



PHP Protocol Description

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Version : 1.1

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# Introduction

The PHP-protocol is designed by Verdegro/QS-tech and developed by QS-tech. With this protocol we can control a player on a raspberry device by calling PHP-pages.

We can control the following groups :

* Users

For user management, security for the PHP protocol

* Player

For editing and getting information about the player

* Controller

For getting and setting values form the controller.

Tile

Module

Controller /processor

Raspberry

3-4G/Router

# 

We can connect directly to the Router (WIFI, cable) and communicate with the raspberry. Also we can communicate over the 3/4G network and control the raspberry. (Router is forwarding port 80).

With this setup we can communicate with the display with each device (computer, mobile, tablet) which is connected to the internet.

# Version history

## Version 1.1

(10-2014) Renamed much of the PHP files from version 1.0 to get some more structure. We left the old names intact for backwards compatibility

Added the following functions

**User**

* UserList

**Player**

* PlayerScreensettingSet
* PlayerRestart

**Controller**

* ControllerTemperatureGet
* ControllerModuleListGet
* ControllerModuleInfoGet
* ControllerVersioninfoGet

## Version 1.0

(03-2014)First release description for the following functions.

**User :**

* Login
* Create User
* Modify password
* Delete user

**Player**

* DeleteFile
* DownloadFile
* DownloadSetting
* GetFiles
* GetPlaylist
* Reboot
* SendPlayList
* Upload
* UploadSetting

**Controller**

* AutoBrightness
* BlindLightDetection
* GetBlindLIcht
* GetBrightness
* GetPowerState
* PowerState
* SetBrightness
* SetLockScreen

# PHP - Protocol

## General

We always have to get an authenticated session. We can do this with UserLogin.php. Every other php call has to look first if a session exists. If not always return the following XML.

<root>

     <OK>false</OK>

<data>No permission</data>

</root>

If no error occurred we get the following XML on every function.

<root>

     <OK>true</OK>

<data>[Data]</data>

</root>

The above xmls should be returned by every php call as an XML string (no file).

## Functions : Users

### UserLogin

|  |  |
| --- | --- |
| Description | This function starts a session for the provided username and password. Combination should be available in users.xml |
| PHP-file | UserLogin.php (1.1)  Login.php (1.0 keep both file names for backward compatibility) |
| Parameters | * username * password |
| Result OK | <root>       <OK>true</OK>  <data>Sesson started on [date/time]</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *Cannot read user.xml*   If user.xml cannot be found or read   * *Wrong credentials*   Any other error *(always return this error even though another error occurs)* |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | Make sure the /usr/user.xml file has the appropriate rights else an permission denied error may occur. Please make sure the permission denied error is handled correctly |

### UserCreate

|  |  |
| --- | --- |
| Description | Creates an user in the user.xml file (in /usr/user.xml) |
| PHP-file | UserCreate.php (1.1)  createUser.php (1.0 keep both file names for backward compatibility) |
| Parameters | * User * Password * apassword |
| Result OK | <root>       <OK>true</OK>  <data>User created</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Permission denied*   if user cannot be written into user.xml   * *Error creating user*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling |
| Remarks | Make sure the /usr/user.xml file has the appropriate rights else an permission denied error may occur. Please make sure the permission denied error is handled correctly |

### UserModifyPassword

|  |  |
| --- | --- |
| Description | Edits password from a user in the user.xml file (in /usr/user.xml) |
| PHP-file | UserModifyPassword (1.1)  ModifyPassword.php (1.0 keep both file names for backward compatibility) |
| Parameters | * user * pwd * newpwd |
| Result OK | <root>       <OK>true</OK>  <data>Password modified</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *Not permission*   no logged in, no session   * *Permission denied*   if password cannot be written into user.xml   * *Wrong credentials*   If user and pwd do not match, so we cannot change password.   * *Error changing password*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | Make sure the /usr/user.xml file has the appropriate rights else an permission denied error may occur. Please make sure the permission denied error is handled correctly |

### UserDelete

|  |  |
| --- | --- |
| Description | Deletes a user from the user.xml file (in /usr/user.xml) |
| PHP-file | UserDelete (1.1)  DeleteUser.php (1.0 keep both file names for backward compatibility) |
| Parameters | * user |
| Result OK | <root>       <OK>true</OK>  <data>User deleted</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Permission denied*   if no access to user.xml   * *Error deleting user*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | Make sure the /usr/user.xml file has the appropriate rights else an permission denied error may occur. Please make sure the permission denied error is handled correctly |

### UserList

|  |  |
| --- | --- |
| Description | Gets a list of usernames from the user.xml file (in /usr/user.xml) |
| PHP-file | UserList.php |
| Parameters | - |
| Result OK | <root>  <OK>true</OK>  <data>  <users>  <user>xxx</user>  <user>yyy</user>  <user>...</user>  </users>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Permission denied*   if no acces to user.xml   * *Error getting userlist*   Any other error |
| Version | 1.1 Introduced |
| Remarks | Make sure the /usr/user.xml file has the appropriate rights else an permission denied error may occur. Please make sure the permission denied error is handled correctly |

## Functions : Player

### PlayerFilesGet

|  |  |
| --- | --- |
| Description | Deletes a user from the user.xml file (in /usr/user.xml) |
| PHP-file | PlayerFilesGet.php (1.1)  GetFiles.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>  <OK>true</OK>  <data>  <files>  <file>1.jpg</file>  <file>2.jpg</file>  <file>3.jpg</file>  <file>4.jpg</file>        </files>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error getting files*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerPlaylistGet

|  |  |
| --- | --- |
| Description | Gets the playlist.xml out of the Publish Folder. These files are currently being played by the player |
| PHP-file | PlayerPlaylistGet.php (1.1)  GetPlaylist.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>  <OK>true</OK>  <data>  <root>  <item fileName="5.jpg" duration="5"/>  <item fileName="6.jpg" duration="5"/>  </root>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error getting files*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerPlaylistSet

|  |  |
| --- | --- |
| Description | Sending new show to player. Before using this function please make sure all files refered to are in de Media Folder by using PlayerFileupload.php.  After this these files are beïng copied to the Publishfolder and also the posted xml is saved as PlayList.xml. |
| PHP-file | PlayerPlaylistSet.php (1.1)  SendPlaylist.php (1.0 keep both file names for backward compatibility) |
| Parameters | * Value   <root>  <item fileName="1.jpg" duration="5"/>  <item fileName="2.jpg" duration="5"/>  </root> |
| Result OK | <root>  <OK>true</OK>  <data>Playlist send and activated</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *File to Publish not found in Media folder*   Error occurs when we try to publish a file which is not been uploaded to the Media folder yet   * *Error setting playlist*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | First use PlayerFileupload.php to upload files in the media folder. After uploading all files you can call the PlayerPlaylistSet.php all files mentioned in the send playlist will be moved from the Media folder to het Publish folder. |

### PlayerFileDelete

|  |  |
| --- | --- |
| Description | Deletes a file form de Media Folder. Files in this folder can be published by calling the PlayerPlaylistSet.php |
| PHP-file | PlayerFileDelete.php (1.1)  Deletefile.php (1.0 keep both file names for backward compatibility) |
| Parameters | * filename   Name off file to remove (Get files in media folder by calling PlayerFilesGet.php |
| Result OK | <root>  <OK>true</OK>  <data>File deleted</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *File not found*   When you try to delete a file which is not found in the media folder.   * *Error getting files*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerFileGet

|  |  |
| --- | --- |
| Description | Deletes a file form de Media Folder. Files in this folder can be published by calling the PlayerPlaylistSet.php |
| PHP-file | PlayerFileGet.php (1.1)  Downloadfile.php (1.0 keep both file names for backward compatibility) |
| Parameters | * name   Name off file to get (Get files in media folder by calling PlayerFilesGet.php |
| Result OK | <root>  <OK>true</OK>  <data><!Cdata[“Base64string of image”]></data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *File not found*   When you try to get a file which is not found in the media folder.   * *Error getting files*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerFileSet

|  |  |
| --- | --- |
| Description | Uploads a file to the media folder. After uploading this file is ready to be published (PlayerPlaylistSet.php) |
| PHP-file | PlayerFileSet.php (1.1)  Upload.php (1.0 keep both file names for backward compatibility) |
| Parameters | * name   Filename to store image   * content   Base64 string containing binary data of the image |
| Result OK | <root>  <OK>true</OK>  <data>Image saved</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error getting files*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerSettingSet

|  |  |
| --- | --- |
| Description | Writes the posted data into Verdegro.xml |
| PHP-file | PlayerSettingSet.php (1.1)  UploadSetting.php (1.0 keep both file names for backward compatibility) |
| Parameters | * value   Text to store in Verdegro.xml. We will be sending an xml string. |
| Result OK | <root>  <OK>true</OK>  <data>Playersettings Saved</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error saving settings*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerSettingGet

|  |  |
| --- | --- |
| Description | Writes the posted data into Verdegro.xml |
| PHP-file | PlayerSettingGet.php (1.1)  DownloadSetting.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>  <OK>true</OK>  <data><!Cdata[“data from Verdegro.xml”]></data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error getting settings*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| Remarks | - |

### PlayerScreensettingSet

|  |  |
| --- | --- |
| Description | Now we had to manipulate the config.xml for every screen by hand. With this function we can set the screen dimensions |
| PHP-file | PlayerScreensettingGet.php (1.1) |
| Parameters | * X (x offset) * Y (y offset) * H (height of the screen) * W (width of the screen) |
| Result OK | <root>  <OK>true</OK>  <data>Screen settings saved</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error writing to config.xml*   Error occurs if unable to write to config.xml (for example permissions)   * *Error getting settings*   Any other error |
| Version | 1.1 Introduced |
| Remarks | We will not be editing the parameter portName also saved in config.XML |

### PlayerRestart

|  |  |
| --- | --- |
| Description | After changing dimensions of the player in config.xml we need to restart the player software. (Not the whole raspberry) |
| PHP-file | PlayerRestart.php (1.1) |
| Parameters | - |
| Result OK | <root>  <OK>true</OK>  <data>Player is restarting</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error getting settings*   Any other error |
| Version | 1.1 Introduced |
| Remarks | - |

### PlayerReboot

|  |  |
| --- | --- |
| Description | Reboot/shutdown the Raspberry. |
| PHP-file | PlayerReboot.php (1.1)  reboot.php (1.0 keep both file names for backward compatibility) |
| Parameters | * shutdown   0 = reboot, 1 = shutdown. When no parameters is passed reboot. |
| Result OK | <root>  <OK>true</OK>  <data>Raspberry will reboot</data>  </root>  Or  <root>  <OK>true</OK>  <data>Raspberry will shutdown</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Error rebooting/restarting raspberry*   Any other error |
| Version | 1.0 Introduced  1.1 changes, renamed |
| Remarks | Test if functions are working. |

## Functions : Controller

### ControllerBrightnessModeSet

|  |  |
| --- | --- |
| Description | Sets the mode of the brightness sensor |
| PHP-file | ControllerBrightnessModeSet.php (1.1)  AutoBrightness.php (1.0 keep both file names for backward compatibility) |
| Parameters | * mode   Two possible values AUTO / MANUAL |
| Result OK | <root>       <OK>true</OK>  <data>Set Brightness to AUTO</data>  </root>  Or  <root>       <OK>true</OK>  <data>Set Brightness to MANUAL</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error setting Brightnessmode*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Brightness screen |
| Remarks | - |

### ControllerBrightnessSet

|  |  |
| --- | --- |
| Description | Sets the brightness value (only if mode is Manual) |
| PHP-file | ControllerBrightnessSet.php (1.1)  SetBrightness.php (1.0 keep both file names for backward compatibility) |
| Parameters | * value   Value between 0 – 255 where 255 is full brightness |
| Result OK | <root>       <OK>true</OK>  <data>Brightness Set</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Brightnessmode not in Manual*   If brightnessmode is not manual, no need to set brightness value   * *Error setting Brightnessmode*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Brightness screen |
| Remarks | - |

### ControllerBrightnessGet

|  |  |
| --- | --- |
| Description | Gets the brightness mode and value |
| PHP-file | ControllerBrightnessGet.php (1.1)  GetBrightness.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>  <type>[auto/manual]</type>  <value>[brightness value]</value>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Brightness screen |
| Remarks | - |

### ControllerPowerstateSet

|  |  |
| --- | --- |
| Description | Sets the powerstate of the controller |
| PHP-file | ControllerPowerstateSet.php (1.1)  Powerstate.php (1.0 keep both file names for backward compatibility) |
| Parameters | * state   0= off 1 = on |
| Result OK | <root>       <OK>true</OK>  <data>Set powerstate to OFF</data>  </root>  Or  <root>       <OK>true</OK>  <data>Set powerstate to ON</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Main screen |
| Remarks | - |

### ControllerPowerstateGet

|  |  |
| --- | --- |
| Description | Gets the powerstate of the controller |
| PHP-file | ControllerPowerstateGet.php (1.1)  GetPowerstate.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | When Off  <root>       <OK>true</OK>  <data>0</data>  </root>  When On  <root>       <OK>true</OK>  <data>1</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Main screen |
| Remarks | - |

### ControllerLockscreenSet

|  |  |
| --- | --- |
| Description | Freezing the current image on the screen. Not watching DVI input anymore |
| PHP-file | ControllerLockscreenSet.php (1.1)  SetLockscreen.php (1.0 keep both file names for backward compatibility) |
| Parameters | * value   0= off 1 = on |
| Result OK | <root>       <OK>true</OK>  <data>Set freeze to OFF</data>  </root>  Or  <root>       <OK>true</OK>  <data>Set freeze to ON</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Main screen - Freeze |
| Remarks | - |

### ControllerLockscreenGet

|  |  |
| --- | --- |
| Description | Gets the status of freeze of the controller |
| PHP-file | ControllerLockscreenGet.php (1.1) |
| Parameters | - |
| Result OK | When Off  <root>       <OK>true</OK>  <data>0</data>  </root>  When On  <root>       <OK>true</OK>  <data>1</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.1 Introduced |
| UNI Master | Main screen - Freeze |
| Remarks | - |

### ControllerBlindlightSet

|  |  |
| --- | --- |
| Description | Activates the blindlight detection. If successful the results are written in the file Blinklight.xml and can be retrieved with the function ControllerBlindlightGet.php. |
| PHP-file | ControllerBlindlightSet.php (1.1)  BlindlightDetection.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>Blindlight detection successful.</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Main -> Tab Screen -> Tab Status |
| Remarks | This function is screen size depended as saved in the config.xml. All defect pixels in this screen size should be detected. If this means to call several modules this is done in one call (within this function). Not connected rows of tiles should not be producing blind light errors If they are not in the area off the screen size. This is why we don’t have any input parameters. |

### ControllerBlindlightGet

|  |  |
| --- | --- |
| Description | Get the results of the Blindlight detection. Which are stored in blindlight.xml. This function returns the contents of this file as an xml-string. It contains the information of the entire screen, not just one module. |
| PHP-file | ControllerBlindlightGet.php (1.1)  GetBlindlight.php (1.0 keep both file names for backward compatibility) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>  <root>  <pixel color=”green”>  <x>28</x>  <y>7</y>  </pixel>  <pixel color=”red”>  <x>30</x>  <y>1</y>  </pixel>  </root>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.0 Introduced  1.1 Better error handling, renamed |
| UNI Master | Main -> Tab Screen -> Tab Status |
| Remarks | Result only contains the defect pixels |

### ControllerTemperatureGet

|  |  |
| --- | --- |
| Description | Gets the Temperature of the controller |
| PHP-file | ControllerTemperatureGet.php (1.1) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>[temp in Celsius]</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.1 Introduced |
| UNI Master | Main screen – In statusbar  C:\Users\Bram\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\RD1LFX32\unimaster3.JPG |
| Remarks | - |

### ControllerModuleListGet

|  |  |
| --- | --- |
| Description | Gets the number off connected modules.  We need to know this for the function ControllerModuleInfoGet.php |
| PHP-file | ControllerModuleListGet.php (1.1) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>[number of modules connected]</data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.1 Introduced |
| UNI Master | Main -> Tab Screen -> Tab Status |
| Remarks | - |

### ControllerModuleInfoGet

|  |  |
| --- | --- |
| Description | Gets the info of a module. Like voltage and temperature |
| PHP-file | ControllerModuleInfoGet.php (1.1) |
| Parameters | * Module   Get information of specified module. Got number of modules form the function ControllerModuleListGet.php |
| Result OK | <root>       <OK>true</OK>  <data>  <volt>[voltage of module]</volt>  <temp>[Temp of module in Celsius</temp>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.1 Introduced |
| UNI Master | Main -> Tab Screen -> Tab Status  C:\Users\Bram\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\RD1LFX32\unimaster1.JPG |
| Remarks | - |

### ControllerVersioninfoGet

|  |  |
| --- | --- |
| Description | Gets all the version information about the different connected devices.  If a device is not connected |
| PHP-file | ControllerVersioninfoGet.php (1.1) |
| Parameters | - |
| Result OK | <root>       <OK>true</OK>  <data>  <processor>  <pcb>15</pcb>  <program>44</program>  <fpga>2-1-2014:E8 09</fpga>  </processor>  <processor>  <pcb>15</pcb>  <program>44</program>  <fpga>2-2-2014:0A 35</fpga>  </processor>  <brightness>  <pcb>30</pcb>  <program>44</program>  </brightness>  <system>  <system\_version>60</system\_version>  <config\_verion>59</config\_version>  </system>  <productid>mTpWm...6608</productid>  </data>  </root> |
| Result ERROR | <root>       <OK>false</OK>  <data>error message</data>  </root>  Data can contain the following errors :   * *No permission*   not logged in, no session   * *Controller not connected*   If player cannot communicate with controller   * *Error Getting Brightness*   Any other error |
| Version | 1.1 Introduced |
| UNI Master | Main -> About  C:\Users\Bram\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\RD1LFX32\unimaster2.JPG |
| Remarks | - |