



```

1 - id: '1713204776017'
2 alias: Secondary Light Automation
3 description: ''
4 trigger:
5 - type: motion
6   platform: device
7   device_id: ed149efb2b02971ed15043d6f6ce8f08
8   entity_id: 15d6a2926db539345135abd4b5a5edd
9   domain: binary_sensor
10 - type: motion
11   platform: device
12   device_id: 128eadc606cec8ee1dba4a44301a1528
13   entity_id: bcdb53c917162133462a65f790c09f17
14   domain: binary_sensor
15 condition:
16 - condition: sun
17   before: sunrise
18   after: sunset
19 - condition: time
20   before: '23:00:00'
21   after: '05:00:00'
22 action:
23 - service: light.turn_on
24   metadata: {}
25   data: {}
26   target:
27     device_id:
28       - 2f45c99a394e9b7405f6235757213759
29       - 9d26edd2a6de83a4742b3b78922de610
30 mode: single
31 - id: '1713205343992'
32 alias: Night Mode Secondary Light
33 description: ''
34 trigger:
35 - type: motion
36   platform: device
37   device_id: ed149efb2b02971ed15043d6f6ce8f08
38   entity_id: 15d6a2926db539345135abd4b5a5edd
39   domain: binary_sensor
40 - type: motion
41   platform: device
42   device_id: 128eadc606cec8ee1dba4a44301a1528
43   entity_id: bcdb53c917162133462a65f790c09f17
44   domain: binary_sensor
45 condition:
46 - condition: time
47   after: '23:00:00'
48   before: '05:00:00'
49 action:
50 - service: light.turn_on
51   metadata: {}
52   data:
53     brightness_pct: 30
54   target:
55     device_id:
56       - 9d26edd2a6de83a4742b3b78922de610
57 mode: single
    
```

STATE?

```

1 public ChildrenRoom(
2   IHaContext context, LightEntities lights,
3   BinarySensorEntities sensors, PersonEntities personEntities,
4   SunEntities sun){
5   Entities = new List<AutomationBase> {
6     new LightAutomationBase {
7       EntitiesList = new List<ILightEntityCore> {
8         lights.LivingroomBulb,
9         lights.LedLivingRoomSonoffLed,
10      },
11       Triggers = new [] {
12         new MotionSensor(new[]{
13           sensors.LivingRoomMotionSensor1Motion,
14           sensors.LivingRoomMotionSensorMotion
15         }, context)
16      },
17       WaitTime = TimeSpan.FromMinutes(20),
18       SwitchTimer = TimeSpan.FromHours(1),
19       StopAtTimeFunc =
20         () => DateTime.Parse(sun.Sun.Attributes?.NextDawn).TimeOfDay,
21       StartAtTimeFunc =
22         () => DateTime.Parse(sun.Sun.Attributes?.NextDusk).TimeOfDay,
23       NightMode = new NightModeConfig {
24         IsEnabled = true,
25         Devices = new List<ILightEntityCore>{
26           lights.LivingroomBulb,
27         },
28       StartAtTimeFunc = () => DateTime.Parse("23:00:00").TimeOfDay,
29       StopAtTimeFunc = () => DateTime.Parse("05:00:00").TimeOfDay,
30     }
31   }
32 };
33 }
    
```

Figure 2: NEA Light Automation

Figure 1: Raw HA motion triggered automation

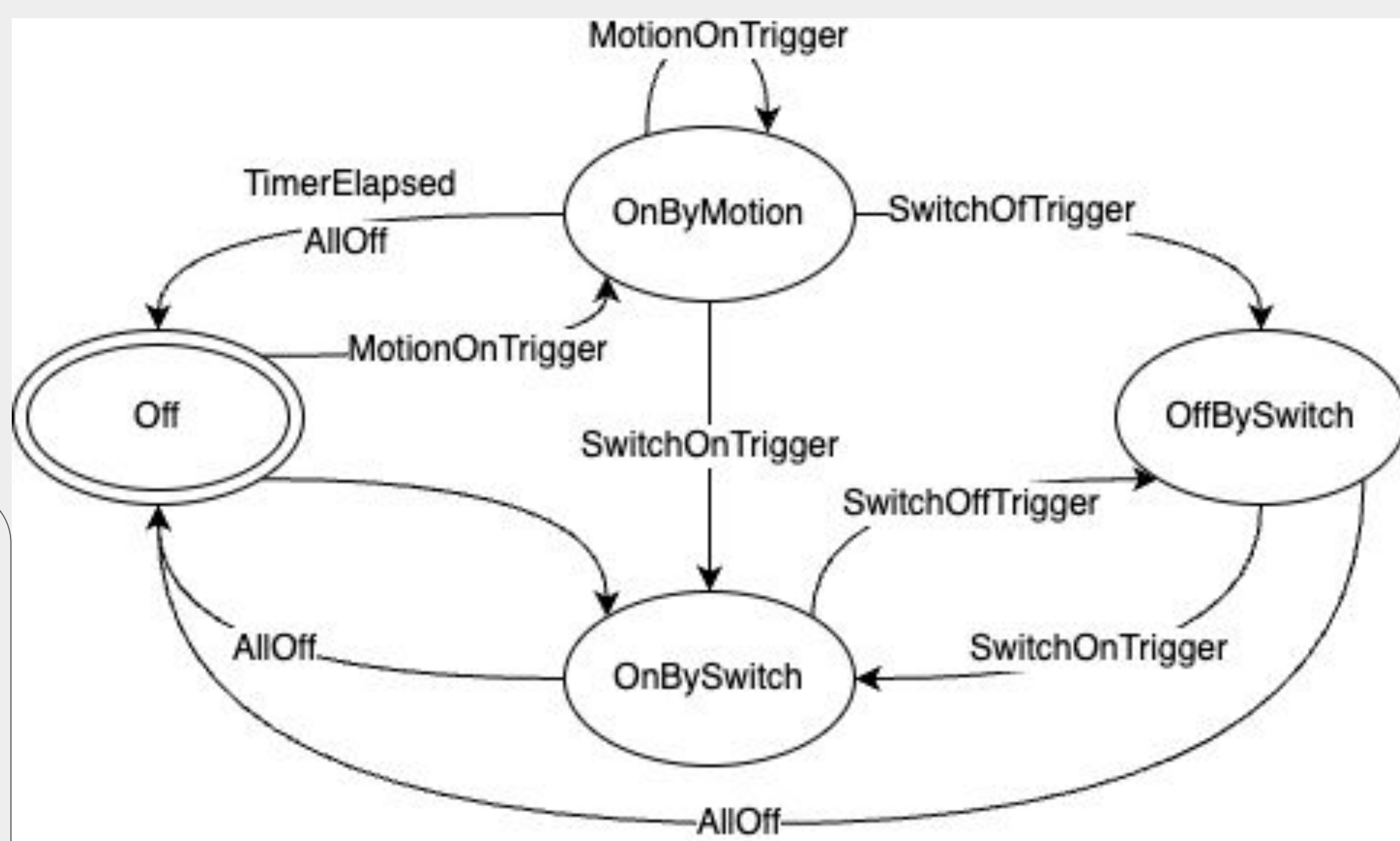


Figure 4: FSM for secondary light

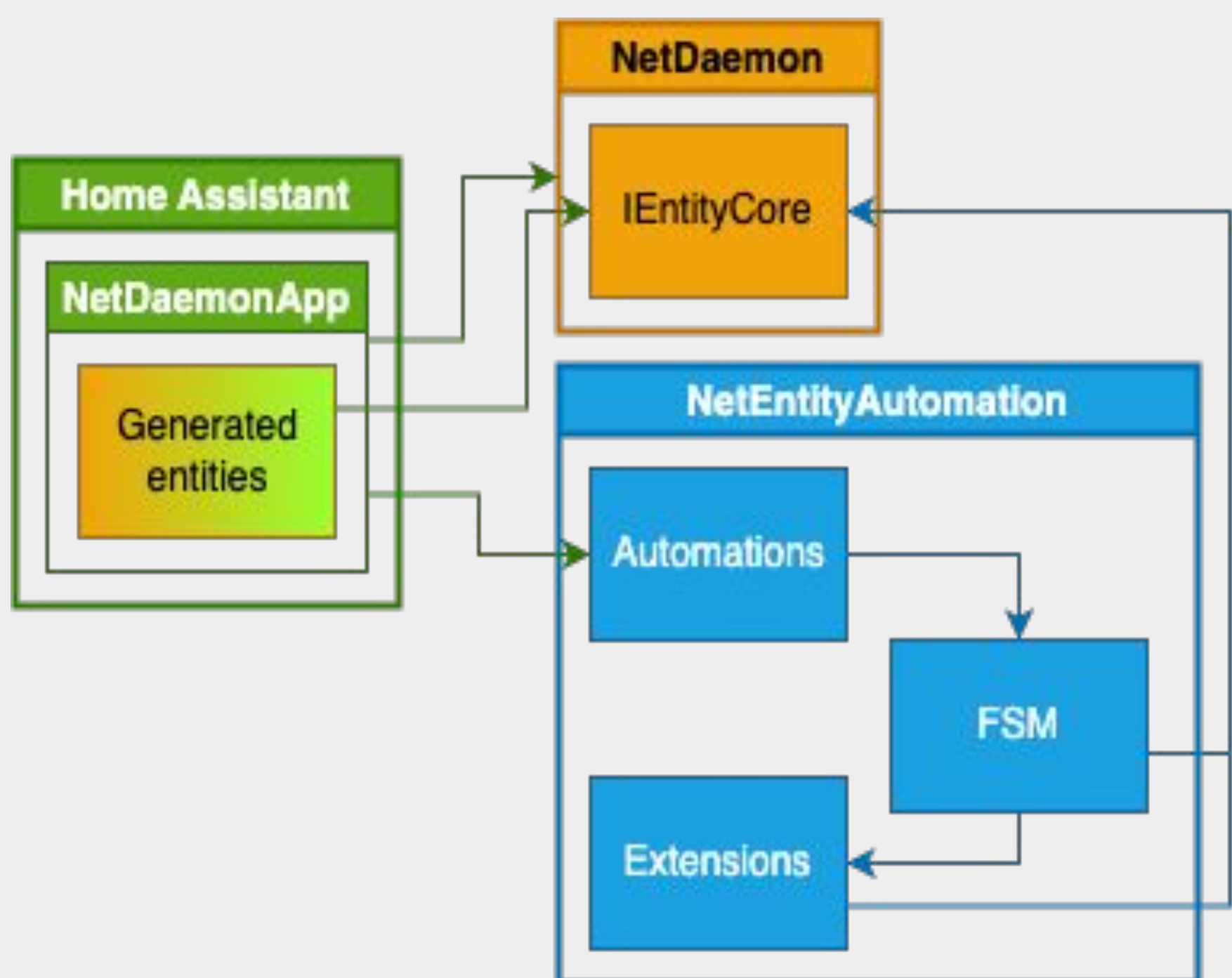


Figure 3: NEA dependency diagram

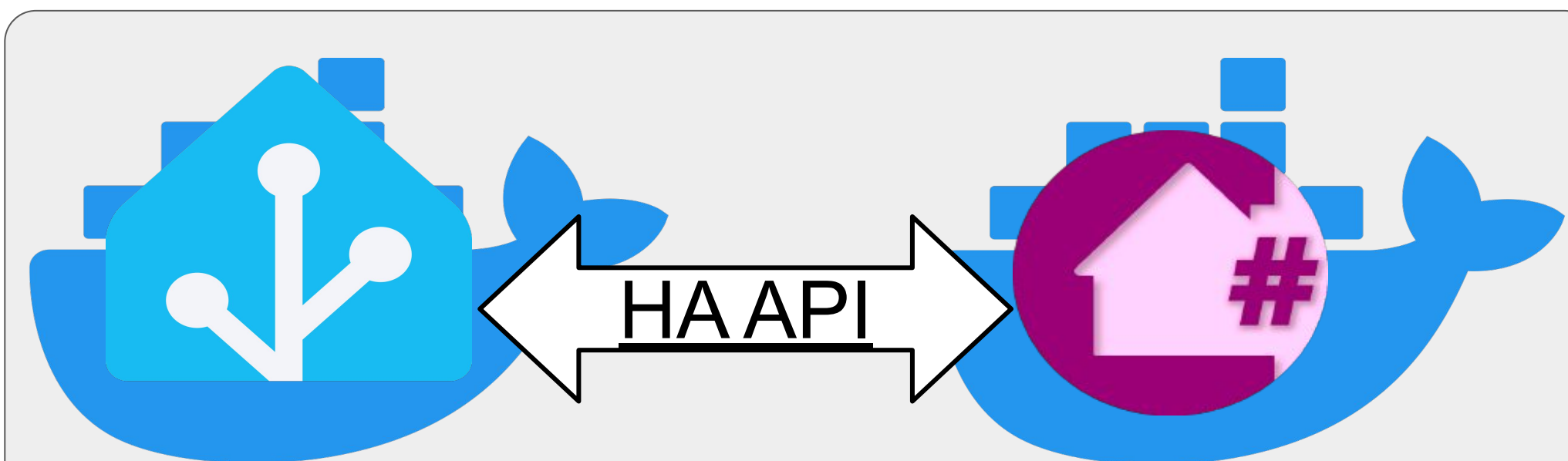


Figure 5: Deployment model