

Home Automation Recipes

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Light triggering

Turn on lights when motion is detected between sunset and sunrise

```
rule([[motion:breached & sunset..sunrise =>
  hallwayLight:on;
  log('Hallway light turned on due to motion')
]])
```

Turn on lights when motion is detected and fibaro global variable 'Vacation' is not true

```
rule([[motion:breached & !Vacation =>
  hallwayLight:on;
  log('Hallway light turned on due to motion')
]])
```

Turn on lights when scene activation event from switch

```
rule([[switch:scene = S1.double => -- double click
  hallwayLight:on;
  log('Double click switch, Hallway light turned on')
]])
```

Turn on lights when key 2 is pressed on remote control

```
rule([[remote:central.keyId == 2 =>
  hallwayLight:on;
  log('Remote key 2, Hallway light turned on')
]])
```

Light scheduling

Turn off all lights at midnight

```
rule([[@00:00 =>
  allLights:off;
  log('All lights turned off at midnight')
]])
```

Turn off all lights at 11 on weekdays and midnight on weekends

```
rule([[11:00 & wday('mon-thu') =>
  allLights:off;
  log('All lights turned off at 11:00')
]])
rule([[@00:00 & wday('fri-sun') =>
  allLights:off;
  log('All lights turned off at midnight')
]])
```

Security routines

Arm security system at night

```
rule([[@23:00 =>
  securitySystem:arm;
  log('Security system armed for the night')
]])
```

Disarm security system in the morning

```
rule([[@06:00 =>
    securitySystem:disarm;
    log('Security system disarmed for the day')
]])
```

Climate control

Turn on fan if temperature is high

```
rule([[temp:value > 28 =>
    fan:on;
    log('Fan turned on due to high temperature')
]])
```

Turn on fan if temperature is high for more than 5 min, and off when low for 5min

```
rule([[trueFor(00:05,temp:value > 28) =>
    fan:on;
    log('Fan turned on due to high temperature')
]])

rule([[trueFor(00:05,temp:value < 20) =>
    fan:off;
    log('Fan turned off due to low temperature')
]])
```

Notification examples

Send notification if door is left open for more than 5 minutes

```
rule("user = 456") -- Id of user that should be pushed to
rule([[trueFor(00:05,door:open) =>
    user:msg = log('Door open for %s minutes',5*again(10))
]])
```

Notification on last Monday in week

```
rule([[@18:00 & day('lastw-last') & wday('mon') =>
    user:msg = log('Last Monday in week, put out the trash')
]])
```