadedApplicationList |
| volume | getVolumeLevel | (already supported) |  |
|  | setVolumeLevel | (already supported) |  |
|  |  |  |  |
| network | getNetworkInformation | (already supported) |  |
|  | getNumberOfNetworkDevices | (already supported) |  |
|  | getNetworkDevice | (already supported) |  |
|  | NetworkMode | (can’t find this) |  |
| power | getPowerMode | (already supported) | Support only NORMAL |
|  | setPowerMode | (already supported) | Support only NORMAL |
|  | reboot | (already supported) |  |
|  | powerOff | (already supported) | STB is always ON,  A black screen saver is displayed over application |
| system | beginDestroy | (not applied) |  |
|  | endDestroy | (not applied) |  |
| bluetooth | setScanState | (on future versions) |  |
|  | disconnect | (on future versions) |  |
| key | Code | (not applied) | Only application can use Keys. (keycode event) |
|  | clearKeyTable |
|  | addKeyItem |
|  | sendKey |
| mouse | setPointerOn | (already supported) |  |
| time | setLocalTime | (already supported) |  |
| checkout | requestCheckout | (not applied) |  |
|  |  |  |  |
| Events | keydown | (already supported) |  |
|  | mousemove | (already supported) |  |
|  | channel\_changed | (already supported) |  |
|  | power\_mode\_changed | (already supported) |  |
|  | on\_destroy | (not applied) |  |
|  | bluetooth\_event\_received | (on future versions) |  |
|  | external\_input\_changed | (not applied) |  |
|  | media\_event\_received | (already supported) | Only  "play\_start"  "play\_end"  "error\_in\_playing" |

**Note 1**: STB can play UDP, RTP streams and SRT, RTSP, RTMP, HLS, MPEG-DASH, HTTP (mp4 files)

For these extra protocols the application should send channel Type : 99

Example:

param = {

"channelType": 99, //channel type (special only for lemco)

"url" : “http://192.168.1.20/test.mp4”,

"onSuccess" : function() {

//console.log("onSuccess");

},

"onFailure" : function(f) {

console.log("onFailure : errorMessage = " + f.errorMessage);

}

};

hcap.channel.requestChangeCurrentChannel(param);

**Note 2**: The developer can use remote inspector if the debug function is enabled (from application, reboot required). Must turn it off when the application is released, as it is consuming a lot CPU power

hcap.system.setBrowserDebugMode({

"debugMode" : true,

"onSuccess" : function() {

console.log("onSuccess");

},

"onFailure" : function(f) {

console.log("onFailure : errorMessage = " + f.errorMessage);

}

});

Then reboot STB and navigate from PC to <http://(ip-address-stb):2345>

**Note 3**: You can refer to the HDMI CEC document, where there is information about how the STB can send commands to TV monitors (in case they support CEC). Through HDMI CEC the STB can turn ON-OFF the monitor. Also, it can switch HDMI input source of the TV monitor (with CEC commands)

**Note 4**: The STB is always ON (when it receives power). The remote control can copy the PowerOFF Infrared signal, so it can turn off the TV monitor (The remote does not transmit any power key event in this case, it only sends signal to TV).

**Note 5**: Bluetooth is supported from STB hardware but not yet enabled in application.

**Note 6:** setLocalTime command use UTC timezones, (not GMT offsets). Option to enable or disable NTP client. If NTP is true then it gets time from internet (not from command)

Example :

hcap.time.setLocalTime({

"year" : 2023,

"month" : 8,

"day" : 31,

"hour" : 1,

"minute" : 0,

"second" : 0,

"timezone" : "Europe/Athens",

"set\_ntp" : true,

"onSuccess" : function() {

console.log("onSuccess");

},

"onFailure" : function(f) {

console.log("onFailure : errorMessage = " + f.errorMessage);

}

});