JSON API Examples - CONTENTPLAYER

The KODI software inside the ContentPlayer has an extensive command library which can be used with any control system capable of supporting JSON or JSON over HTTP.

As standard the ContentPlayer ships with the HTTP interface on port 8080, whereas direct JSON commands should be sent to port 9090.

JSON command examples sent using CURL over webserver port (8080)

Navigate Up

curl -pass -d '{"jsonrpc":"2.0","method":"Input.Up","id":"up"}' http://192.168.0.100:9090/jsonrpc

Display a message

curl -X POST -H "Content-Type: application/json" -d '{"jsonrpc":"2.0","method":"GUI.ShowNotification","params":{"title":"This is a test","message":"and this is the body"},"id":1}' http://192.168.0.100:8080/jsonrpc

Jump straight to movies

curl -X POST -H "Content-Type: application/json" -d '{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://1/2/"]},"id":"1"}' http://192.168.0.100:8080/jsonrpc

Set Volume

curl -X POST -H "Content-Type: application/json" -d '{"jsonrpc": "2.0", "method": "Application.SetVolume", "params": {"volume":10}, "id": 1}' http://192.168.0.100:8080/jsonrpc

Navigation

home	{"jsonrpc":"2.0","method":"Input.Home"}
up	{"jsonrpc":"2.0","method":"Input.Up"}
down	{"jsonrpc":"2.0","method":"Input.Down"}
left	{"jsonrpc":"2.0","method":"Input.Left"}
right	{"jsonrpc":"2.0","method":"Input.Right"}
select	{"jsonrpc":"2.0","method":"Input.Select"}
back	{"jsonrpc":"2.0","method":"Input.Back"}
OSD	{"jsonrpc":"2.0","method":"Input.ShowOSD"}
CODEC	{"jsonrpc":"2.0","method":"Input.ShowCodec"}

Video Library

scan library	{"jsonrpc":"2.0","method":"VideoLibrary.Scan"}
clean library	{"jsonrpc":"2.0","method":"VideoLibrary.Clean"}

Transport

Find Active Players	{"jsonrpc": "2.0", "method": "Player.GetActivePlayers", "id": 1} (and then use playerid in the following examples)
Play/Pause	{"jsonrpc": "2.0", "method": "Player.PlayPause", "params": { "playerid": 1 }, "id": 1}
Stop	{"jsonrpc": "2.0", "method": "Player.Stop", "params": { "playerid": 1 }, "id": 1}
Fast Forward	{"jsonrpc": "2.0", "id": 1, "method": "Player.SetSpeed", "params": {"playerid": 1, "speed": "increment"}}
Rewind	{"jsonrpc": "2.0", "id": 1, "method": "Player.SetSpeed", "params": {"playerid": 1, "speed": "decrement"}}
Skip Forward	{"jsonrpc":"2.0","method":"Player.GoTo","id":1,"params":{"playerid":1,"to":"next"}}
Skip Previous	{"jsonrpc":"2.0","method":"Player.GoTo","id":1,"params":{"playerid":1,"to":"previous"}}

Direct Navigation

Movies	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies"]},"id":"1"}
MovieGenres	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/genres/"]},"id":"1"}
MovieTitles	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/titles/"]},"id":"1"}
MovieYears	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/years/"]},"id":"1"}
MovieActors	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/genres/"]},"id":"1"}
MovieDirectors	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/directors/"]},"id":"1"}
MovieStudios	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/years/"]},"id":"1"}
MovieSets	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/sets/"]},"id":"1"}
MovieCountries	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/countries/"]},"id":"1"}
MovieTags	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://movies/tags/"]},"id":"1"}
RecentlyAdded Movies	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://recentlyaddedmovies/"]},"id":"1"}
TvShows	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/"]},"id":"1"}
TvShowGenres	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/genres/"]},"id":"1"}
TvShowTitles	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/titles/"]},"id":"1"}
TvShowYears	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/years/"]},"id":"1"}
TvShowActors	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/actors/"]},"id":"1"}
TvShowStudios	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://tvshows/studios/"]},"id":"1"}
RecentlyAdded Episodes	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["videodb://recentlyaddedepisodes/"]},"id":"1"}
Playlists	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["special://videoplaylists/"]},"id":"1"}
Files	{"jsonrpc":"2.0","method":"GUI.ActivateWindow","params":{"window":"video","parameters":["sources://video/"]},"id":"1"}

Other Functions	
Subtitle Off	{"jsonrpc":"2.0","id":1,"method":"Player.SetSubtitle","params":{"playerid":1,"subtitle":"off"}}
Subtitle On	{"jsonrpc":"2.0","id":1,"method":"Player.SetSubtitle","params":{"playerid":1,"subtitle":"on"}}
URL for Thumbnail	{"jsonrpc":"2.0","method":"Player.GetItem","params":{"properties":["thumbnail", "fanart"],"playerid":1},"id":"AudioGetItem"}
URLs for Thumbnail and Fanart	{"jsonrpc":"2.0","method":"Player.GetItem","params":{"properties":["thumbnail", "fanart"],"playerid":1},"id":"AudioGetItem"}
Get Plot	{"jsonrpc":"2.0","method":"Player.GetItem","params":{"properties":["plot"],"playerid":1},"id":"AudioGetItem"}

More information on the available API commands is at http://kodi.wiki/view/JSON-RPC_API/v6.