

Generated Documentation



Class PHPSonos

[line 106]

PHPSonos Class

PHPSonos Class originally released as: Sonos PHP Script - Copyright: Michael Maroszek
- Version: 1.0, 09.07.2009

Wiki: [PHPSonos IPS-WIKI](#)

Die PHPSonos Klasse wurde von Paresy zuerst im Thread Einzelne Sonos Player ansteuern veröffentlicht und später in einer aktualisierten Fassung im Thread PHP Sonos (Klasse zum Ansteuern einzelner Player) als Klasse zur Verfügung gestellt.

Verschiedene IPS Benutzer haben die Klasse inzwischen erweitert oder im zuletzt genannten Thread Hinweise zum Handling ausgetauscht.

Paresy released his first version of PHPsonos in this forum thread Einzelne Sonos Player ansteuern. He later build a class and rereleased his routines in this thread: PHP Sonos (Klasse zum Ansteuern einzelner Player).

There is a growing community of sonos enthusiasts supporting and developing PHPSONOS - we share knowledge and developements in this thread PHP Sonos (Klasse zum Ansteuern einzelner Player)

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Changelog:

- andre added setter functions
- 110108 - br added comments based on UPNP information from devicespy; also added the function XMLsendPacket to get non filtered answers
- 110120 - br added Set and GetLEDState
- 110202 - br added GetZoneAttributes
- 110202 - br added GetZoneInfo
- 110203 - br added gestposinfo TrackURI (contains x-rincon of the zone master if we are slave)
- 110206 - br added AddMember(Rincon...) and RemoveMember(Rincon...)
- 110207 - br added RamptoVolume
- 110208 - br added calculation of Content-Length to some functions
- 110318 - br fiddled with Playmode (maybe fixed a bug)
- 110318 - br added Get and Set CrossfadeMode
- 110318 - br added SaveQueue
- 110328 - ta lun added GetPlaylist(\$value)
- 110328 - ta lun added GetImportedPlaylists()
- 110328 - ta lun added GetSonosPlaylists()
- 110328 - ta lun added GetCurrentPlaylist()
- 110328 - br corrected titel to title and other things...
- 110328 - br added optional parameter id to SaveQueue
- 110406 - br edited Seek to accept UPNP Unit parameter as option (sec. arg is Target then)
- 110406 - br edited GetPositionInfo to also reflect UPNP return value names
- 110406 - br fixed non valid soap request in seek()
- 110406 - br added return of CurrentURI and CurrentUriMetaData to Get (Current File or QUEUE)
- 110407 - br consolidated SetRadio, SetQueue and SetAVTransportURI
- 110529 - br GetMediaInfo now returns Radio station in the array, key is title
- 110529 - ta lun added browse functions
- 110529 - iamking added GetAlarmTime()
- 110529 - ta lun fixed misc bugs and GetAlarmTime() now returns an array
- 110530 - br edited Browse() to reflect upnp possibilities
- 110601 - br renamed GetAlarmtime to ListAlarms to reflect upnp Names
- 110601 - iamking improved ListAlarms - added ProgramURI, ProgramMetaData, PlayMode, Volume, IncludeLinkedZones
- 110614 - br added parameters to Browse / <http://www.ip-symcon.de/forum/f53/php-sonos-klasse-ansteuern-einzeln-player-7676/index10.html#post120977>
- 110627 - talun edited GetSonosPlaylists: urlencode file
- 110711 - br fixed Problems in SetAVTransportUri
- 110821 - br/talun edited Browse to return duration
- 110821 - br added GetAudioInputAttributes
- 110828 - br added Radiotime Radio Cover for GetPositionInfo (patching in Raditiome Cover URI)
- 110901 - br shifted Radiotime Functions from getpositioninfo to new Function RadiotimeGetNowPlaying (returns array)
- 110905 - br fixed Bug in getpositioninfo for getting the actual Track in a playlist (quickfix)
- 110907 - br deleted, added and edited comment lines
- 110908 - br added phpdoc tags for documentation

- 110909 - br found send off commented out in RemoveMember and reenabled the sending now (TEST?!)
- 110911 - br added phpdoc tags for documentation
- 110915 - br added PhpSonos API key/ partnerid for Intune (usable for ANYONE who uses the PHPSonos class noncommercial or commercial) - thanks to Ben@tunein for advocacy and great support!

Drop me a note if you are a PHPSonos developer and need access to documentation of tunein APIs.

- 110916 - br added GetCurrentTransportActions() which returns the currently valid actions (nearly always returns all actions "Play, Stop, Pause, Seek, Next, Previous" for me)...
- 110916 - br added Get and SetInvisible to make it possible to change visibility for party mode or other things (kids should not see their player in the night *g)
- 110916 - br improved phpdoc tags

Links:

<http://travelmarx.blogspot.com/2010/06/exploring-sonos-via-upnp.html>
<http://travelmarx.blogspot.com/2011/01/extracting-sonos-playlist-simple-sonos.html>
<http://opentools.homeip.net/dev-tools-for-upnp>
<http://www.ip-symcon.de/forum/f53/php-sonos-klasse-ansteuern-einzeln-player-7676/>
<http://your.sonos.i.p:1400/status>
<http://your.sonos.i.p:1400/support/review>
http://play.er.i.p:1400/xml/zone_player.xml

- **Package** PHPSonos
- **Author** Michael Maroszek < office@ip-symcon.de > and many others
- **Version** see date of edit
- **Copyright** original 1.0 version Michael Maroszek; later additions if not otherwise stated are released to public domain

Constructor *void* function PHPSonos::__construct(\$address) [*line 108*]

Function Parameters:

- **\$address**
- **Access** public

Array function PHPSonos::AddMember(\$MemberID) [line 608]

Function Parameters:

- *string* **\$MemberID** LocalUUID/ Rincon of Player to add

Adds a Member to a existing ZoneGroup (a single player is also considered a existing group)

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:GroupManagement
- **Returns:** array with CurrentTransportsettings and GroupUUIDJoined as keys

- **Link** [Wiki](#)
- **Access** public

String function PHPSonos::AddToQueue(\$file) [line 1698]

Function Parameters:

- *string* **\$file** Uri or Filename

Adds URI to Queue (not the Playlist!!)

- **NOTE:** Works on queue
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Sendpacket returns

- **Access** public

Array function PHPSonos::Browse(\$value, [\$meta = "BrowseDirectChildren"], [\$filter = ""], [\$sindex = "0"], [\$rcount = "1000"], [\$sc = ""]) [*line 2039*]

Function Parameters:

- *string* **\$value** ObjectID
- *string* **\$meta** BrowseFlag
- *string* **\$filter** Filter
- *string* **\$sindex** SearchIndex
- *string* **\$rcount** ResultCount
- *string* **\$sc** SortCriteria

Universal function to browse ContentDirectory

- **NOTE:** please use upnp and sonos documentation to get an idea of the return
- **Device:** urn:schemas-upnp-org:device:MediaServer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:ContentDirectory
- **Returns:** Array with Metadata; please use upnp and sonos documentation to get an idea of the return

- **Access** public

String function PHPSonos::ClearQueue() [*line 1669*]

Clears devices Queue

- **NOTE:** This function clears the actual playing queue but not the actually selected playlist
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1

- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Sendpacket returns

- **Access** public

Array function PHPSonos::GetAudioInputAttributes() [*line 254*]

Get information of devices inputs

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:AudioIn
- **Returns:** Array
- **NOTE:** fill in

- **Link** [Forum-Post](#)
- **Access** public

Boolean function PHPSonos::GetCrossfadeMode() [*line 816*]

Get info on actual crossfademode

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Boolean

- **Access** public

String function PHPSonos::GetCurrentPlaylist() [*line 1790*]

Returns an array with the songs of the actual sonos queue

- **NOTE:** Wrapper for Browse
- **Device:** urn:schemas-upnp-org:device:MediaServer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:ContentDirectory
- **Returns:** (String) Playlist ID

- **Access** public

String function PHPSonos::GetCurrentTransportActions() [*line 1274*]

Gets transport settings for a renderer

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String (comma sep.) with available actions
- **NOTE:**

- **Access** public

Array function PHPSonos::GetImportedPlaylists() [*line 1909*]

Returns an array with all imported PL

- **NOTE:** Wrapper for Browse
- **Device:** urn:schemas-upnp-org:device:MediaServer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:ContentDirectory

- **Returns:** Array with all imported PL (Share, MediaPlayer, itunes....)

- **Access** public

Boolean function PHPSonos::GetInvisible() [*line 572*]

Gets ZP invisible information

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties
- **Returns:** True or False for invisible status
- **NOTE:** If you miss a Zoneplayer try this!!

- **Link** [Wiki](#)
- **Access** public

Boolean function PHPSonos::GetLEDState() [*line 506*]

Gets the state of the white LED

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties

- **Link** [Wiki](#)
- **Access** public

Array function PHPSonos::GetMediaInfo() [line 1350]

Gets Media Info

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:**

```
1      Array      (  
2          [CurrentURI] =>  
http://192.168.0.2:10243/WMPNSSv4/1458092455/0_ezg1ODYxQzMwLTExNzgtNDc0Ri05MkQ0LTQxNzE1MDQ0MjMyMX0uMC40.mp3  
3          [CurrentURIMetaData] => <      DIDL-Lite xmlns:dc="http://purl.org/dc/elements/1.1/"  
xmlns:upnp="urn:schemas-upnp-org:metadata-1-0/upnp/"      xmlns="urn:schemas-upnp-  
org:metadata-1-0/DIDL-Lite/"      > <      item id="{85861C30-1278-474F-92D4-  
417150442321}.0.4"      restricted="0"      parentID="4"      >  
<      dc:title>      Car Crazy Cutie</      dc:title>      <      dc:creator>      Beach  
Boys</      dc:creator>      <      res size="2753092"      duration="0:02:50.000"  
bitrate="16000"      protocolInfo="http-  
get:*:audio/mpeg:DLNA.ORG_OP=01;DLNA.ORG_FLAGS=01500000000000000000000000000000"  
sampleFrequency="44100"      bitsPerSample="16"      nrAudioChannels="2"  
microsoft:codec="{00000055-0000-0010-8000-00AA00389B71}"      xmlns:microsoft="urn:schemas-  
microsoft-com:WMPNSS-1-  
0/"      >      http://192.168.0.2:10243/WMPNSSv4/1458092455/0_ezg1ODYxQzMwLTExNzgtNDc0Ri05MkQ0LTQxNzE1MDQ0MjMyMX0uMC40.mp3</res>      <res duration="0:02:50.000"  
bitrate="16000"      protocolInfo="http-  
get:*:audio/mpeg:DLNA.ORG_PN=MP3;DLNA.ORG_OP=10;DLNA.ORG_CI=1;DLNA.ORG_FLAGS=01500000000000000000000000000000"      sampleFrequency="44100"      nrAudioChannels="1"      microso  
4          [title] =>      Car Crazy Cutie      )
```

- **NOTE:** SOAP returns CurrentURIMetaData this has to be parsed

- **Access public**

string function PHPSonos::GetMute() [line 1160]

Gets mute/ unmute status for a player

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; sendpacket Return

- **Access public**

Array function PHPSonos::GetPlaylist(\$value) [line 1966]

Function Parameters:

- *string* **\$value** Id of the playlist

Returns an array with all songs of a specific Playlist

- **NOTE:** Wrapper for Browse
- **Device:** urn:schemas-upnp-org:device:MediaServer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:ContentDirectory
- **Returns:** Array with MetaData on the songs

- **Access** public

Array function PHPSonos::GetPositionInfo() [line 1436]

Gets position info

- **NOTE:** this is one of the most interesting and complex functions with most interesting informations! You may get radio and zonegroup info out of parsing this information!
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Example:

```
1      Array
2      (
3          [position] =>      0:00:59
4          [RelTime] =>      0:00:59
5          [duration] =>     0:01:51
6          [TrackDuration] => 0:01:51
7          [URI] =>
8      http://zzz.yyy.0.x:10243/WMPNSSv4/1458092455/0_ezRENTU5NjFDLUE3MDctNDIwRC04NTc04LUFdODGxQTVFMzMxQX0uMC40.mp3
9          [TrackURI] =>
10     http://192.168.0.x:10243/WMPNSSv4/1458092455/0_ezRENTU5NjFDLUE3MDctNDIwRC04NTc04LUFdODGxQTVFMzMxQX0uMC40.mp3
11     [artist] =>      Beach Bxxx...
12     [title] =>      Cher... What?
13     [album] =>      Little Deuce...
14     [albumArtURI] =>
```

```

http://zzz.168.y.xxx:1400/getaa?u=http://zzz.168.y.xxx:10243/WMPNSSv4/1458092455/0_ezRENTU5NjFDLUE3MDc
tNDIwRC04NTc4LUFDODg3QTVFMzMxQX0uMC40.mp3&v=279
13     [albumArtist] =>    Beach xxx....
14     [albumTrackNumber] =>    5
15     [streamContent] =>
16     [trackURI] =>
17     [Track] =>    1
18 )

```

- **Access** public

Array function PHPSonos::GetSonosPlaylists() [line 1856]

Returns an array with all sonos playlists

- **NOTE:** Wrapper for Browse
- **Device:** urn:schemas-upnp-org:device:MediaServer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:ContentDirectory
- **Returns:** Array with all Sonos PI

- **Access** public

Array function PHPSonos::GetTransportInfo() [line 1307]

Gets transport settings for a renderer

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Array with "repeat" and "shuffle" as keys and true/false as value
- **NOTE:** SOAP return sometimes is PLAYING; I don't know what this means, maybe only Radio (see the code below).

- **Access** public

Array function PHPSonos::GetTransportSettings() [line 1214]

Gets transport settings for a renderer

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Array with "repeat" and "shuffle" as keys and true/false as value
- **NOTE:** SOAP return sometimes is PLAYING; I don't know what this means, maybe only Radio (see the code below).

- **Access** public

String function PHPSonos::GetVolume() [line 1104]

Gets current volume information from player

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; sendpacket Return

- **Access** public

Array function PHPSonos::GetZoneAttributes() [line 321]

Reads Zone Attributes

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1

- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties
- **Returns:** Example:

```

1      Array
2      (
3          [CurrentZoneName] =>      Kxz Boxyz
4          [CurrentIcon] =>          x-rincon-roomicon:office
5      )

```

- **Link** [Wiki](#)
- **Access** public

Array function PHPSonos::GetZoneInfo() [line 387]

Reads Zone Information

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties
- **Returns:** Example:

```

1      Array
2      (
3          [SerialNumber] =>      00-zz-58-32-yy-xx:5
4          [SoftwareVersion] =>    15.4-442xx
5          [DisplaySoftwareVersion] => 3.5.x
6          [HardwareVersion] =>    1.16.3.z-y
7          [IPAddress] =>          yy.y.168.z.xxx
8          [MACAddress] =>          00:zz:58:32:yy:xx
9          [CopyrightInfo] =>      © 2004-2007 Sonos, Inc. All Rights Reserved.
10         [ExtraInfo] =>          OTP: 1.1.x(1-yy-3-0.x)
11     )

```

- **Link** [Wiki](#)
- **Access** public

Array function PHPSonos::ListAlarms() [line 137]

Returns a list of alarms from sonos device

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:AlarmClock

- **Link** [Forum-Post](#)
- **Access** public

Void function PHPSonos::Next() *[line 958]*

NEXT

- **NOTE:** Please look at the Soap Method GetCurrentTransportActions (which returns valid actions)
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should be sendpacket contents

- **Access** public

Void function PHPSonos::Pause() *[line 906]*

PAUSE pauses playback

- **NOTE:** It is NOT always possible to send a PAUSE command (so you may get an error!!
Please look at the Soap Method GetCurrentTransportActions (which returns valid actions)
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should be sendpacket contents

- **Access** public

Void function PHPSonos::Play() [*line 932*]

PLAY plays or continues playback

- **NOTE:** It is sometimes necessary to send a play after messing with zonegroups and/or starting a new play on a new uri
Please look at the Soap Method GetCurrentTransportActions (which returns valid actions)
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should be sendpacket contents

- **Access** public

Void function PHPSonos::Previous() [*line 984*]

PREVIOUS

- **NOTE:** Please look at the Soap Method GetCurrentTransportActions (which returns valid actions)
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should be sendpacket contents

- **Access** public

Array function PHPSonos::RadiotimeGetNowPlaying() [*line 2164*]

- NOTE: it's maybe better to use SOAP to get this information

- **Device:** -
- **WSDL:** -
- **Service:** -
- **Returns:** Array with Status, Version info and Logos

- **Access** public

Void function PHPSonos::RampToVolume(\$ramp_type, \$volume) [line 722]

Function Parameters:

- *string* **\$ramp_type** Ramp_type
Ramps Volume to \$volume using the Method mentioned in \$ramp_type as string:
"SLEEP_TIMER_RAMP_TYPE" - mutes and ups Volume per default within 17 seconds to desiredVolume
"ALARM_RAMP_TYPE" -Switches audio off and slowly goes to volume
"AUTOPLAY_RAMP_TYPE" - very fast and smooth; Implemented from Sonos for the autoplay feature.
- *string* **\$volume** DesiredVolume

Ramps Volume to \$volume using \$ramp_type ; different algorithms are possible

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:upnp-org:serviceId:RenderingControl
- **Returns:** Function Should return Rampseconds but this is NOT implemented!

- **Link** [Wiki](#)
- **Access** public

string function PHPSonos::RemoveFromQueue(\$track) [*line 1727*]

Function Parameters:

- *string* **\$track** Tracknumber/id to remove from current sonos queue (!)

Removes track from queue (not the Playlist!!)

- **NOTE:** Works on queue
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Sendpacket returns

- **Access** public

String function PHPSonos::RemoveMember(\$MemberID) [*line 663*]

Function Parameters:

- *string* **\$MemberID** LocalUUID/ Rincon of Player to remove

Removes a Member from an existing ZoneGroup (a single player is also considered an existing group and the action will result in muting the player)

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:GroupManagement
- **Returns:** for now the sendPacketAnswer

- **Link** [Wiki](#)
- **Access** public

String function PHPSonos::Rewind() [line 1051]

REWIND

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; should be sendpacket Return
- **SOAP** this Functions calls seek REL_TIME with target set to 00:00:00
There is a also a function called previous.

- **Access** public

string function PHPSonos::SaveQueue(\$title, [\$id = ""]) [line 785]

Function Parameters:

- *string* **\$title** Title of Playlist
- *string* **\$id** Playlists ID (optional)

Save current queue off to sonos

- **NOTE:** If you don't set the id to the playlist's id you want to edit, you'll get duplicate playlists with the same name \$title!!
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Sendpacket contents

- **Link** [Wiki](#)
- **Access** public

String function PHPSonos::Seek(\$arg1, [\$arg2 = "NONE"]) [line 1013]

Function Parameters:

- *string* **\$arg1** Unit ("TRACK_NR" || "REL_TIME" || "SECTION")
- *string* **\$arg2** Target (if this Arg is not set Arg1 is considered to be "REL_TIME" and the real arg1 value is set as arg2 value)

SEEK

- **NOTE:** Please look at the Soap Method GetCurrentTransportActions (which returns valid actions)
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; should be sendpacket contents as array

- **Access** public

String function PHPSonos::SetAVTransportURI(\$tspuri, [\$MetaData = ""]) [line 1620]

Function Parameters:

- *string* **\$tspuri** Transport URI
- *string* **\$MetaData** (optional for MetaData)

Sets Av Transport URI

- **NOTE:** Main SOAP method to set play URI - this is SetAVTTTransportURI
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** sendpacket return

- **Access** public

Void function PHPSonos::SetCrossfadeMode(\$mode) [line 848]

Function Parameters:

- *string* **\$mode** Enable/ Disable = 1/0 (string) = true /false (boolean)

Set crossfade to true or false

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should return sendpacket return

- **Link** [Wiki](#)
- **Access** public

Boolean function PHPSonos::SetInvisible(\$state) [line 538]

Function Parameters:

- *string* **\$state** integer true||false value or string True/ False

Sets ZP to visible or unvisable

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties
- **Returns:** True or False for invisible status

- **NOTE:** It is highly **NOT** recommended to try this function if you don't know what it will do. Don't cry if you miss a Zoneplayer!!

- Link [Wiki](#)
- Access public

Boolean function PHPSonos::SetLEDState(\$state) [line 473]

Function Parameters:

- *string* **\$state** true||false value or On / Off

Sets the state of the white LED

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:DeviceProperties

- Link [Wiki](#)
- Access public

String function PHPSonos::SetMute(\$mute) [line 1131]

Function Parameters:

- *string* **\$mute** Mute unmute as (boolean)true/false or (string)1/0

Sets mute/ unmute for a player

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1

- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; sendpacket Return

- **Access** public

String function PHPSonos::SetPlayMode(\$mode) [line 1188]

Function Parameters:

- *string* **\$mode** "NORMAL" || "REPEAT_ALL" || "SHUFFLE_NOREPEAT" || "SHUFFLE"

Sets Playmode for a renderer (could affect more than one zone!)

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; sendpacket Return

- **Access** public

Void function PHPSonos::SetQueue(\$queue, [\$MetaData = ""]) [line 1651]

Function Parameters:

- *string* **\$queue** transport URI or Queue
- *string* **\$MetaData** (optional for MetaData)

Sets Queue

- **NOTE:** This is only a Wrapper for setting a queue via SetAVTransportURI
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void

- **Access** public

array function PHPSonos::SetRadio(\$radio, [\$Name = "IP-Symcon Radio"]) [*line 1597*]

Function Parameters:

- **\$radio**
- **\$Name**

Play Radio station

- **NOTE:** This is only a SetAVTransportURI Wrapper
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Array with \$radio and \$ MetaData as key

- **Access** public

string function PHPSonos::SetTrack(\$track) [*line 1756*]

Function Parameters:

- *string* **\$track** Number/ID of the track to play in queue

Jumps directly to the track

- **NOTE:** I think I never used this method (br) ... ever used direkt seek call. So note this is only a wrapper!
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Sendpacket returns

- **Access** public

String function PHPSonos::SetVolume(\$volume) [*line 1079*]

Function Parameters:

- *string* **\$volume** Volume in percent

Sets volume for a player

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** String; sendpacket Return

- **Access** public

Void function PHPSonos::Stop() [*line 879*]

STOP Stops playback

- **NOTE:** It is sometimes necessary to send a stop after removing a zone from a group
- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1
- **Returns:** Void; should be sendpacket contents

- **Access** public

Void function PHPSonos::SubscribeMRAVTransport(\$callback) [line 756]

Function Parameters:

- *string* **\$callback** CallbackURL Well gat a HTTP Callback at this URI (SOAP)

TEST Function for MediaRenderAVT Callback and IPS Register Vars

- **Device:** urn:schemas-upnp-org:device:MediaRenderer:1
- **WSDL:** fill in
- **Service:** urn:schemas-upnp-org:service:AVTransport:1 none
- **Returns:** Sendpacket contents

Void function PHPSonos::UpdateAlarm(\$id, \$startzeit, \$duration, \$welchetage, \$an, \$roomid, \$programm, \$programmmeta, \$playmode, \$volume, \$linkedzone, \$programmmeta) [line 206]

Function Parameters:

- *string* **\$id** Id of the Alarm
- *string* **\$startzeit** StartLocalTime
- *string* **\$duration** Duration
- *string* **\$welchetage** Recurrence
- *string* **\$an** Enabled? (true/false)
- *string* **\$roomid** Room UUID
- *string* **\$programm** ProgramUri

- *string* **\$programmmeta** ProgramMetadata
- *string* **\$playmode** PlayMode
- *string* **\$volume** Volume
- *string* **\$linkedzone** IncludeLinkedZones
- **\$programmmeta**

Updates an existing alarm

- **Device:** urn:schemas-upnp-org:device:ZonePlayer:1
- **WSDL:** http://play.er.i.p:1400/xml/zone_player.xml
- **Service:** urn:upnp-org:serviceId:AlarmClock
- **Returns:** None
- **NOTE:** fill in

- **Link** [Forum-post](#)
- **Access** public

PHPSonos.inc.php

PHPSonos.inc.php

PHPSonos Class originally released as: Sonos PHP Script - Copyright: Michael Maroszek
- Version: 1.0, 09.07.2009

Wiki: [PHPSonos IPS-WIKI](#)

- **Package** PHPSonos-inc-php
- **Author** Michael Maroszek < office@ip-symcon.de > and many others
- **Version** see date of edit
- **Copyright** original 1.0 version Michael Maroszek; later additions if not otherwise stated are released to public domain

Appendix A - Class Trees

Package PHPSonos-inc-php

Package PHPSonos

PHPSonos

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| <i>NEXT</i> | |
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| | | |
|---|---|---|
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| | <i>Gets position info</i> | |
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| | <i>Returns an array with all sonos playlists</i> | |
| PHPSonos | | 0 |
| | <i>PHPSonos Class</i> | |