

(macht even "reinventing the wheel"- Eindruck...

## SH THING



- Dampe :: Thing
  - -> Kind: Lamp
  - -> Status: ON lOFF
  - -> Value: 3 < T>
  - Actions: ...

\_ Unter scheiden zuischen Read-only Flurgs (sensoren) und actionable ("steverbarer") Things. (5): Room Sensor :: Thinky

- Kild: Sensor

- Status of Thems

+ Walke - Humidity Sensor

- Status: ONIDFF

-> Value: <T>

- Temp. Sensor

- Status: ON/OFF

-> Value: <T>

-> Status: ON/OPF

## Proof of Concept Scenario

- . Lampe in Buro (Smarte Lampe oder smarter Stedert "dunne" Lampe)
- · Mess station an Arbitaplata
- -> Lampe randomisiet for 15/20 Minuten In- 2 Minuten, alle 15/30 Minuten au-/ausschalter.
- -> Helligkeit (en) wessen

Jenser: {time: 2023-66-09 12:00:00, => } Hub:> Lompur stemmag

brightness: X

-> Logged Langen Shaleng

sundet on APi

Trainingsdaten

im port Hirs day? els Json 1. Liste mit Ronnen + Justen (14kl. IDs) 2. Hierdrohy von Brishen Zonen/Remmen inkl. enthaltener geste 2. { root:[ 1. { rooms : [ Nome, "Kitchen" Wix sight Format dis, was mon la Lampe OSen SH APIS bekommt? DD: 602, 201 -> Open HAB REST API were: "Linky Room" Abbrege aller Things" & "Ilens" devices:[ ID: 101, name: "Lampe Ofen", type: lamp/RGB3)3

Mod D-SH ARi Pred Malel lean/trah Dankernen connect SH seth ader is OK Set Produced Digothe SH works reg State() (2) colc Donate Sequence () forward Control Seg (7 And ob GI NO

API

. Model (got. 425 hode geleint/was it highin) data Result may be -> Input rektor? -> We stemen? Traintown? . Colce Sinput rector
. Colce Stesult
. Wir sicht SH aus? Was for Utils sind workanden? Timen ) in Datenstruktur speichern, da wonahe

Timen ) Stewing nöglich sem soll -> simpler Forward am SHAP; 4) Unterscheidung zuschen "normalem" Command und pred. - tintostitzen Command). -> Stevereleinte dus /con SH Ap; (?) - Ankuit plen au Stali Ver Interation (Bife ken Nebdur...) → REST Api (?) -> Spring? -> Ui (?) -> Web! - Java Wit REST Apri KEINE ANT ANZEIGE DES AKTUELLEN SH-STATUS? -> WANN REFRESHEN?

Prediction Model

(realer) (Select (): Status Rosult

Feed Data (...): Status Result, Status

Train (am): Status Openic (Result, Status

Predict (...) \* Contol Sequence (?), Status Status

Wir & Elemente d. Fred Models cut Stl-Duices Rooms

whin pfon? - Mapping?

() Stl-Device: ID

-) Output ion Pred. beinhaltet ID(s) genzept werden

