Sonos Group Controller Quick App

for Fibaro Home Center 3

Version 1.1 (February 2022)
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There are some Sonos Quick Apps already available for the Home Center 3, but none of them can group and ungroup Sonos speakers.

This Quick App that has little to no impact on your network because it doesn't use polling for status. It is made for use in Lua scenes or other Quick Apps and has a minimal GUI that can be refreshed manually.

Possibilities

From a Lua scene (or Quick App) you can:

- Start a Sonos Favorite at a specified volume.
- Set the volume of a Sonos speaker.
- Save the player state (like PLAY/STOP) and automatically pause.
- Get the previous player state and resume this state.
- Create or add a Sonos speaker to a group.
- Remove a Sonos speaker from a group.

My Sonos list notice

Sonos stores playlists, InTunes stations and albums in **My Sonos** in alphabetical order. You cannot adjust this. The first 4 items are shown, but you can play all favorites easily which I show you later on.

Usage in Lua scenes

With the following code examples I'll show you how you can use the *Sonos Group Controller* Quick App to fully automate your music expecience in your smarthome:

In all examples the variable qaId is the ID of your Quick App.

E.g. 1: Save Sonos player state when everybody left the house

```
fibaro.call(qaId, "savePlayStateAndPause")
```

Useful in presence detection automations where you want to save the state of your players and automatically pause all players when everybody left the house.This command saves the current player state (like PLAY/STOP) and pauses the player.

E.g. 2: Set the previous Sonos player state when the first person arrives at home

```
fibaro.call(qaId, "setPreviousPlayerState")
```

Useful in presence detection automations where you want to automatically set the previous state of your players when the first person arrives at home.This command retrieves the previous saved player state (like PLAY/STOP) and turns the speaker back on if it was playing music.

E.g. 3: Play a My Sonos favorite at a specific volume

```
fibaro.call(qaId, "playFavorite", "title", "15")
```

Easily play a favorite from the **My Sonos** list by using the **title** of the favorite. The **second parameter** is the **volume** at which you want to play this favorite. First the volume is set before the favorite is played, so that you are not surprised with a loud volume from a previous listening session.

E.g. 4: Add the Sonos player to a group (or create a new one)

```
local playerSource = "x-rincon:" .. fibaro.getValue(1001, "model")
fibaro.call(1002, "playFromUri", playerSource , "")
```

With this command you can add a player to a group (or create one). Use the playerUuid from the speaker that is currently playing the music (the group master).

In this example the livingroom speaker with an id of 1001 is playing and you want to create a group with the kitchen speaker (with an id of 1002). You first contruct the *Uri* with the id from the livingroom speaker and then add this *Uri* to the kitchen speaker. Now the Sonos System creates a group.

E.g. 5: Remove the Sonos player from a group

```
fibaro.call(qaId, "LeaveGroup")
```

When you send this command to a Sonos speaker it automatically leaves the group it is in.

Full documentation

You can read the full documentation of the Sonos Group Controller Quick App at: https://docs.joepverhaeg.nl/sonos-group-controller/