Ok, so everything he has is what you would use if I read his post properly.

```
- id: set_motion_sensitivity
  trigger:
    [some_trigger]
  action:
    service: rest_command.hue_command
    data_template:
      command: config
      data:
        sensitivity: >
          {{states('input_select.set_hue_sensitity')}}
        id: >
          {% set mapper =
            { 'Laundry':'22',
              'Dining table':'52',
              'Auditorium':'44',
              'Frontdoor':'60',
              'Dorm':'56',
              'Corridor':'5',
              'Corridor terrace':'33',
              'Master bedroom':'48',
              'Corridor Office':'28',
              'Control room':'7',
              'Attic':'12' } %}
          {% set state = states('input_select.select_hue_motion_sensor') %}
          {% set id = mapper[state] if state in mapper %}
          {{id}}
        type: sensors
```

or you could create a template sensor that updates and just has the number.

```
sensor:
  - platform: template
    sensors:
      hue_map:
        value_template: >
          {% set mapper =
            { 'Laundry':'22',
              'Dining table':'52',
              'Auditorium':'44',
              'Frontdoor':'60',
              'Dorm':'56',
              'Corridor':'5',
              'Corridor terrace':'33',
              'Master bedroom':'48',
              'Corridor Office':'28',
              'Control room':'7',
              'Attic':'12' } %}
          {% set state = states('input_select.select_hue_motion_sensor') %}
          {% set id = mapper[state] if state in mapper %}
          {{ id }}
```

automation:

```
  - id: set_motion_sensitivity
    trigger:
      [some_trigger]
    action:
      service: rest_command.hue_command
      data_template:
        command: config
        data:
          sensitivity: >
            {{ states('input_select.set_hue_sensitity') }}
          id: >
            {{ states('sensor.hue_map') }}
          type: sensors
```

Template editor:

```
{% set my_test_json = { "items": ["car","horse"] } %}
* Items:{% for item in my_test_json["items"] %}
 * {{item}}
{%- endfor %}

* Items[0]:
 * {{my_test_json["items"][0]}}

* Items[1]:
 * {{my_test_json["items"][1]}}
```

Result:

```
* Items:
 * car
 * horse

* Items[0]:
 * car

* Items[1]:
 * horse
```

Hi All

Am I being really stupid here (probably as its been a long day) but for the life of me I cant seem to get this to work, or in fact even confirm it should:

PARTIAL AUTOMATION:

```
trigger:
  - device_id: df9b3ff7a16e7d73a89b3eadbf63b861
    domain: hue
    platform: device
    type: long_release
    subtype: 4
    unique_id: 850d897b-294c-4ede-b889-b3fa964104ee
    id: kitchen

action:
  - service: switch.turn_off
    data: {}
    target:
      entity_id: switch.{{ trigger_id }}_motion_sensor_motion
```

I have tried qoutes and no qoutes and constantly get the following results:

```
Template rendered invalid entity IDs: switch._motion_sensor_motion
```

What blindingly obvious am I missing here?

PS. I dont normally trigger off of devices but I was just testing and will likely end up using the hue event once I have worked out why I am failing at the first hurdle.
TIA

Solved by Rob in post #13

Your code:

```
entity_id: switch.{{ trigger_id }}_motion_sensor_motion
```

But… You still have the wrong thing there. It should be

```
entity_id: switch.{{ trigger.id }}_motion_sensor_motion
```

Issues with Template sensors and mapping

Kilde: https://community.home-assistant.io/t/issues-with-template-sensors-and-mapping/368843

calypso
Dec 2021

So my inverter states its state numerically. I would like to map those values to a word. I have attempted to follow what I can find online but I am not coming right nor can I find official documentation on this.

```
- platform: template
  sensors:
    multiplus_inverter_state:
      friendly_name: "Inverter State"
      unit_of_measurement: "State"
      entity_id: sensor.multiplus_inverter_state_numeric
      value_template: >-
        {% set mapper =  {
            '0' : 'Off',
            '1' : 'Low Power',
            '2' : 'Fault',
            '3' : 'Bulk',
            '4' : 'Absorbtion',
            '5' : 'Float',
            '6' : 'Storage',
            '7' : 'Equalize',
            '8' : 'Passthru',
            '9' : 'Inverting',
            '10' : 'Power Assist',
            '11' : 'Power Supply',
            '252' : 'Bulk Protection' } %}
        {% set state =  states.sensor.multiplus_inverter_state_numeric %}
        {{ mapper[state] if state in mapper else 'Unknown' }}
```

Any idea why this doesn't work?

Solved by Petro in post #13

```
        {% set state = states('sensor.multiplus_inverter_state_numeric') %}
        {{ mapper[state] if state in mapper else 'Unknown' }}
```

Remove that. Your dictionary (what you cal mapper) uses umbers that are wrapped in quotes. That means they aren't actually numbers but strings. So he mapper will fail. You want to keep your state a string, I.e. remove the int cast