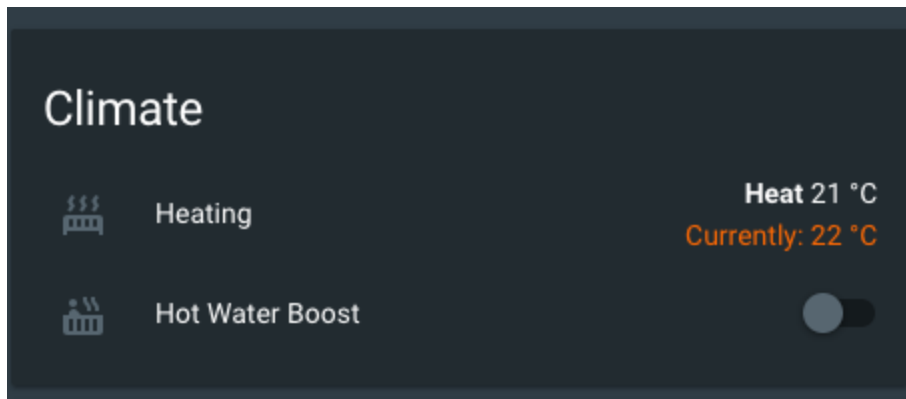


Home Assistant - Nest Hot Water Boost WITH IFTTT



Prerequisites:

IFTTT Account

NEST Online UK Account

Home Assistant with knowledge of groups, lighting, automations and experience with yaml files..

Step 1: Download the files (or fork) from Github.

<https://github.com/rdiver/nest-php-api-hot-water>

Step 2: Edit the example files, setting a random key and enter your nest username and password.

Then upload them with the class to your webspace and make a note of the url.

The key variable is purely for security reasons, so that even if someone knows the url, they cannot do anything without the key, which can be any random character set. (within reason, I would stick to A-Z a-z 0-1)*

Step 3:

a) Create the applet. Go to https://ifttt.com/my_applets

b) Click 'New Applet' (in the right corner)

c) Click '+this' .

d) type webhook and click the webhook option (should look like a blue/white fidget spinner)

e) select 'Receive a web request' on the right and name it 'hot_water_boost_on' then click 'create trigger'

f) now click '+that', type webhook and choose the same webhook box.

g) now click 'Make a web request'

h) In the URL box you will need to place the path to your example_boost_hot_water.php file and include the key on the end so for instance

http://yourdomain.com/nest-php-api-hot-water/example_boost_hot_water.php?key=10i7P4D2sb

leave the method as GET and do not touch content type or body. Click 'Create action'.

Step 4:

Repeat Step 3, but instead of hot_water_boost_on name it hot_water_boost_off and point the 'that' web request to the example_cancel_hot_water.php file, remember to put the '?key=your key from inside the file' on the end of the URL otherwise it will not work.

Step 5:

Add IFTTT to your configuration.yaml file

Example configuration.yaml entry

ifttt:

key: xxx

Step 6:

To get the switches to work I had to class them as lights, I added the following code to my `light.yaml` file:

- platform: template

lights:

hot_water_on:

friendly_name: "Hot Water Boost"

turn_on:

```
service: ifttt.trigger
```

data:

event: hot_water_boost_on

```
value1: 'hot_water_boost_on'
```

turn_off:

```
service: ifttt.trigger
```

data:

event: hot_water_boost_off

```
value1: 'hot_water_boost_off'
```

Step 7:

To have the switch change back to off after 60 minutes boost.

Add the following to your automation.yaml file.

- alias: Hot Water Boost Off

trigger:

platform: state

entity_id: light.hot_water_on

to: 'on'

for:

minutes: '63'

action:

```
service: homeassistant.turn_off
```

entity_id: light.hot_water_on

Step 8:

Add the switch to your interface, I use a climate group to keep it all tidy:

climate:

name: Climate

view: no

entities:

- climate.whole_house
- sensor.porch_temp
- light.hot_water_on

If you have any issues feel free to drop me an email on michaeltanner+hass@auo-global.com or reply to the thread, I may not see your thread reply for days at a time due to the nature of my work however I'm constantly checking my emails.

The API PHP files belong to RDiver, I used his guide to tailor things for Home Assistant his guide can be found here:

<http://www.aimlesswandering.uk/web/2017/11/nest-thermostat-hot-water-controlled-by-alexa/>