

# Creating the Ultimate Morning Routine

**Joris Roovers**



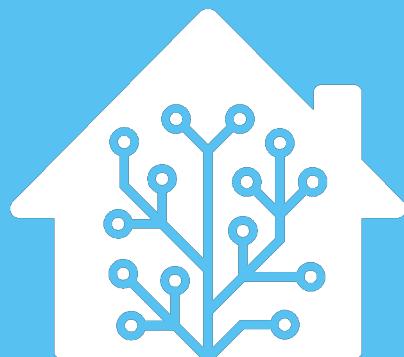
@jorisroovers



Joris#0177



jorisroovers/casa ← Details, code, configuration



Home Assistant Conference  
13 December 2020

# Looks familiar?

Rough Night

**NOT** my happy face

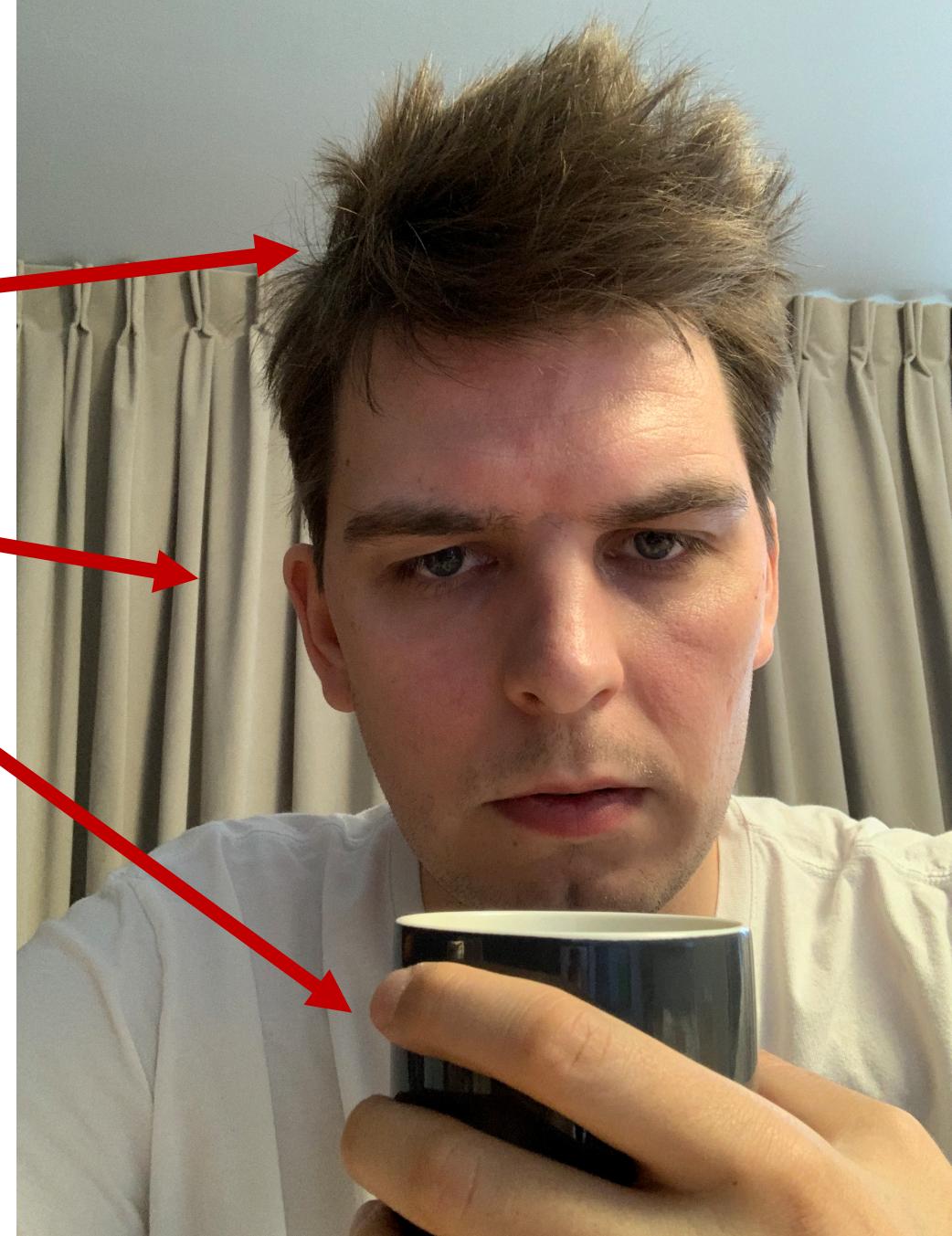
The morning “caffeine grip”



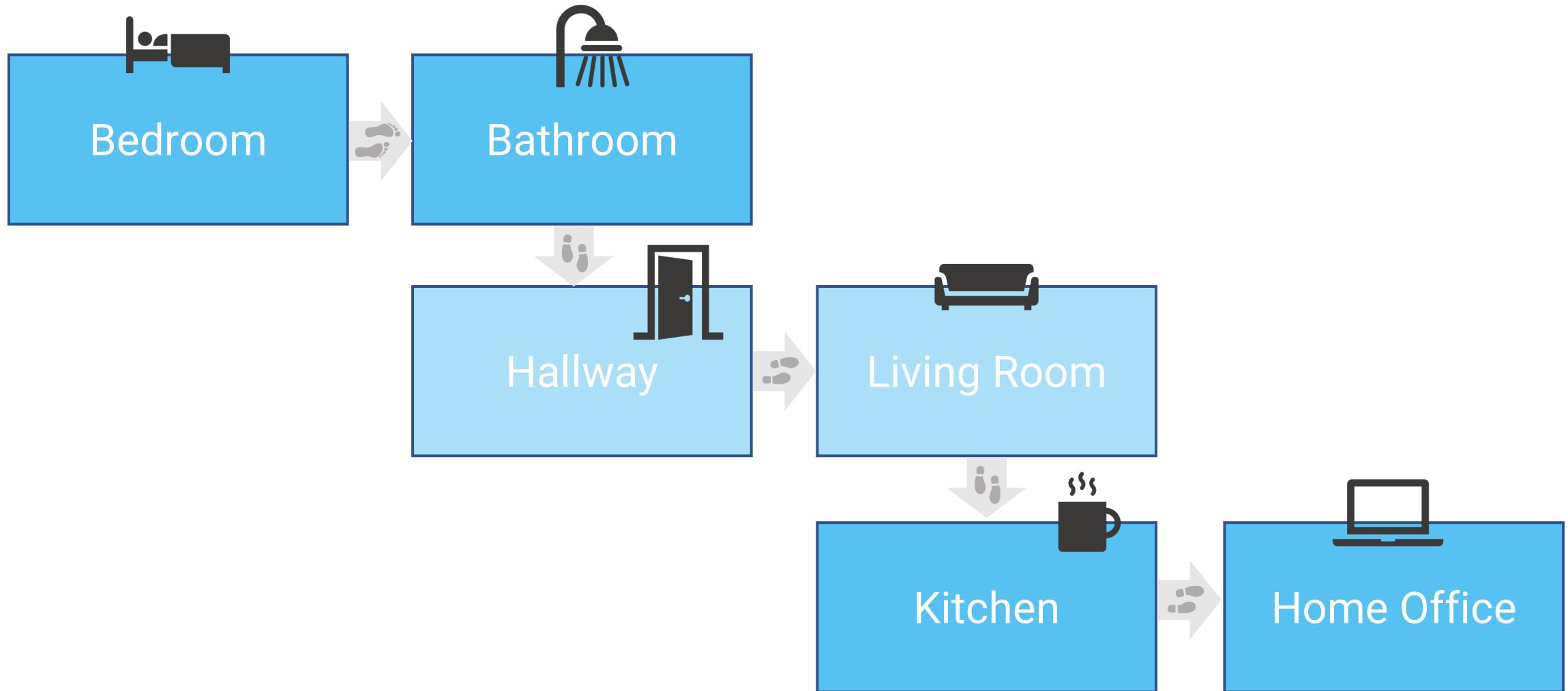
*“Can I at least automate the boring part?”*



**Home Assistant**  
to the Rescue



# My morning route through the house



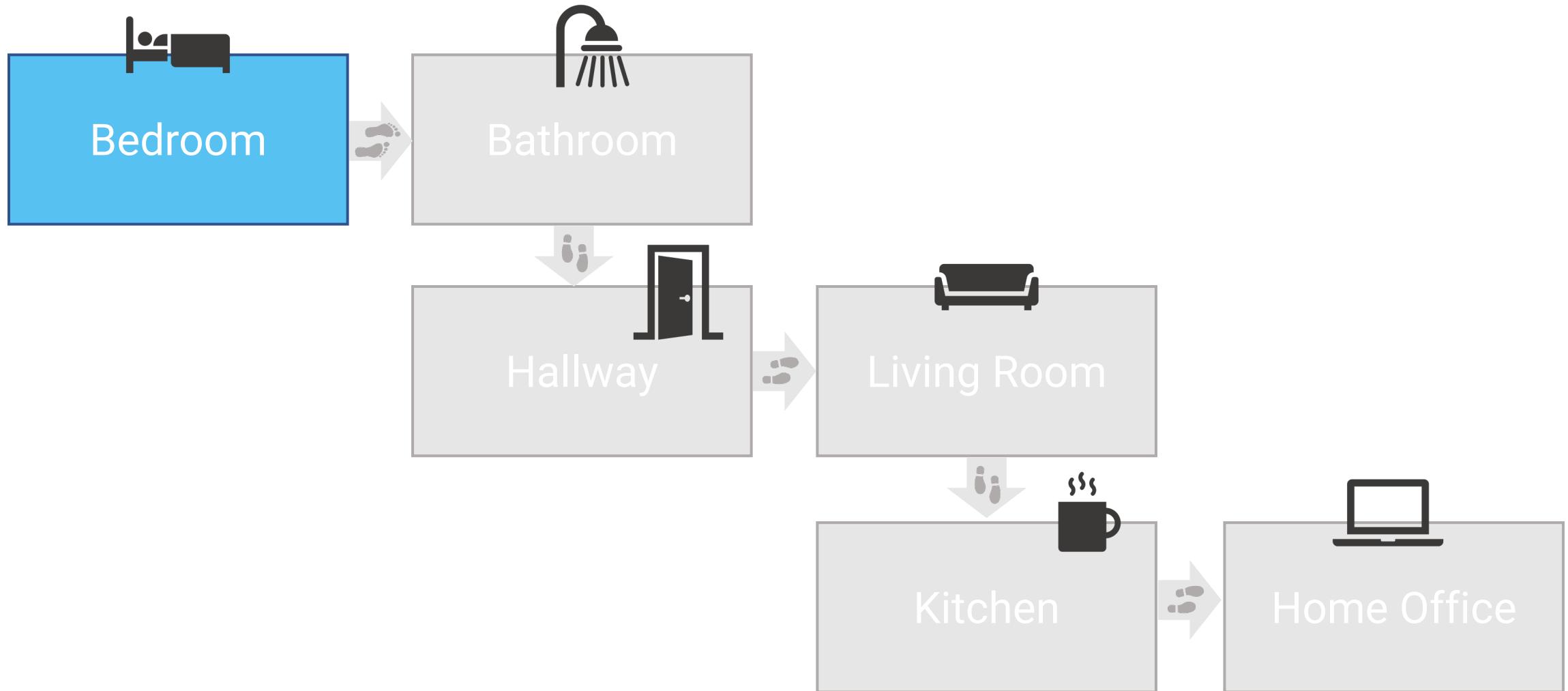
# My morning route through the house



# My morning route through the house



# My morning route through the house



Difficulty:

Easy



# Bedroom



- **START** Sleep Cycle alarm, Philips Hue integration
  - Color fade-in (and eventually music)
  - Not a special lamp, just a simple smart light bulb



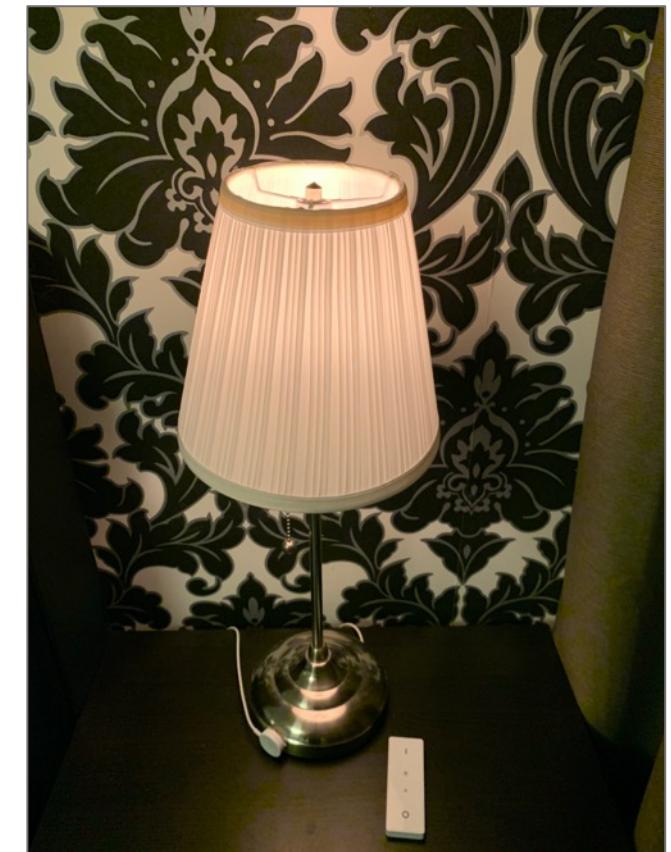
- **TRIGGER** Nightstand lamp turned on

## CONDITIONS

- House Mode == Sleeping
- It's a Working Day, between 7.30-10.00

## ACTIONS

Let's start the morning routine



Difficulty:

Easy



# Bathroom

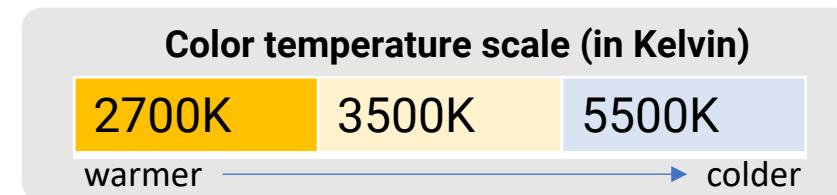


- **TRIGGER** Morning Routine Started

- **ACTIONS**
  - 1 Turn on the lights (**IKEA TRÅDFRI**)
    - Wake up: Set color temperature to bright white

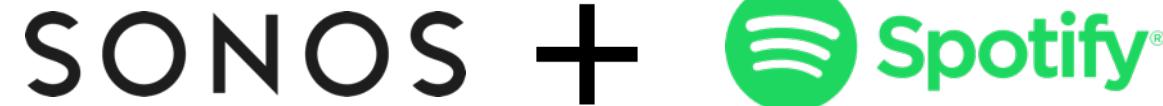


TRÅDFRI



- 2 Turn on bathroom music (Sonos, Spotify)

- Early morning playlist



- 3 Turn on Mirror

- Mirror Light + Mirror Heating Pad

# Bathroom Mirror Heating



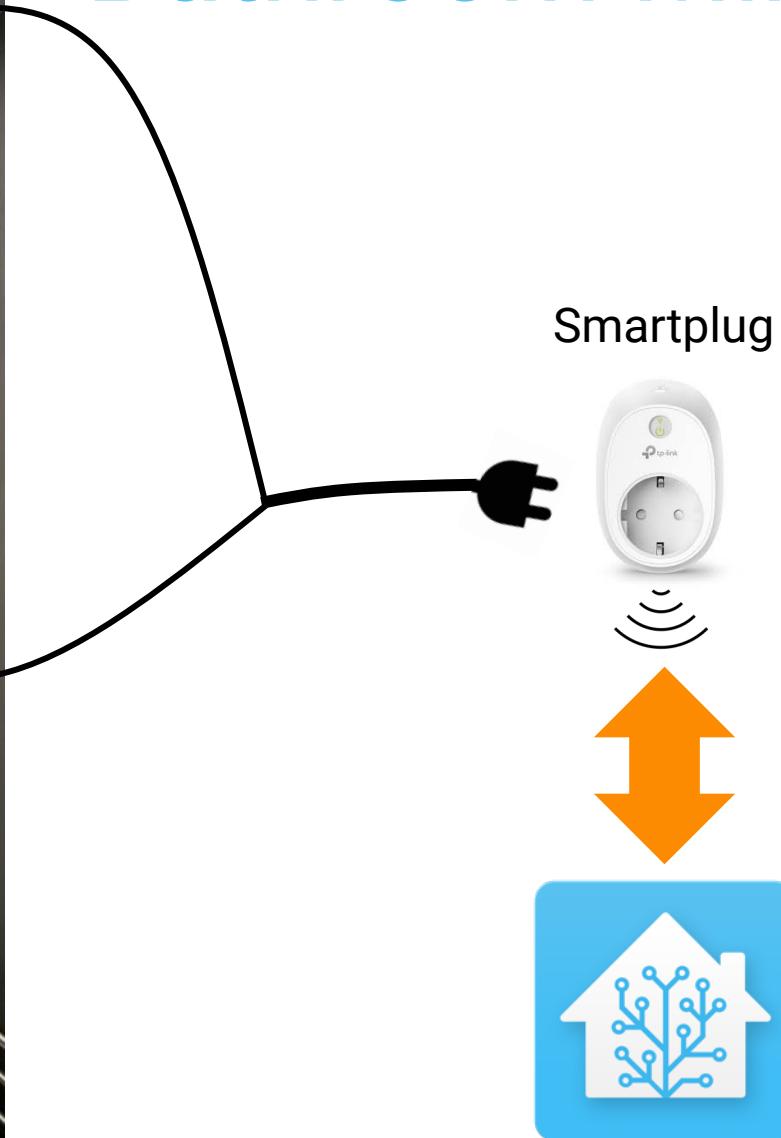
# Bathroom Mirror Heating



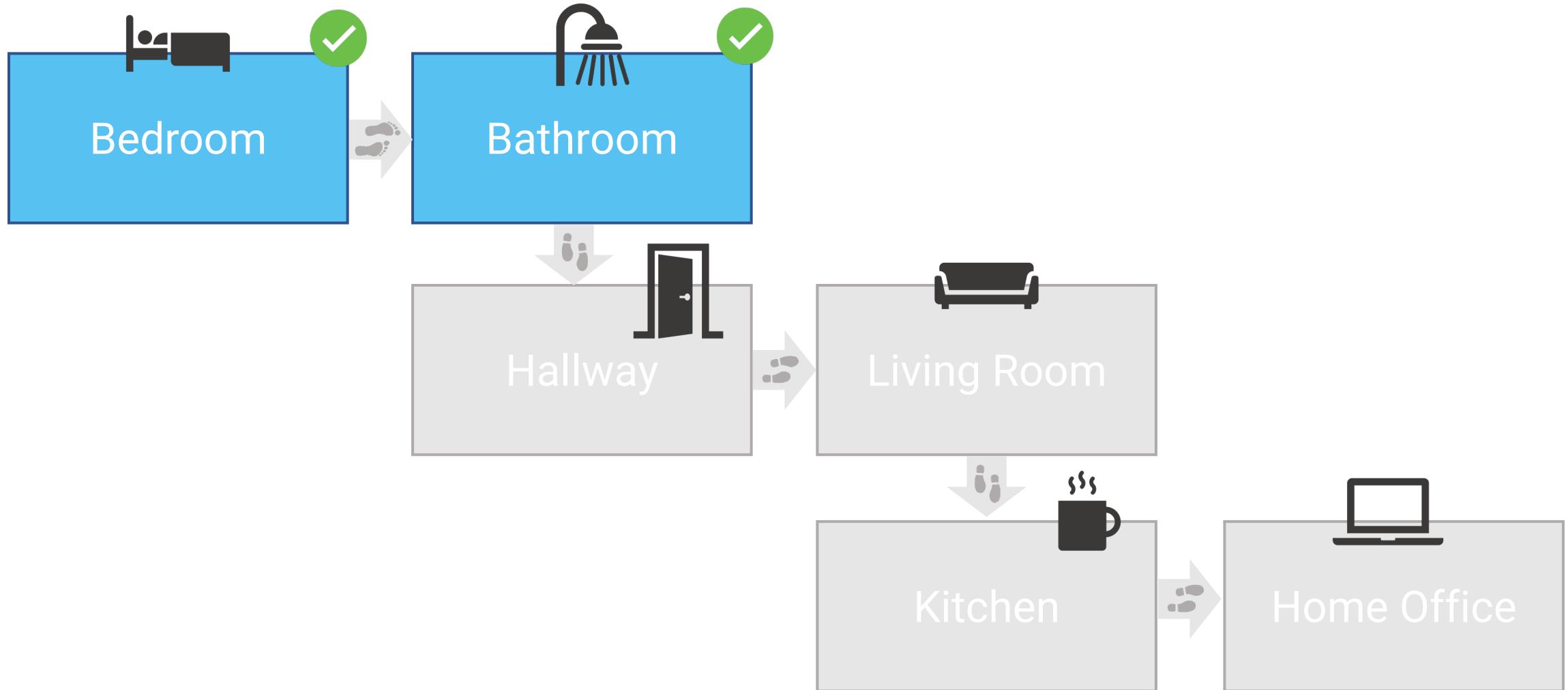
## Mirror Heating Pad

Flexible pad that sticks to the back of the mirror

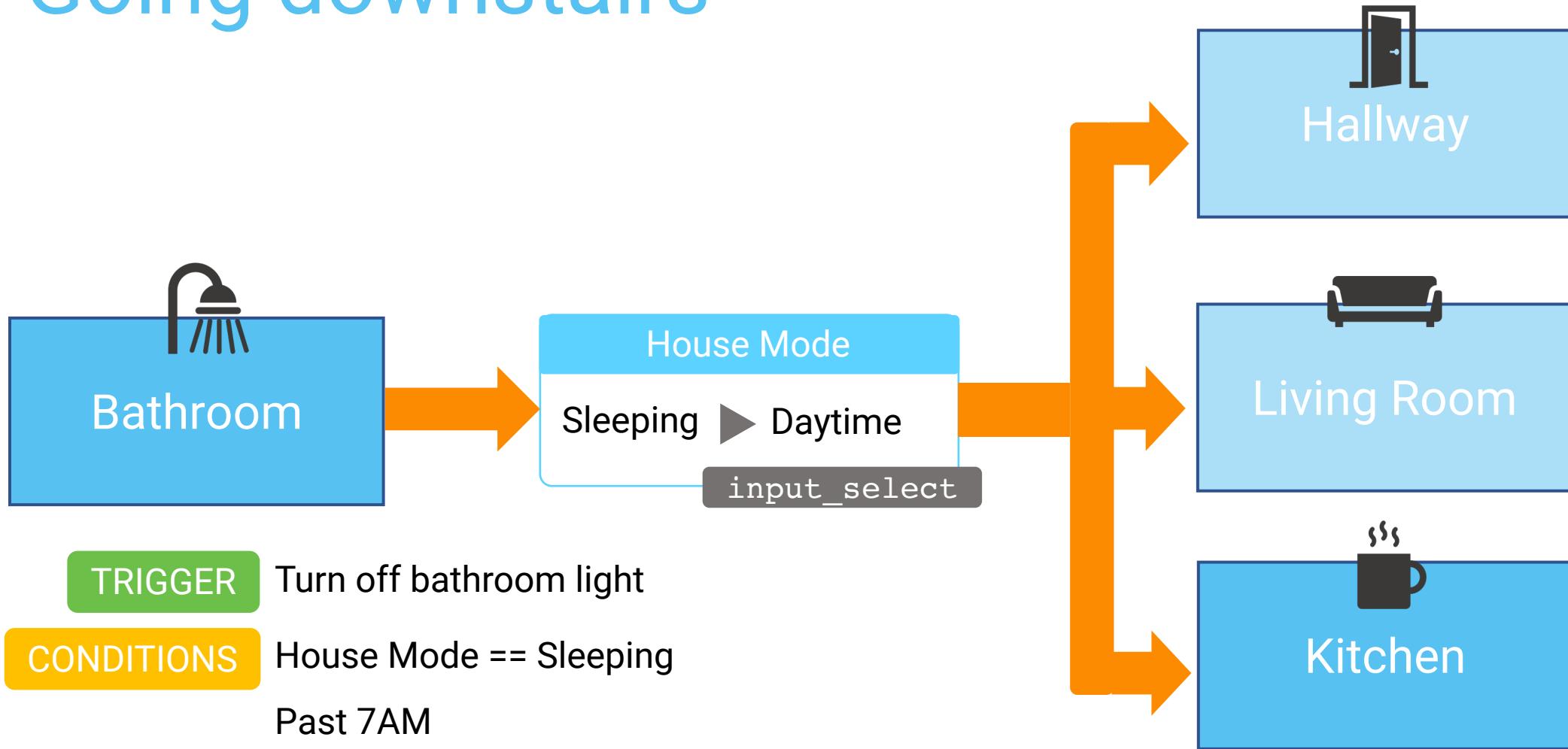
# Bathroom Mirror Heating



# My morning route through the house



# Going downstairs





# The hallway

- **TRIGGER** House Mode: Sleeping ➤ Daytime
- **ACTIONS**
  - 1 Turn off in-house cameras (Nest)
    - Everywhere, not just hallway
  - 2 Open the curtains (ESPHome)
    - See next slide ☺
- **Independently:**
  - Motion-activitated lights: Light temperature based on time off day

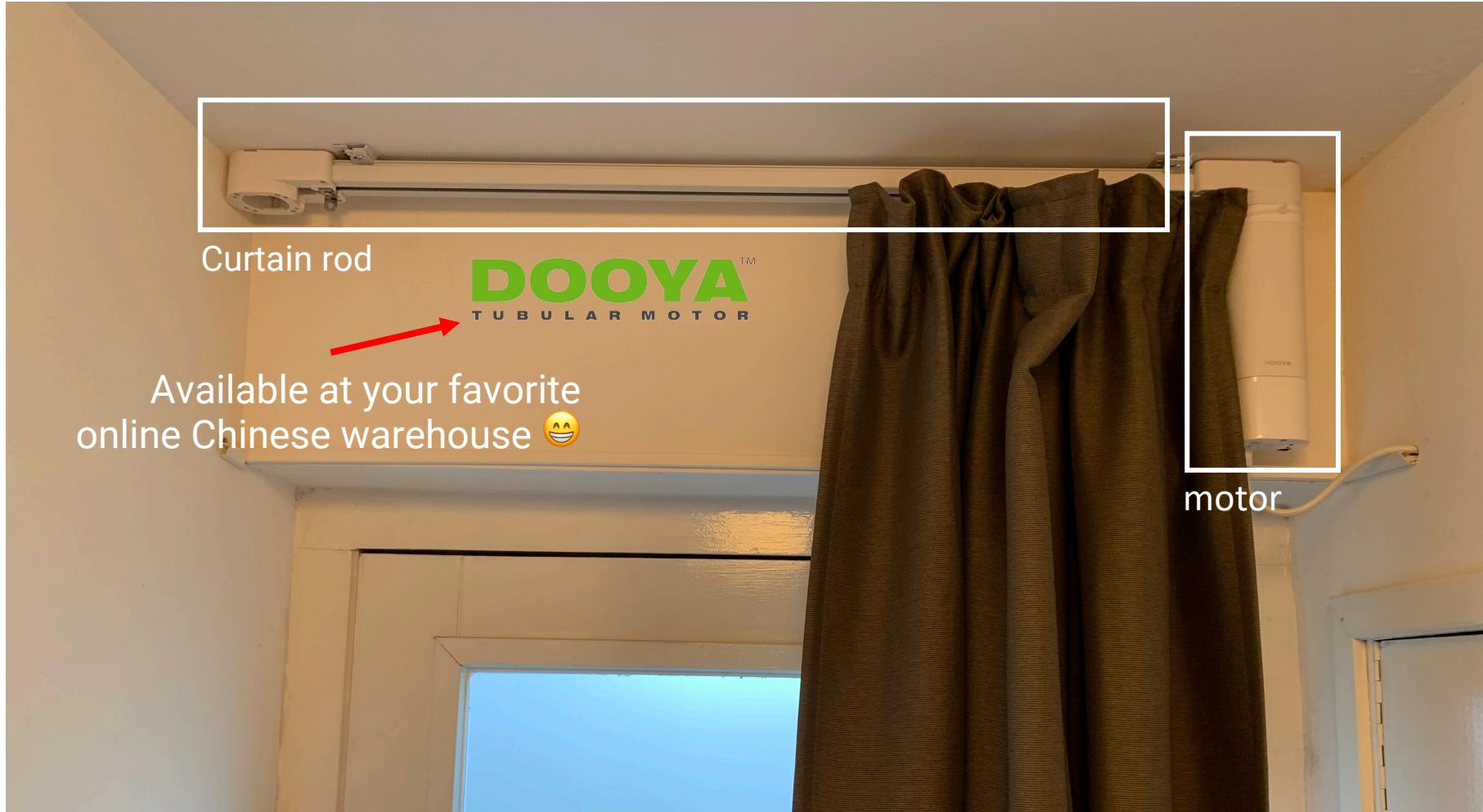


Difficulty:

Advanced



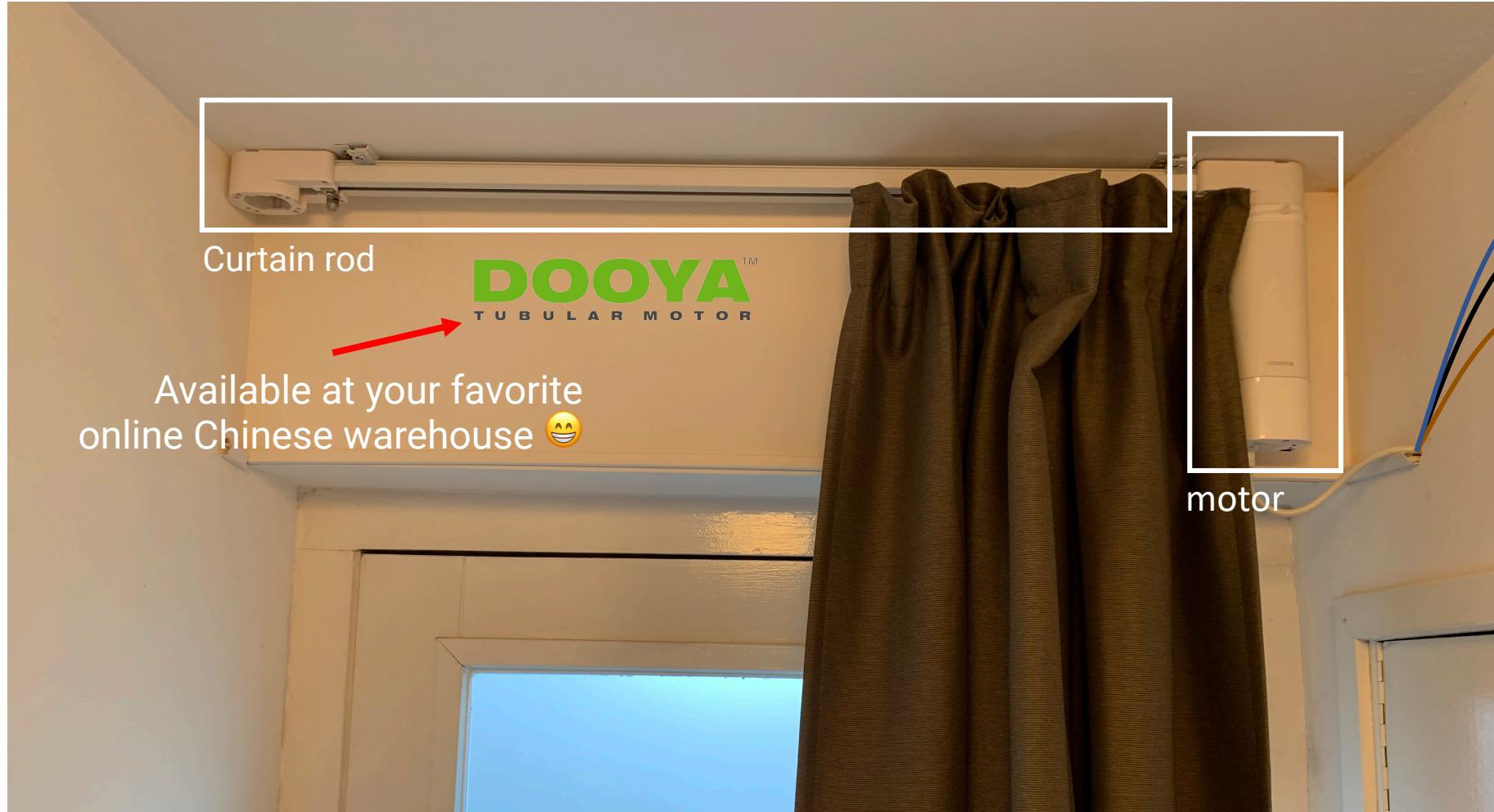
# Automatic Curtains



Difficulty:

Advanced

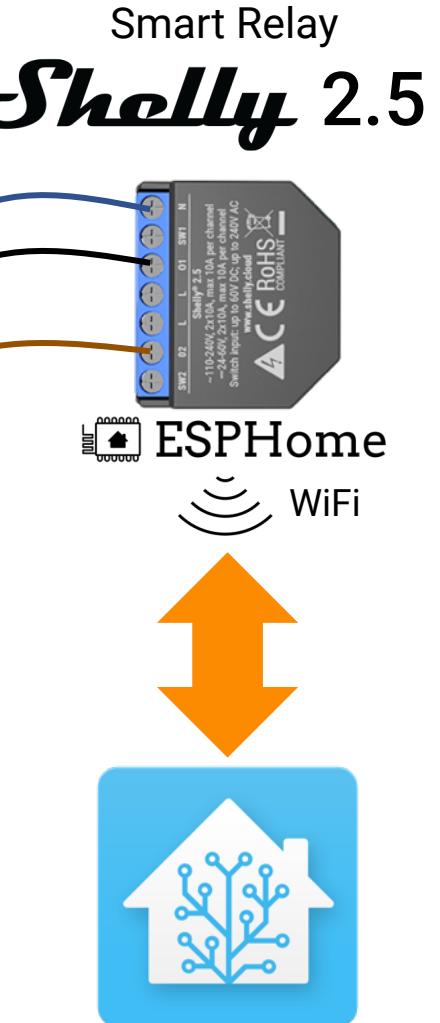
# Automatic Curtains



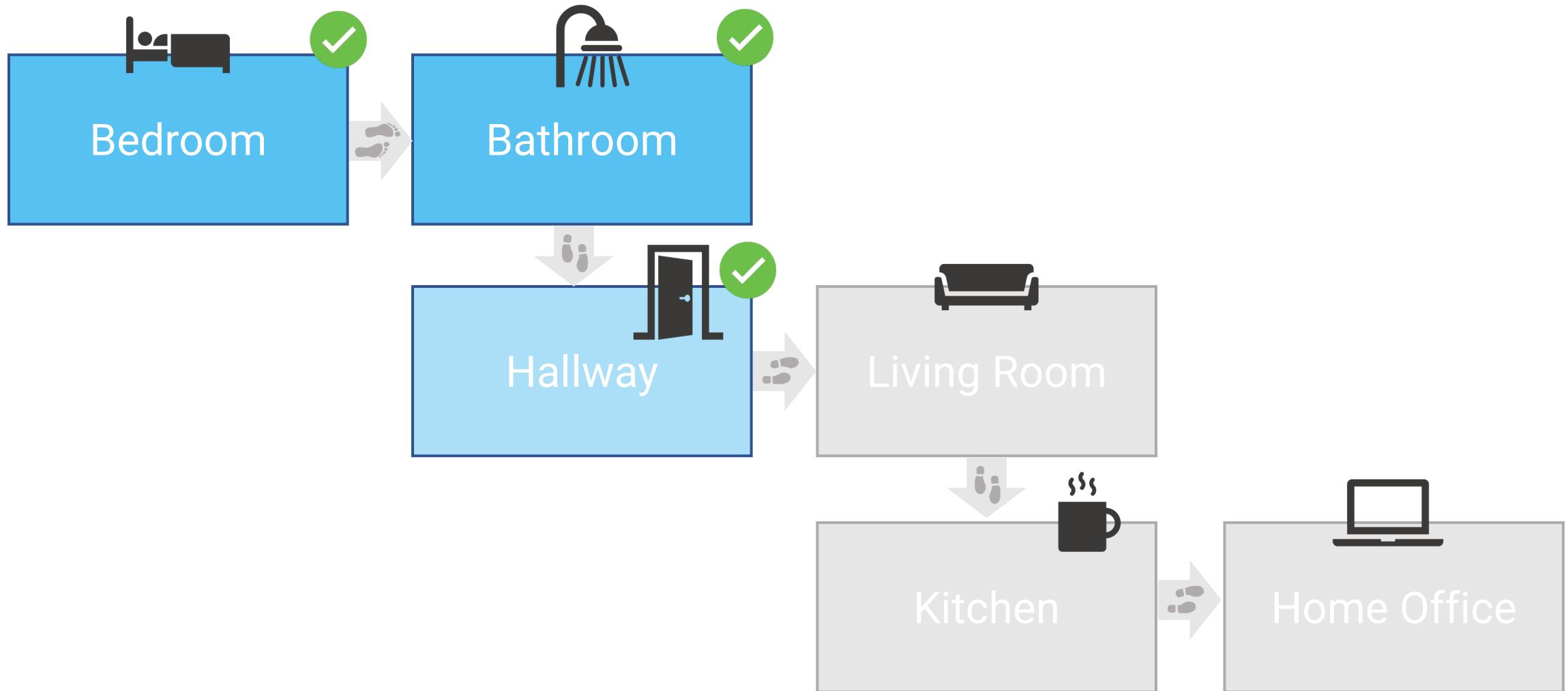
Curtain rod  
**DOOYA**  
TUBULAR MOTOR

Available at your favorite  
online Chinese warehouse 😊

motor



# My morning route through the house



Difficulty:

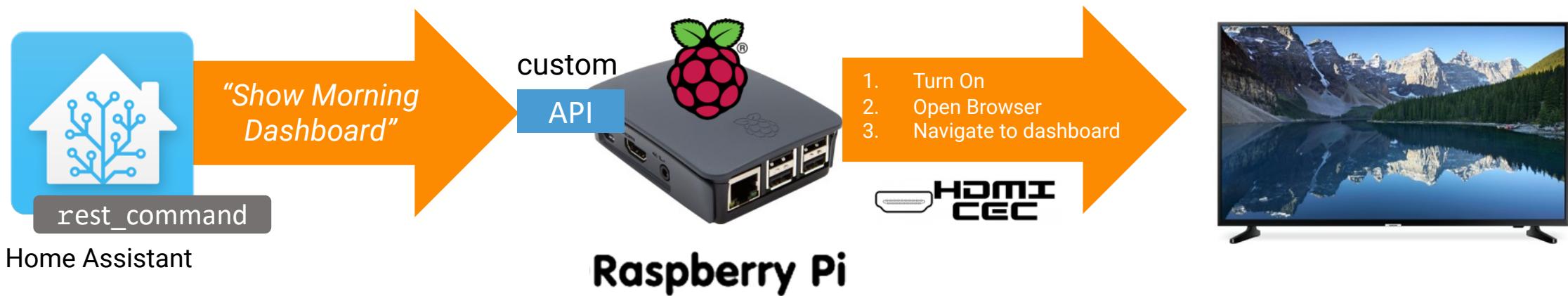
Advanced

Alternative

## Google Cast

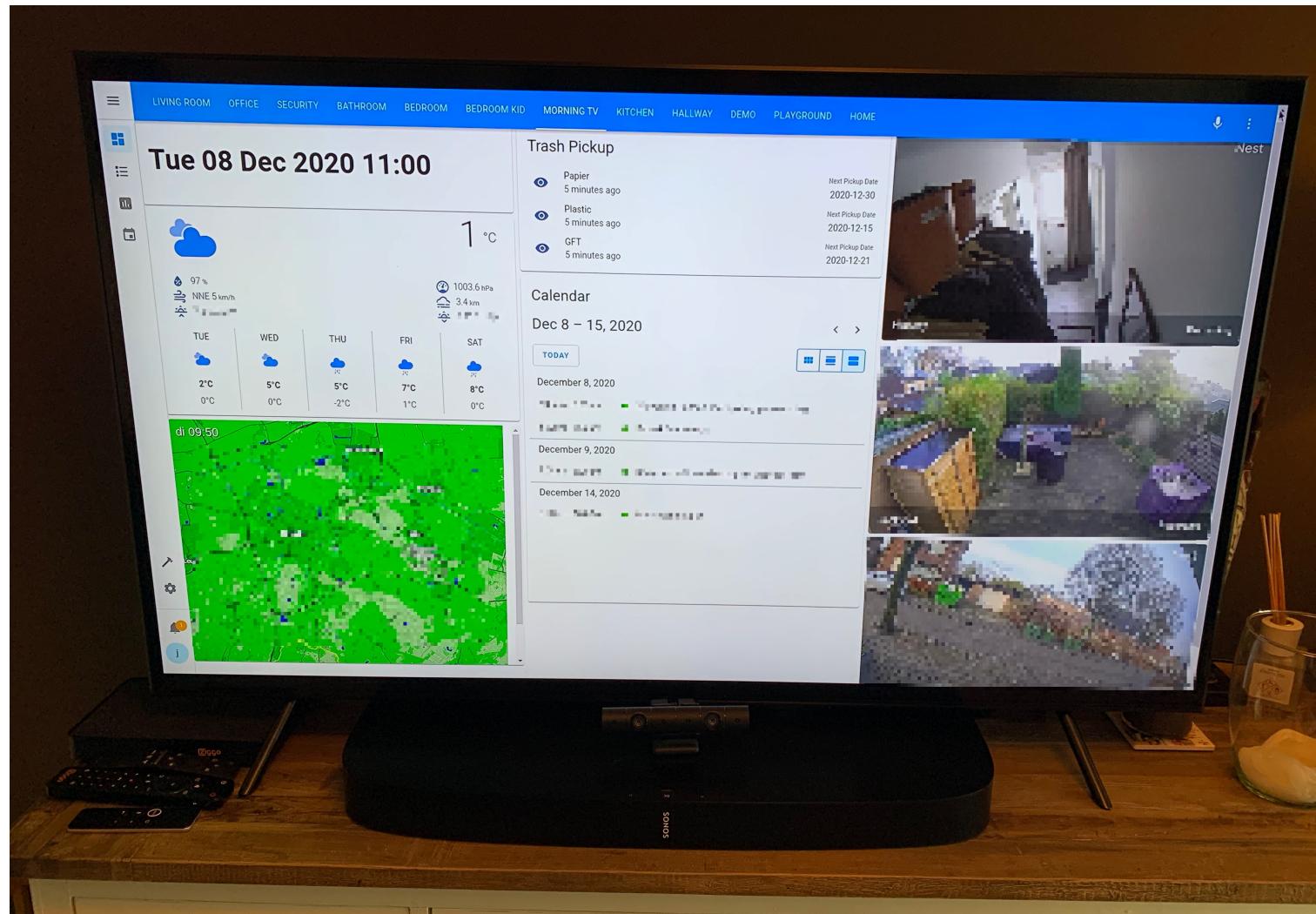
# Living Room

- TRIGGER House Mode: Sleeping ➤ Daytime
- ACTIONS
  - 1 Lights, Music
  - 2 Show TV Morning Dashboard



# TV Morning Dashboard

- Weather
- Trash pickup
- Calendar / Birthdays
- Outside Cameras
- Driving Time
- ...



Difficulty:

Easy



# Kitchen

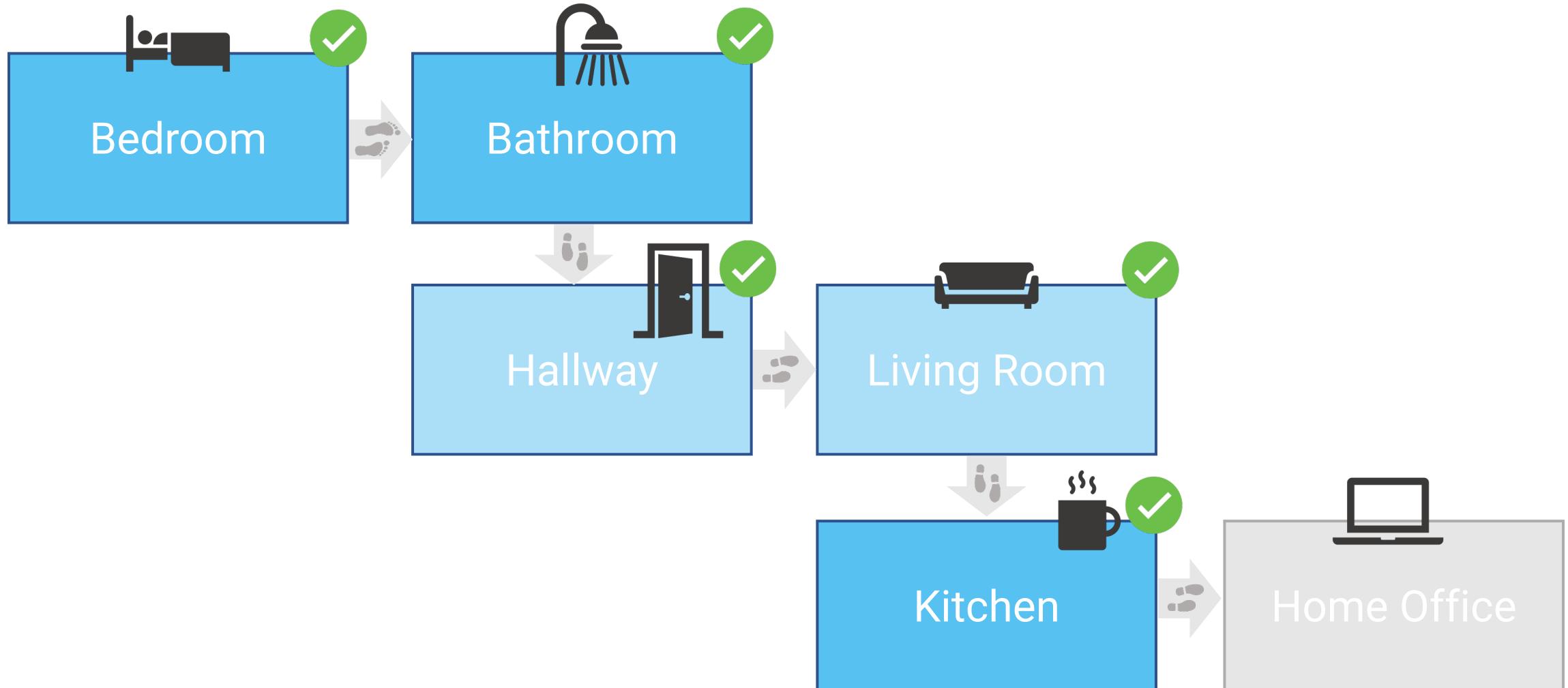


- TRIGGER House Mode: Sleeping ➤ Daytime
  - ACTIONS
    - 1 Lights, Music
    - 2 ~~Start Smart Kettle (for Tea)~~
- Boiling Water Tap →



Think about the problem itself  
Home-automation != Smart Device

# My morning route through the house



# Office



Difficulty:

Easy



- **TRIGGER** Joris Start Work

Ping `device_tracker`

Workday `binary_sensor`

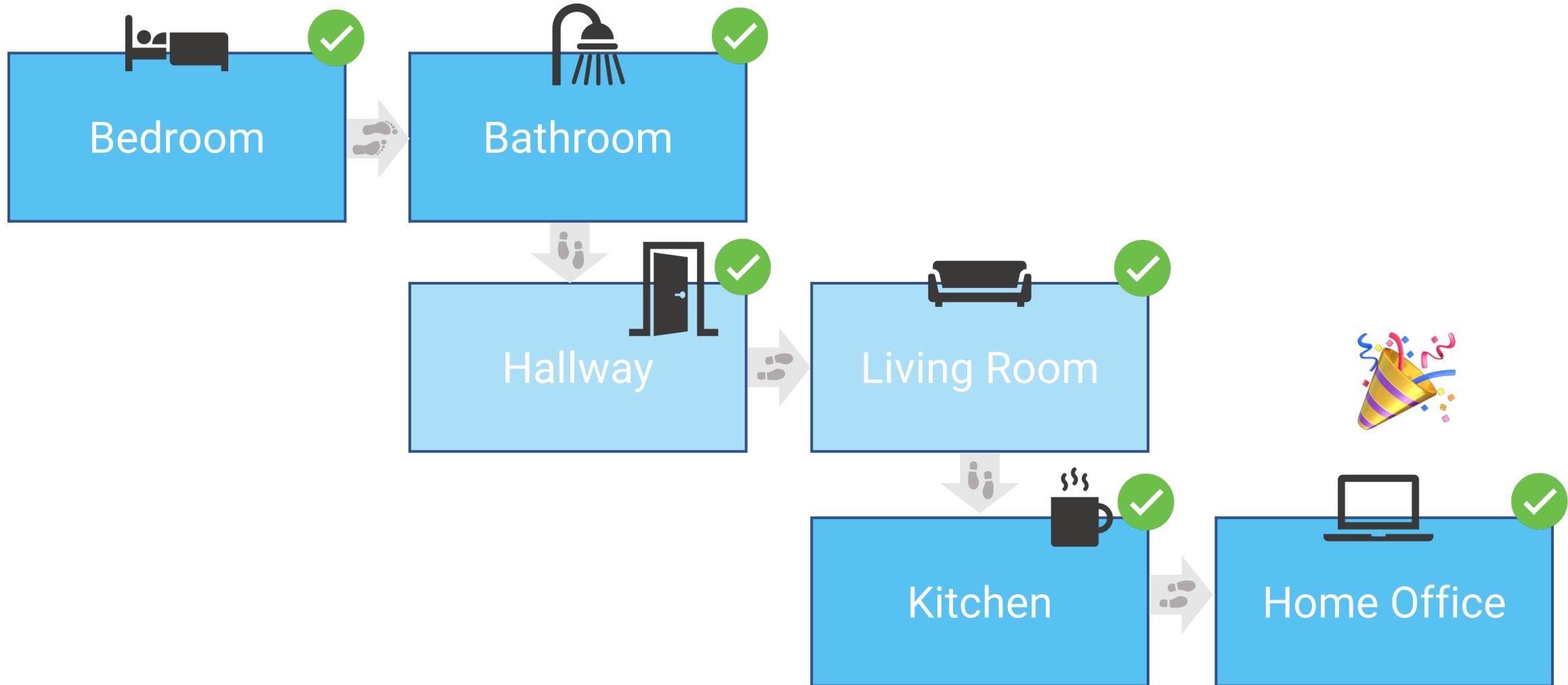
Future: HA Mac app?

BETA



- **ACTIONS**
  - 1 Turn Off Lights, Music, TV elsewhere
  - 2 Turn On Office lights, curtains opened

# My morning route through the house



# Creating your own morning routine

- **Bad News**
  - It's not plug-and-play, some tinkering required!
- **Good News**
  - **Home Assistant** has made it so much easier
  - Lot of different ways to get to a similar outcome
    - You can do what works for your budget, home, routine and family
  - It's a lot of fun 😊



# Thanks



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Details [AND MORE](#)

Wall-mounted tablets

More automations: window opener, ...

Entire stack: Ansible, Prometheus, Grafana, ...