
scripts/reset

Remove all plugin devices.

request:

no params

response:

empty result

Example

request:

```
{
  "method": "hub.extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/reset"
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/generate_devices

Generate subset of devices with specified devices count.

request:

Field	Type	Required	Description
<code>devices_count</code>	int	+	devices count to generate

device_type string - device type to generate(if not specified, all supported types will be generated consistently)

Supported device types

plug_interior

temperature_sensor

thermostat

motion_sensor

combo_sensor

plug_dimmable

door_lock

bulb_rgb

garage_door

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/generate_devices",
    "scriptParams": {
      "device_type": "bulb_rgb",
      "devices_count": 1
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/add_device

Manually add specific devices.

request:

Field format is described in `core.add_device` command.

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/add_device",
    "scriptParams": {
      "name": "TestSwitch",
      "category": "switch",
      "subcategory": "interior_plugin",
      "type": "switch.outlet",
    }
  }
}
```

```
        "device_type_id": "test",
        "battery_powered": false
    }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/modify_device

Manually modify some device fields

request:

Field	Type	Required	Description
device_id	string	+	device ID to modify
device	table	+	The format of the table is described in core.modify_device command.

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/modify_device",
    "scriptParams": {
      "device_id": "5f16acb446aaf03ea2095e03",
      "device": {
        "name": "TestSwitchNew",
        "category": "switch",

```

```
        "subcategory": "interior_plugin",
        "type": "switch.outlet",
        "device_type_id": "test",
        "battery_powered": false
    }
}
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/add_item

Manually add specific items.

request:

Field format is described in core.add_item command.

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/add_item",
    "scriptParams": {
      "name": "switch",
      "value_type": "bool",
      "value": false,
      "has_getter": true,
      "has_setter": true,
      "device_id": "5f16acb446aaf03ea2095e03"
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/modify_item

Manually modify some item fields.

request:

Field	Type	Required	Description
item_id	string	+	item ID to modify
item	table	+	format of table is described in core.modify_item command.

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/modify_item",
    "scriptParams": {
      "item_id": "5f18095946aaf06f4005043c",
      "item": {
        "name": "switch",
        "value_type": "bool",
        "value": false,
        "has_getter": false,
        "has_setter": true,
        "device_id": "5f16acb446aaf03ea2095e03"
      }
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/remove_device

Removes specified device.

request:

Field	Type	Required	Description
device_id	string	+	device ID to remove

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/remove_device",
    "scriptParams": {
      "device_id": "5f157ebd46aaf021143f67d4"
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/update_item_value

Update item value.

request:

Field	Type	Required	Description
value	depends on item type	+	New item value.
min	depends on item type	-	New item min value.
max	depends on item type	-	New item max value.

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/update_item_value",
    "scriptParams": {
      "item_id": "5f1572ef46aaf07c15271559",
      "value": {
        "value": 30,
        "scale": "celsius"
      }
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/randomize_item_values

Update items with random values.

request:

Field	Type	Required	Description
item_names	table	-	If parameter specified, only items with specific names will be updated
item_ids	table	-	If parameter specified, only items with specific ids will be updated
timeout	number	-	Amount of time in milliseconds between every item update
cyclicalilty	string	-	once - update every item single time, periodic - update items value until "scripts/stop_randomize_value" executed

If both "item_names" and "item_ids" parameters are specified, all items that correspond to any of those params will be executed.

If "timeout" parameter is not specified, all item values will be changed immediately.

If "cyclicalilty" is not specified, it will be handled as "once".

Supported items value types

int

float

bool

token

rgb

all scalable types

response:

empty result

Example

request:

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/randomize_item_values",
    "scriptParams": {
      "item_names": [ "thermostat_setpoint", "switch" ]
    }
  }
}
```

```
{
  "method": "extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/randomize_item_values",
    "scriptParams": {
      "cyclicality": "periodic",
      "timeout": 1000
    }
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```

scripts/stop_randomize_values

Stop all timed item values randomizations.

request:

no params

response:

empty result

Example

request:

```
{
  "method": "hub.extensions.plugin.run",
  "id": "_ID_",
  "params": {
    "script": "HUB:test_plugin/scripts/stop_randomize_values"
  }
}
```

response:

```
{
  "error": null,
  "id": "_ID_",
  "result": {}
}
```