

Skript ausführen (RestAPI curl POST)

auf openhab server:

/home/openhabian/tb-temp.sh

```
#!/bin/bash

#while :
#do
#  cpuUsage=$(top -bn1 | awk '/Cpu/ { print $2}')
#  memUsage=$(free -m | awk '/Mem/{print $3}')
#  sleep 10
#done

key01=$1
value01=$2
echo 'Starte Thingsboard POST Request mit: '$key01' und '$value01

curl -v -X POST -d "{\"$key01\": $value01}"
https://thingsboard.cloud/api/v1/EYDyfp3Ep14qyFuluIZM/telemetry --header "Content-
Type:application/json"
```

in openhab rules:

e3dc-to-thingsboard.rules

```
rule "Sende PV-Anlagedaten Hausverbrauch an Thingsboard"
when
  Item E3DC_Haus changed
then
  logInfo("Thingsboard", "Sende Power House")
  executeCommandLine("/home/openhabian/tb-
temp.sh@@Power_House_W@"+E3DC_Haus.state.toString, 2*1000)
```

```
end

rule "Sende PV-Anlagedaten minütlich an Thingsboard"
when
    Time cron "0 * * * * ?" //jede Minute (wenn Sekunden = 0)
then
    logInfo("Thingsboard","Sende minütlich")
    executeCommandLine("/home/openhabian/tb-temp.sh@@Power_Grid_W@"+E3DC_Netz.state.toString,
2*1000)
    executeCommandLine("/home/openhabian/tb-temp.sh@@Power_PV_W@"+E3DC_PV.state.toString,
2*1000)
    executeCommandLine("/home/openhabian/tb-
temp.sh@@Power_Battery_W@"+E3DC_Battery.state.toString, 2*1000)
    executeCommandLine("/home/openhabian/tb-
temp.sh@@SOC_Battery_Perc@"+E3DC_SOC.state.toString, 2*1000)
    executeCommandLine("/home/openhabian/tb-temp.sh@@Power_PV-String-
East_W@"+E3DC_Power_String1.state.toString, 2*1000)
    executeCommandLine("/home/openhabian/tb-temp.sh@@Power_PV-String-
West_W@"+E3DC_Power_String2.state.toString, 2*1000)
end
```

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