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| **Array with Adapter IDs - metaObjects**  **Bold** names are mandatory. |
| [1] – System variables, like language or ready |
| [2] – Script variables, all script variables have type “Point” |
| [x] – Adapter ID |
| [ ]Up to 4095 (0xFFF) |

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| **Name** | **Value** | **Description** |
| **adapterId** | x | Index in the  **Array with Adapter IDs** |
| **parent** | Id or null if top | Index in the Objects array |
| **name** |  |  |
| description | “Sonos play3” | Sonos devices |
| **type** | Device / Channel / Point | Device1 -> Channel1 -> Point1  -> Channel2 -> Point1  -> Point2  Device2 -> Channel1 -> Point1  Channel1->Point  Point  ~~Point->Channel->Device~~  ~~Point->Device~~  Only “points” can have values |
| isPersistent | true/false, default false | If “true” the value will be stored by shutdown and loaded after start. Only by “point” types. |
| isLogged | true/false, default true | If “true” the variable will be logged into the variables values log.  Only by “point” types. |
| specType | “PLAY:5” or “PLAY:3” | Adapter specific type of device or channel |
| pointType | String ?? | Variable type: 0- universal, 1- float, 2- integer, 3- string, 4- boolean, 5 – array, 6 - object |
| channelType | String |  |
| deviceType | string |  |
| *favorite* | Can array of strings or just array | Favorite or array of favorites |
| image | Device.img | Image name in www/img/devices/\_adaptername\_ |
| *location* | Can array of strings or just array | Name or Array of names |
| *role* | Can array of strings or just array | Role or array of roles |
| acl |  | ??? |
| address | Specific address | e.g ip address |
| \_native | …. | Variables used by this object |
| childern | Array with data points | From 0 to 1048575 (0xFFFFF). |

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| **Indexes** | |
| **Name** | **Description** |
| location |  |
| role |  |
| device |  |
| channel |  |
| point |  |
| favorite |  |

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| Settings, will be saved as json in one file | |
| Specific settings | Settings for Homander |
| adapters[1-xxx] | Array with settings for Adapter, where each element looks like   |  |  | | --- | --- | | Name | Value | | **name** | ccu | | **isUnique** | false | | Specific settings | Ip, and other settings | |

Array of adapters in settings.adapters

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| **Array with Adapter IDs**  **Bold** names are mandatory. |
| [1] – System variables, like language or ready |
| [2] – Script variables, all script variables have type “Point” |
| [x] – Adapter ID |
| [ ]Up to 4095 (0xFFF) |

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| --- | --- | --- |
| **Name** | **Value** | **Description** |
| **name** | “sonos” | Start file can be found under “adapter/sonos/sonos.js”  sonos-pnp.js – Auto-configuration, like plug and play. Some adapters can be in the list more than one time.  It is not allowed to have name started with number, like “4control”. |
| isUnique | Default true | If this adapter can be instantiated more than one time |
| multiData | Default false | If true, this adapter receives data points from all adapters, else just own data points.  E.g. scripts have multiData=true, ccu has multiData = false |
| type | ccu | Name can be ccu\_3 or ccu\_4, but type is always ccu |
| desiredId |  | Desired ID for this adapter |
| image | Image path in www | Will be shown in configuration. Width must be equal with height. |
| description | “Sonos adapter” | Sonos devices |
| location | “Living room” | All points of this adapter without defined location will be in “Living room” |
| role | “Media” | All points of this adapter without defined role will be “Media”. Function is reserved word in JS, so use role |
| Specific variables | …. | Variables used by adapter |
| settings |  |  |

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| **Array with Adapter IDs - *dataPoints***  **Bold** names are mandatory. |
| [1] – System variables, like language or ready |
| [2] – Script variables, all script variables have type “Point” |
| [x] – Adapter ID |
| [ ]Up to 4095 (0xFFF) |

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| --- | --- | --- |
| **Name** | **Value** | **Description** |
| **val** |  | Value |
| ack |  | Direction |
| ts |  | Timestamp |
| lc |  | Last change |
| type |  | Variable type: 0- universal, 1- float, 2- string, 3- number, 4- boolean, 5 - array |
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Device types description:

- Thermostat

- Dimmer,

- Switch,

- Media player,

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