PHILIPS

hue PERSONAL
WIRELESS
LIGHTING

How to **develop for Hue?**

Develop

Get Started Application Design Guidance **Hue API** Hue Entertainment Tools and SDKs

Error   messages

Where error messages are used in the API documentation, it is recommended that a link to the error messages page with a suitable anchor tag be provided.

If an API call fails to execute an error message is returned. This will take the following form:

```
{
    "error": {
        "type": <ID> ,
        "address": </resource/parameteraddress>,
        "description": <description>
    }
}
```

One error message per failed action will be returned using a priority system. The priority system uses the error number, with a lower number meaning a higher priority. In the case of a `PUT` command, an error may be given for each parameter on which a change was attempted.

The following tables list all error codes that are used by the bridge.

Key:

`<resource>`	Resource being acted on e.g. /lights/1
`<method_name>`	HTTPS Method e.g. `PUT/POST/DELETE/GET`
`<parameter>`	URI of the parameter being modified e.g. `/lights /1/name`
`<value>`	Value the parameter is being set to e.g. 128

On this page:

Generic Errors

ID	Description	Details
1	unauthorized user	This will be returned if an invalid username is used in the request, or if the username does not have the rights to mo the resource.

ID	Description	Details
2	body contains invalid JSON	This will be returned if the body of the message contains invalid JSON.
3	resource, `<resource>`, not available	This will be returned if the addressed resource does not e E.g. the user specifies a light ID that does not exist.
4	method, `<method_name>`, not available for resource, `<resource>`	This will be returned if the method (`GET/POST/PUT/DELE` used is not supported by the URL e.g. `DELETE` is not sup on the `/config` resource
5	missing parameters in body	Will be returned if required parameters are not present in message body. The presence of invalid parameters should trigger this error as long as all required parameters are present.
6	parameter, `<parameter>`, not available	This will be returned if a parameter sent in the message b does not exist. This error is specific to `PUT` commands; in parameters in other commands are simply ignored.
7	invalid value, `<value>`, for parameter, `<parameter>`	This will be returned if the value set for a parameter is of t incorrect format or is out of range.
8	parameter, `<parameter>`, is not modifiable	This will be returned if an attempt to modify a read only parameter is made.
11	too many items in list	List in request contains too many items
12	Portal connection required	Command requires portal connection. Returned if portalservices is "false" or the portal connection is down
901	Internal error, `<error code>`	This will be returned if there is an internal error in the processing of the command. This indicates an error in the bridge, not in the message being sent.

Command Specific Error numbers and descriptions

ID	Description	Usage
101	link button not pressed	/config/linkbutton is false. Link button has not been pressed in l 30 seconds.
110	DHCP cannot be disabled	DHCP can only be disabled if there is a valid static IP configurati
111	Invalid updatestate	checkforupdate can only be set in updatestate 0 and 1.
201	parameter, <parameter>, is not modifiable. Device is set to off.	This will be returned if a user attempts to modify a parameter wh cannot be modified due to current state of the device. This will m commonly be returned if the hue/sat/bri/effect/xy/ct parameters modified while the on parameter is false.
203	Commissionable light list full	No more space left to commission a new ZigBee light.

301	group could not be created. Group table is full.	The bridge can store a maximum of 64 groups. This error will be returned if there are already the maximum number of groups cre in the bridge.
305	It is not allowed to update or delete group of this type	This will be returned if an attempt to update a light list in a grou delete a group of type "Luminaire" or "LightSource"
306	Light is already used in another room	A light can only be used in 1 room at the same time.Note: Added in 1.11
402	Scene could not be created. Scene buffer in bridge full	It is not possibly anymore to buffer scenes in the bridge for the lights. Application can try again later, let the user turn on lights, remove schedules or delete scenes
403	Scene couldn't not be removed, because it's locked.	Scene could not be removed, because it's locked. Delete the reso (schedule or rule action) that is locking it first.
404	Scene could not be created, group is empty	It is not allowed to create a GroupScene associated to an empty group
501	No allowed to create sensor type	Will be returned if the sensor type cannot be created using CLIP
502	Sensor list is full	This will be returned if there are already the maximum number of sensors created in the bridge.
503	Commissionable sensor list full	No more space left to commission a new ZigBee sensor. See also /capabilities/sensors.
601	Rule engine full	Returned when already 100 rules are created and no further rule can be added
607	Condition error	Rule conditions contain errors or operator combination is not allowed (e.g. only one dt operator is allowed)
608	Action error	Rule actions contain errors or multiple actions with the same resource address
609	Unable to activate	Unable to set rule status to 'enable, because rule conditions references unknown resource or unsupported resource attribute
701	Schedule list is full	This will be returned if there are already the maximum number o schedules created in the bridge.
702	Schedule time-zone not valid	Cannot set parameter 'localtime', because timezone has not bee configured.
703	Schedule cannot set time and local time	Cannot set parameter 'time' and 'localtime' at the same time.
704	Cannot create schedule	Cannot create schedule because tag, <tag>, is invalid.
705	Cannot enable schedule, time is in the past	The schedule has expired , the time pattern has to be updated b enabling

706	Command error	Schedule command on a unsupported resource.
801	Source model invalid	Backup is requested on an unsupported bridge model.
802	Source factory new	Backup is requested on a factory new bridge, nothing to backup.
803	Invalid state	Backup is requested in another state then idle.

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