

MARCH 7, 2017, SHENZHEN JUG

AN INTRODUCTION TO



**Kai Kreuzer, Deutsche Telekom AG
Eclipse SmartHome Project Lead**



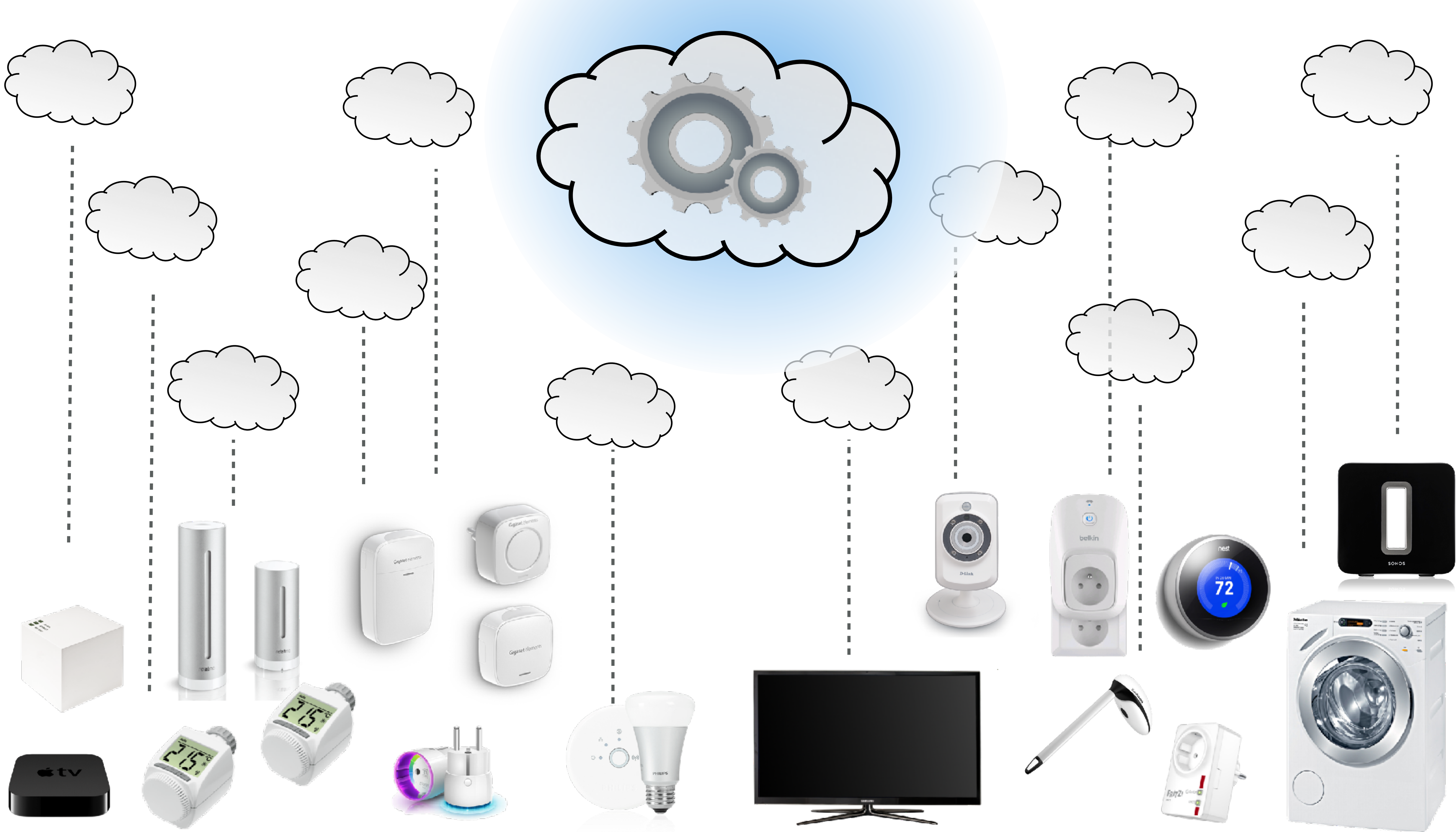
HOME AUTOMATION FOR BEGINNERS











There is NO CLOUD, just



other people's computers

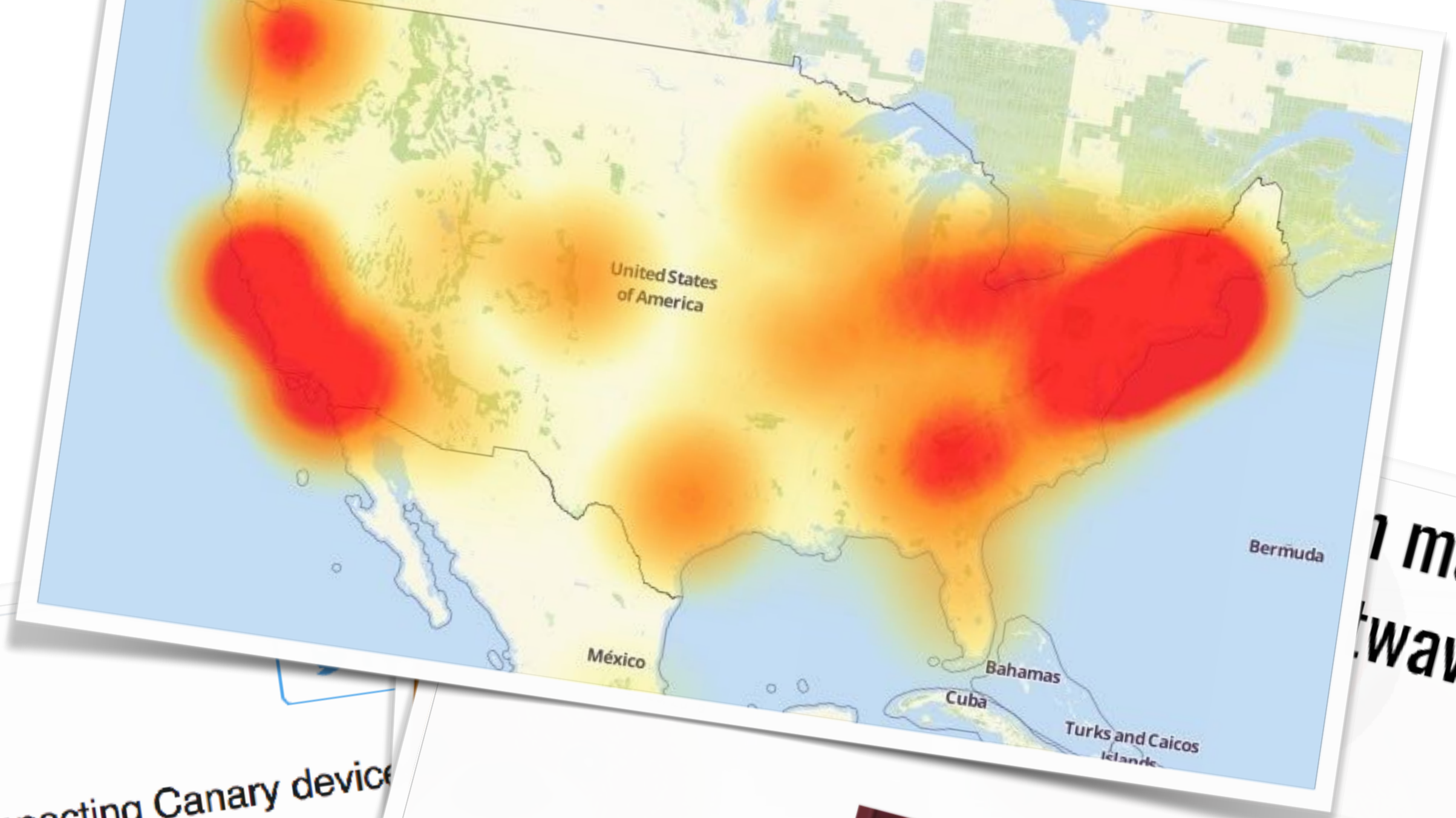
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Smart home tech is really useless when the internet stops working

914 SHARES

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1 massive wave

 **canarysupport**
@canarysupport

Amazon Web Service issues are impacting Canary devices and the Canary app—hoping for a resolution soon.

8:01 PM - 28 Feb 2017

11 12



#GOOGLE #NEST HOME AUTOMATION

 **Stuart Thomas**
@stuarthomas

Mmm. Can't turn some of my lights on at home cos @IFTTT is down. Welcome to the future! @internetofshit

7:14 PM - 28 Feb 2017

960 959

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THE INTERNET OF HACKABLE THINGS

Internet of Things Teddy Bear Leaked 2 Million Parent and Kids Message Recordings

There's no place like

127.0.0.1



INTRANET OF THINGS





INTRANET OF THINGS



**DON'T
CALL
US!**



**WE
CALL
YOU!**



OPEN SOURCE, MODULAR,
RUNS ON ANY PLATFORM

INDEPENDENT



SHARED TOOLS & SERVICES.

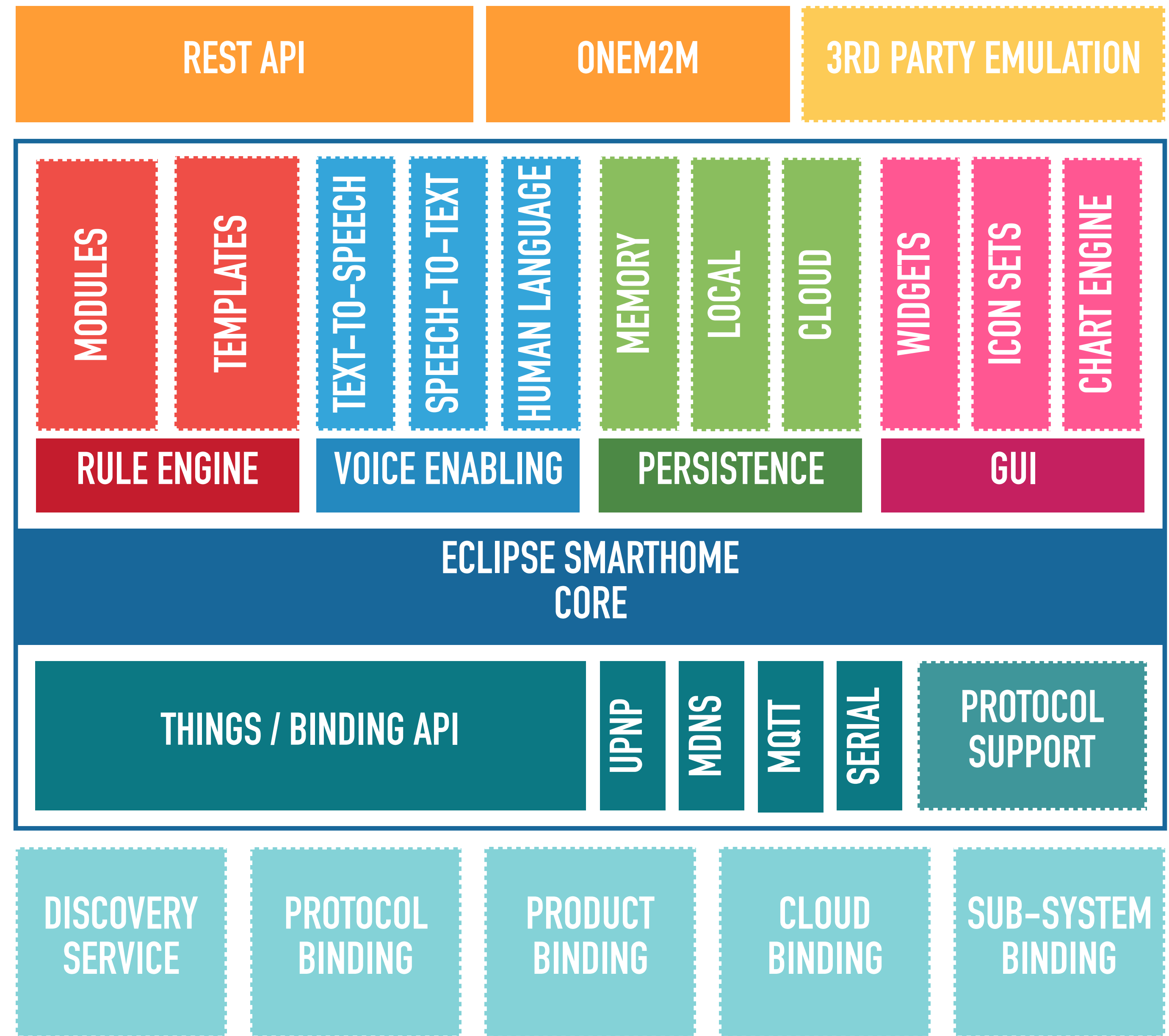
DISCOVERY,
SETUP &
CONFIGURATION

RULE ENGINE,
AUTOMATION

DATA HANDLING,
REST API,
PERSISTENCE

USER INTERFACES
VOICE ENABLING

ARCHITECTURE



 Extension Points

 **eclipse**
smarthome

SOLUTIONS



Magenta SmartHome



QIVICON



JUNG



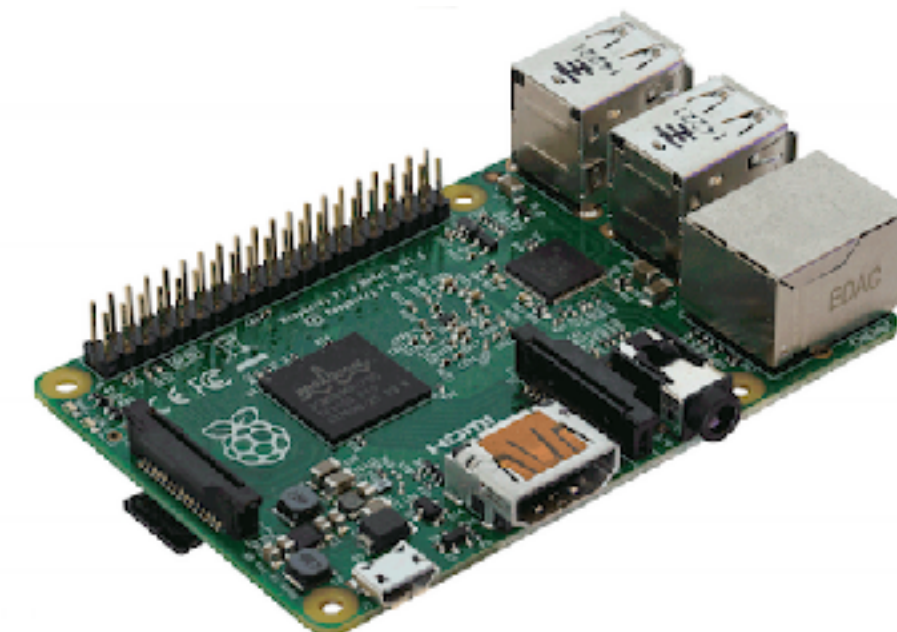
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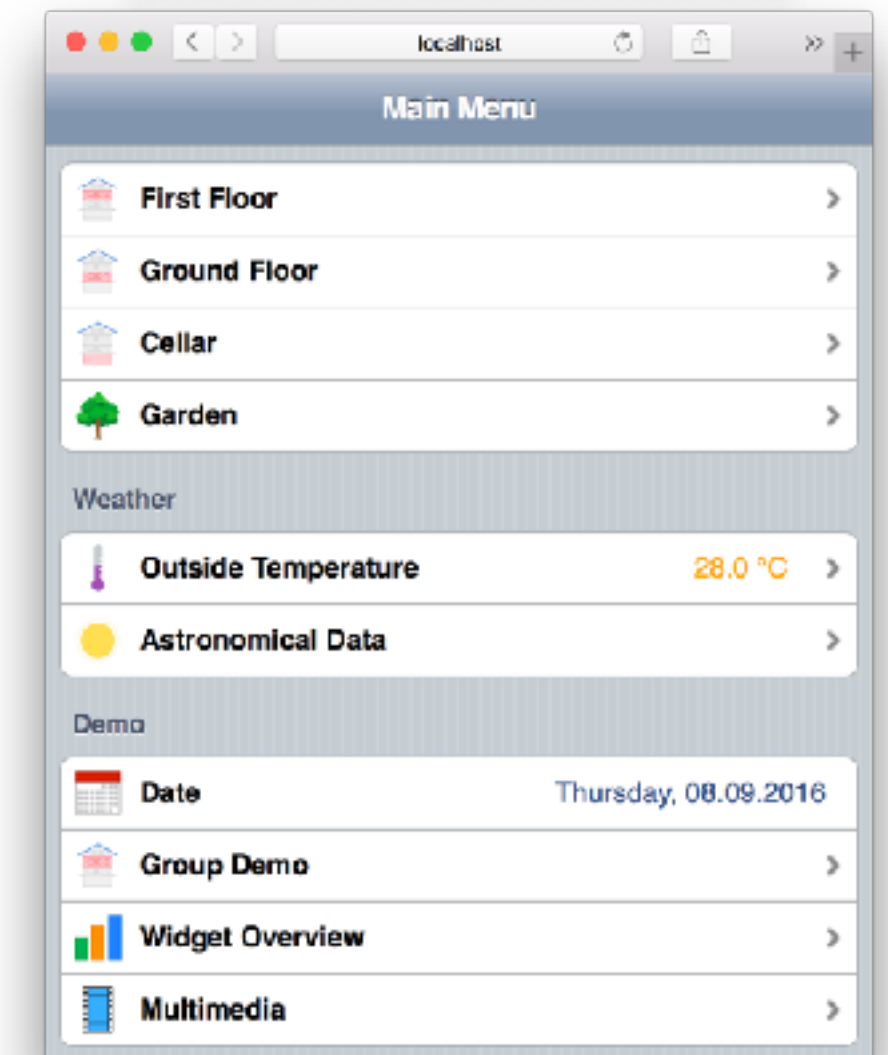
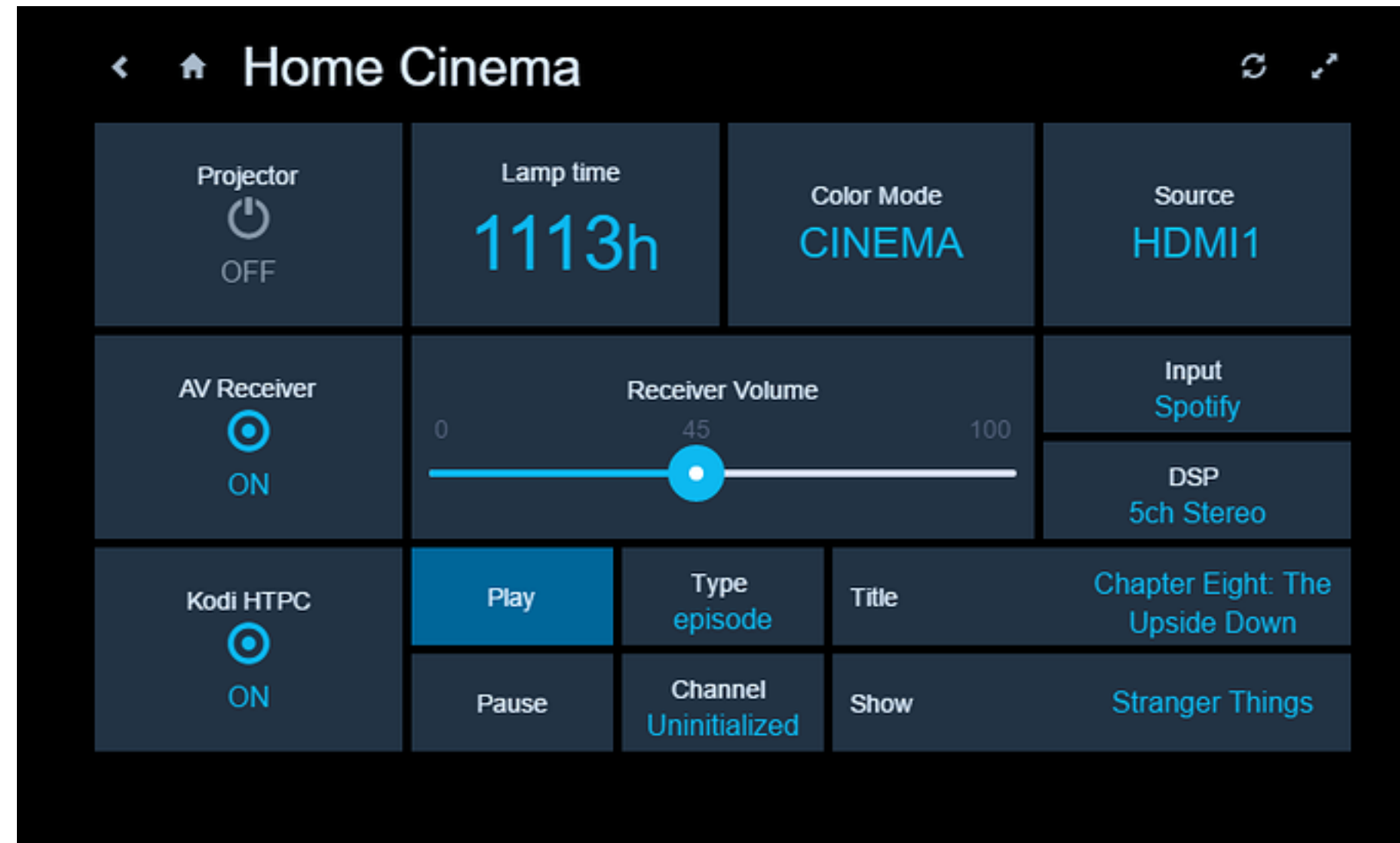
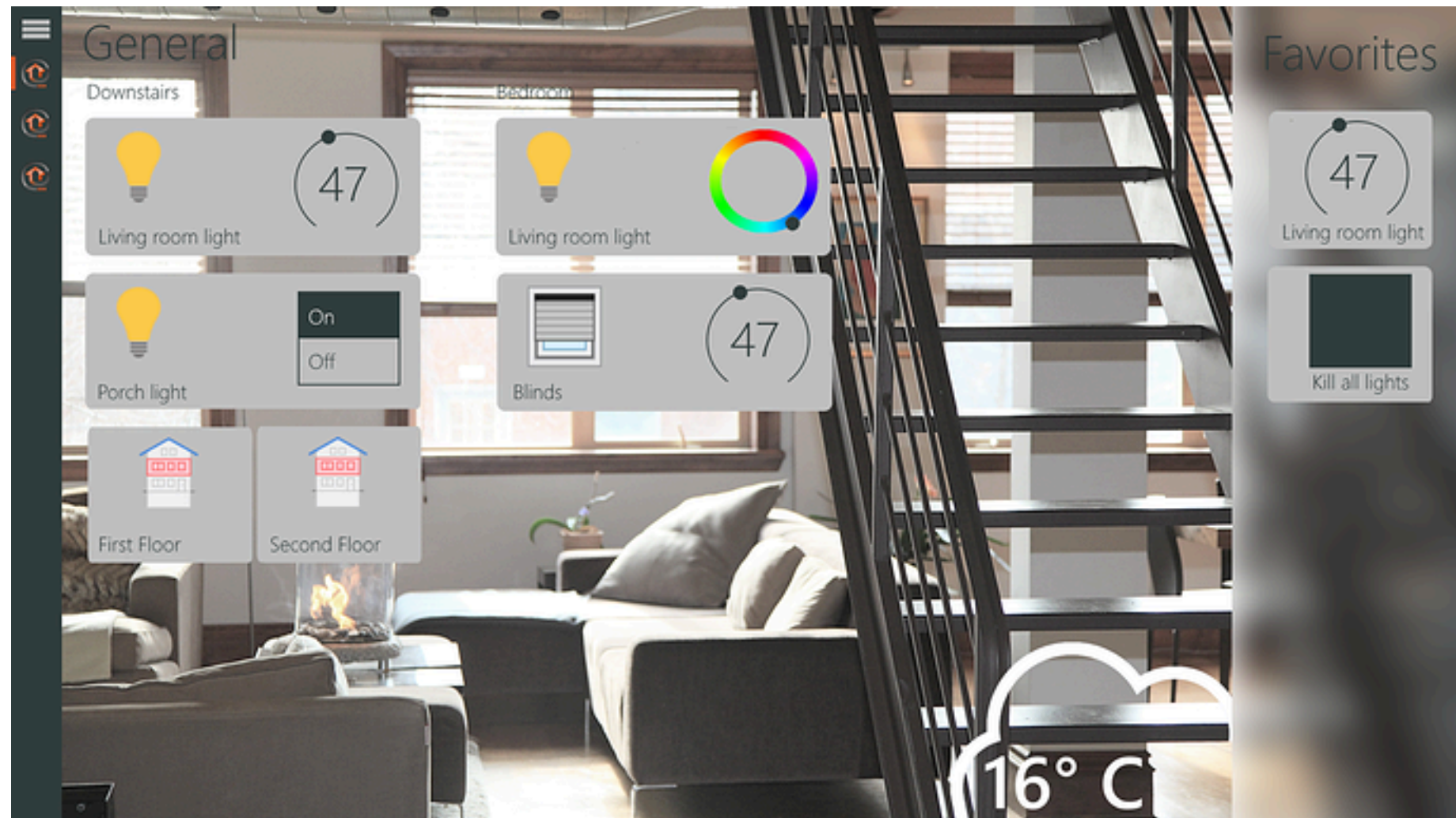
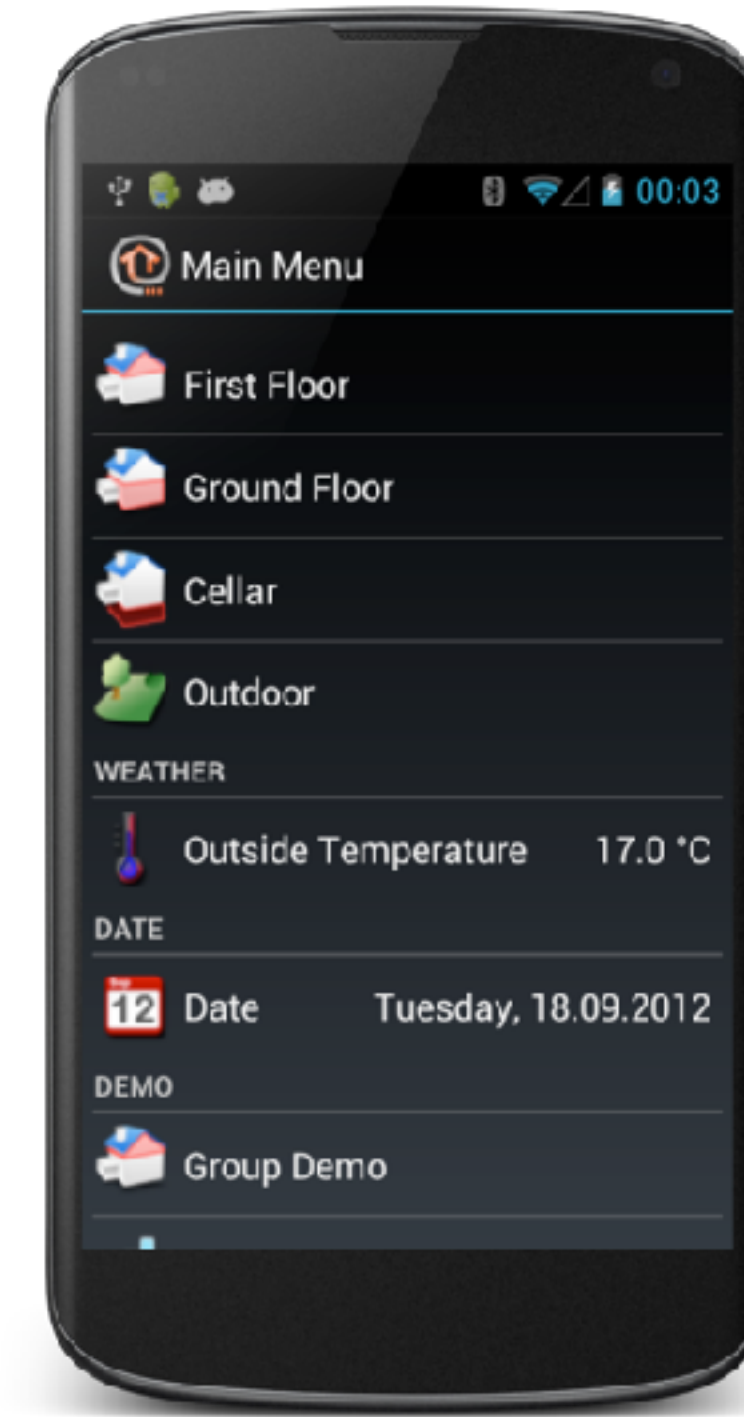
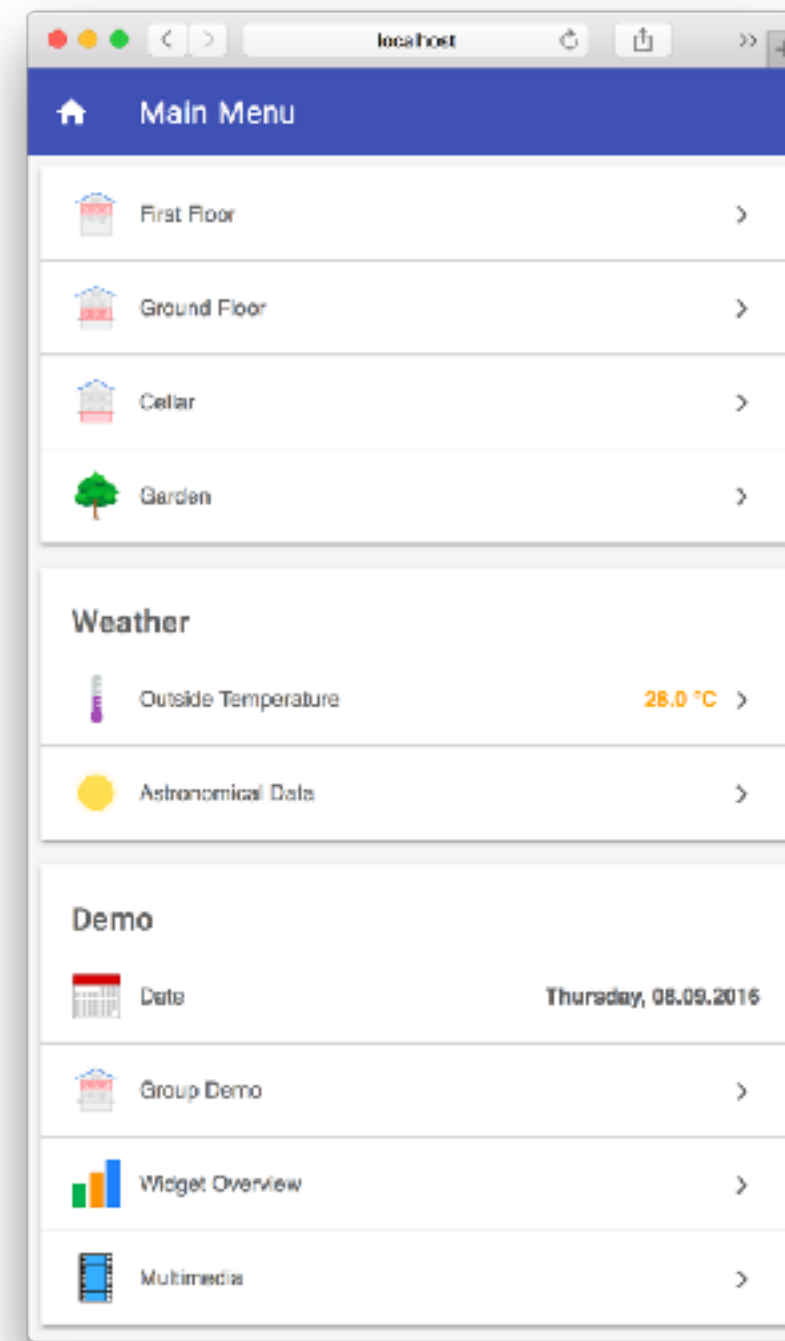
 **OpenHAB**
empowering the smart home



INTEGRATION

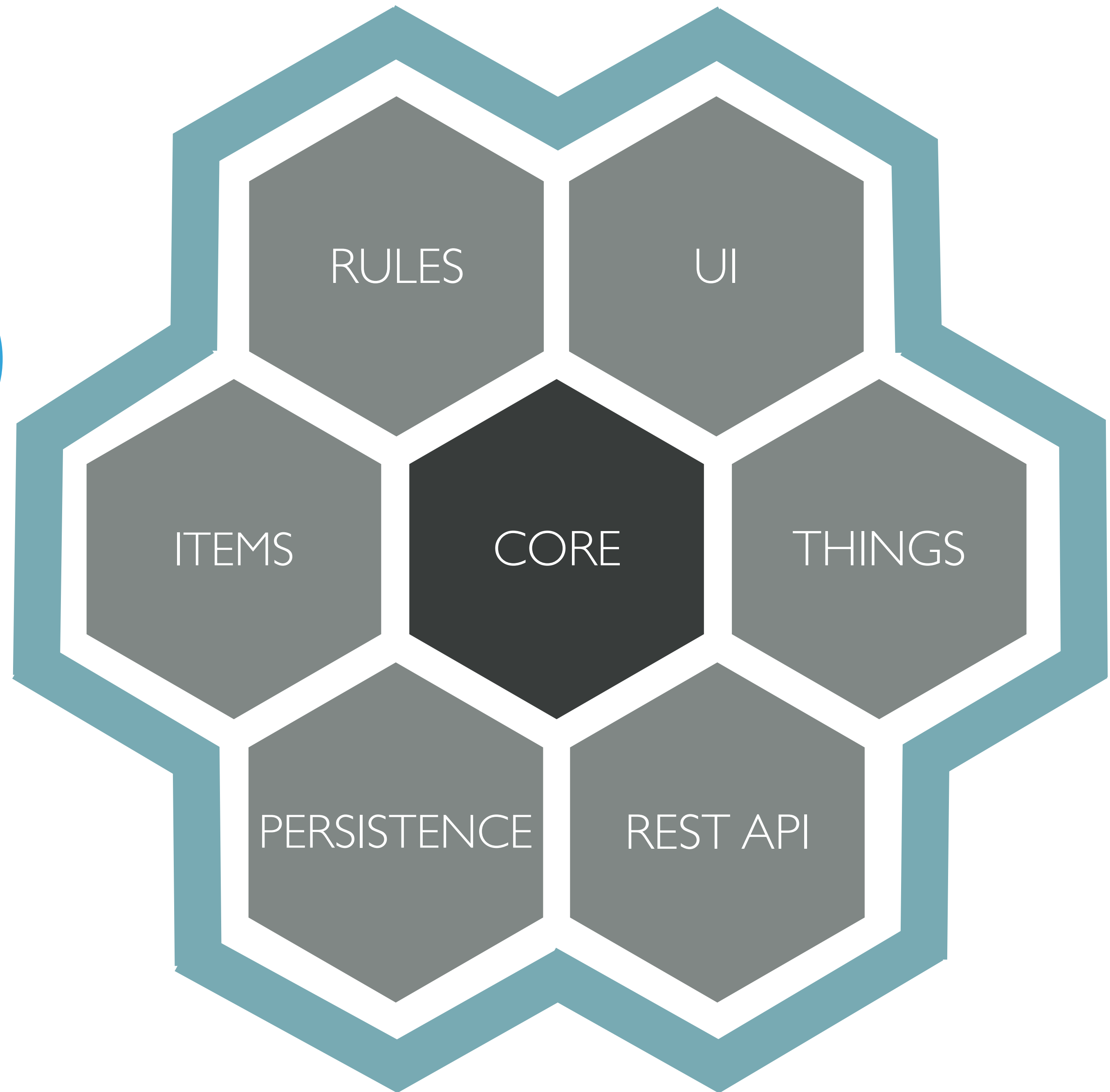


USER INTERFACES



DEMO

TIME!



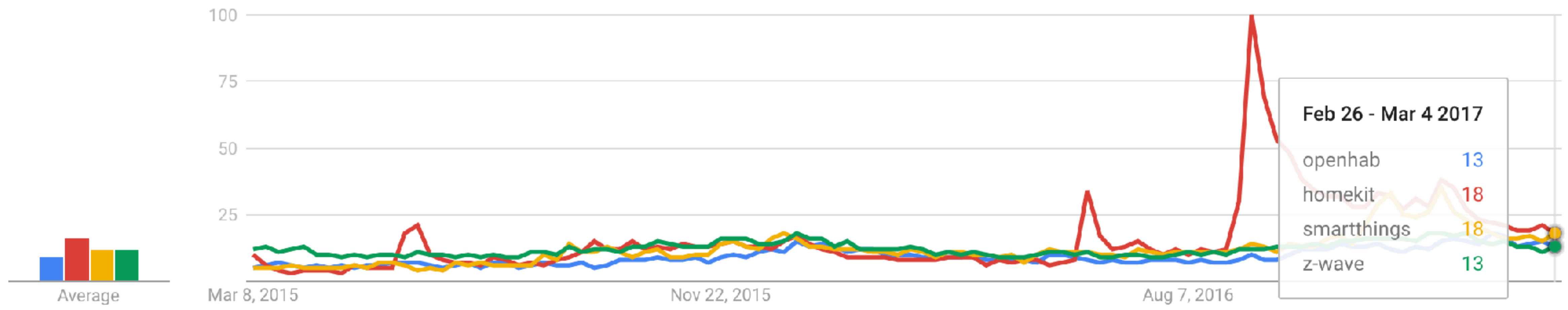
OPENHAB STATISTICS

- ▶ ~ 500 Contributors
- ▶ > 100k Users
- ▶ ~ 2000 Downloads / Day
- ▶ ~ 10k Posts / Month

● **openhhab** Search term ● **homekit** Search term ● **smarththings** Search term ● **z-wave** Search term +

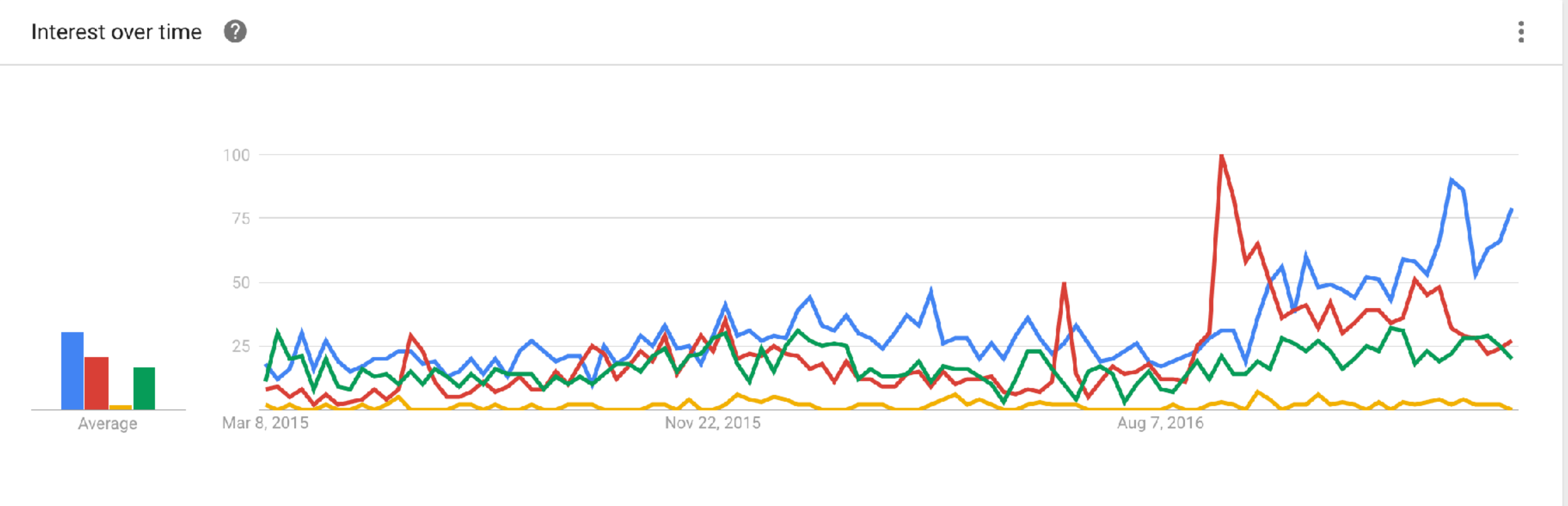
Worldwide 3/3/15 - 3/2/17 Computers & Electronics Web Search

Interest over time ?



● openhab Search term	● homekit Search term	● smarthings Search term	● z-wave Search term	+
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Germany ▼ 3/3/15 - 3/2/17 ▼ Computers & Electronics ▼ Web Search ▼





THANK YOU!

谢谢



 @smarthome



 @qivicondev



 @openHAB

Kai Kreuzer, Deutsche Telekom AG