

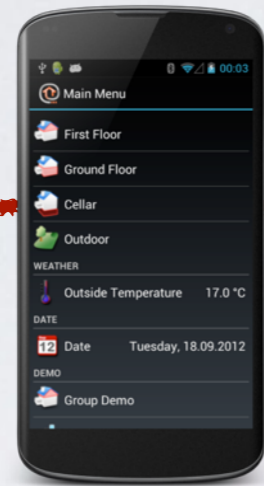
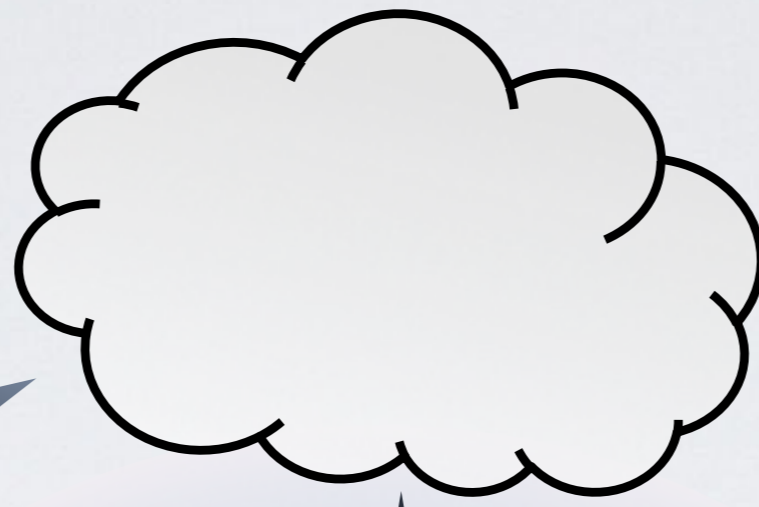
Smart Home Development Made Easy

Kai Kreuzer, Deutsche Telekom AG
Jfokus IoT 2015, February 2-4









INTRANET OF THINGS

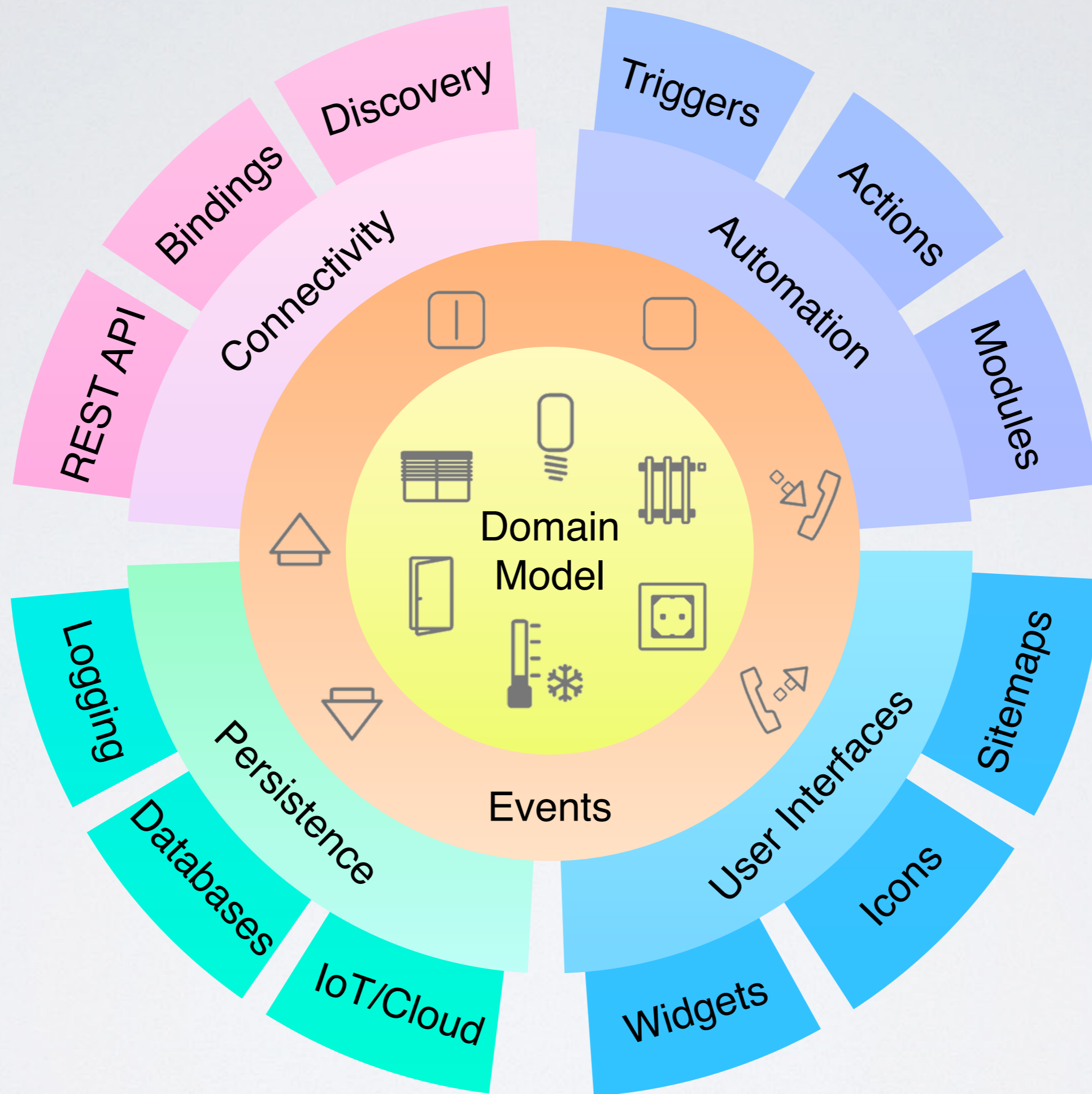




OSGi Container

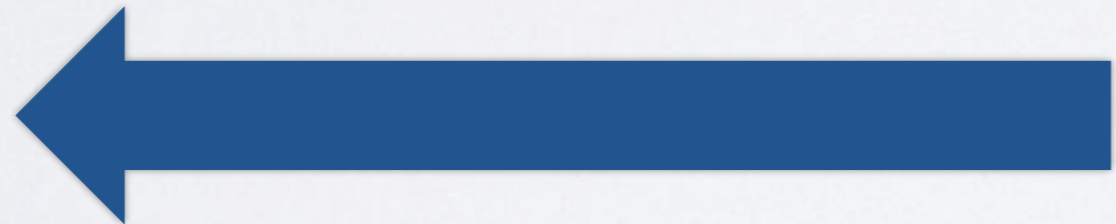
JVM

OS



ITEMS BASIC BUILDING BLOCKS

COMMANDS



STATUS UPDATES



VIRTUAL

USER INTERFACES

AUTOMATION RULES

PERSISTENCE



EVENTS

PHYSICAL

LIFX BINDING

SAMSUNG BINDING

SONOS BINDING

WEMO BINDING

...



netatmo



INSTEON®



TCP/UDP



TCP/UDP



Koubachi



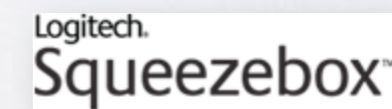
EPSON®



MiLight



Bluetooth®



OpenPaths

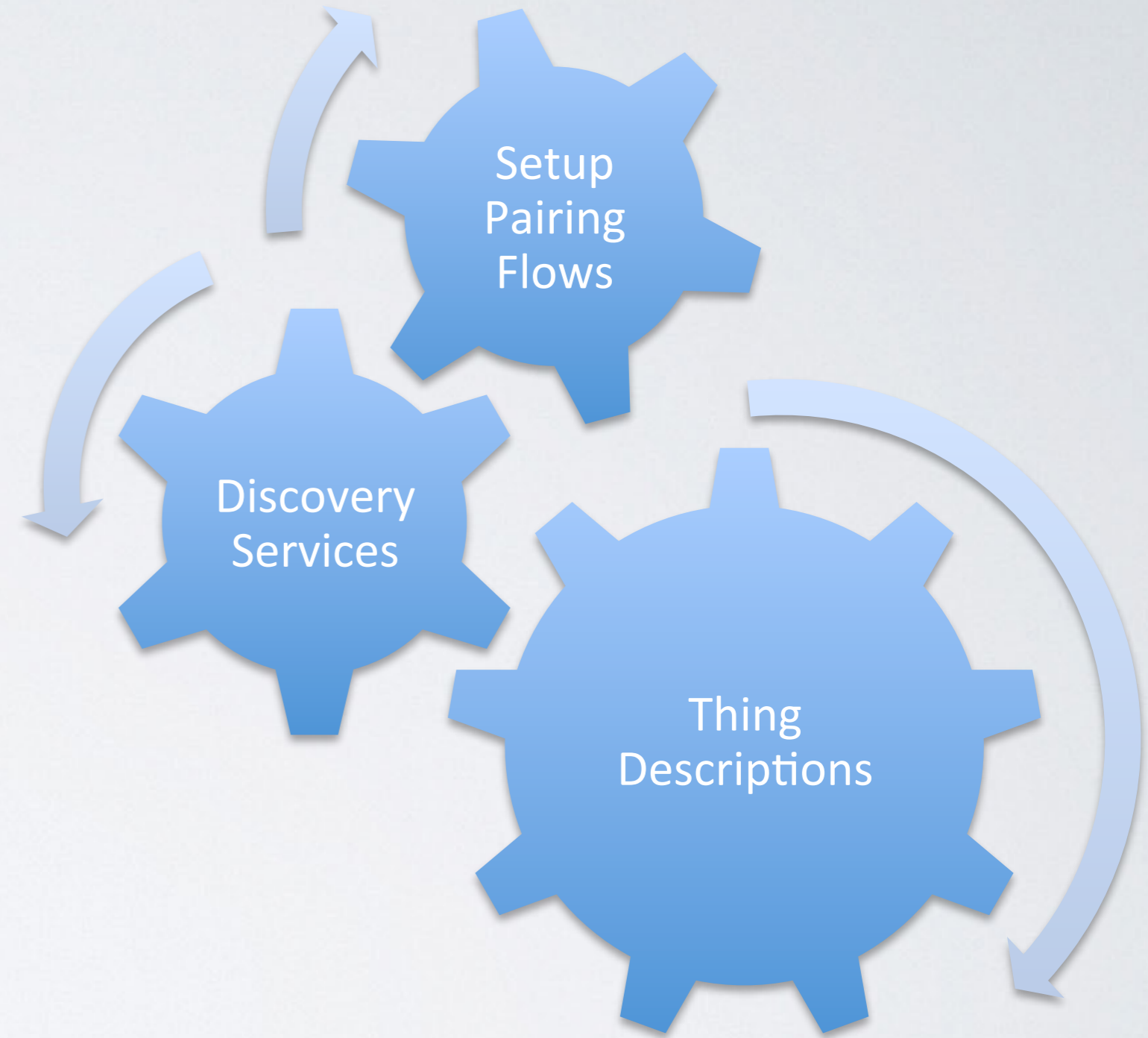
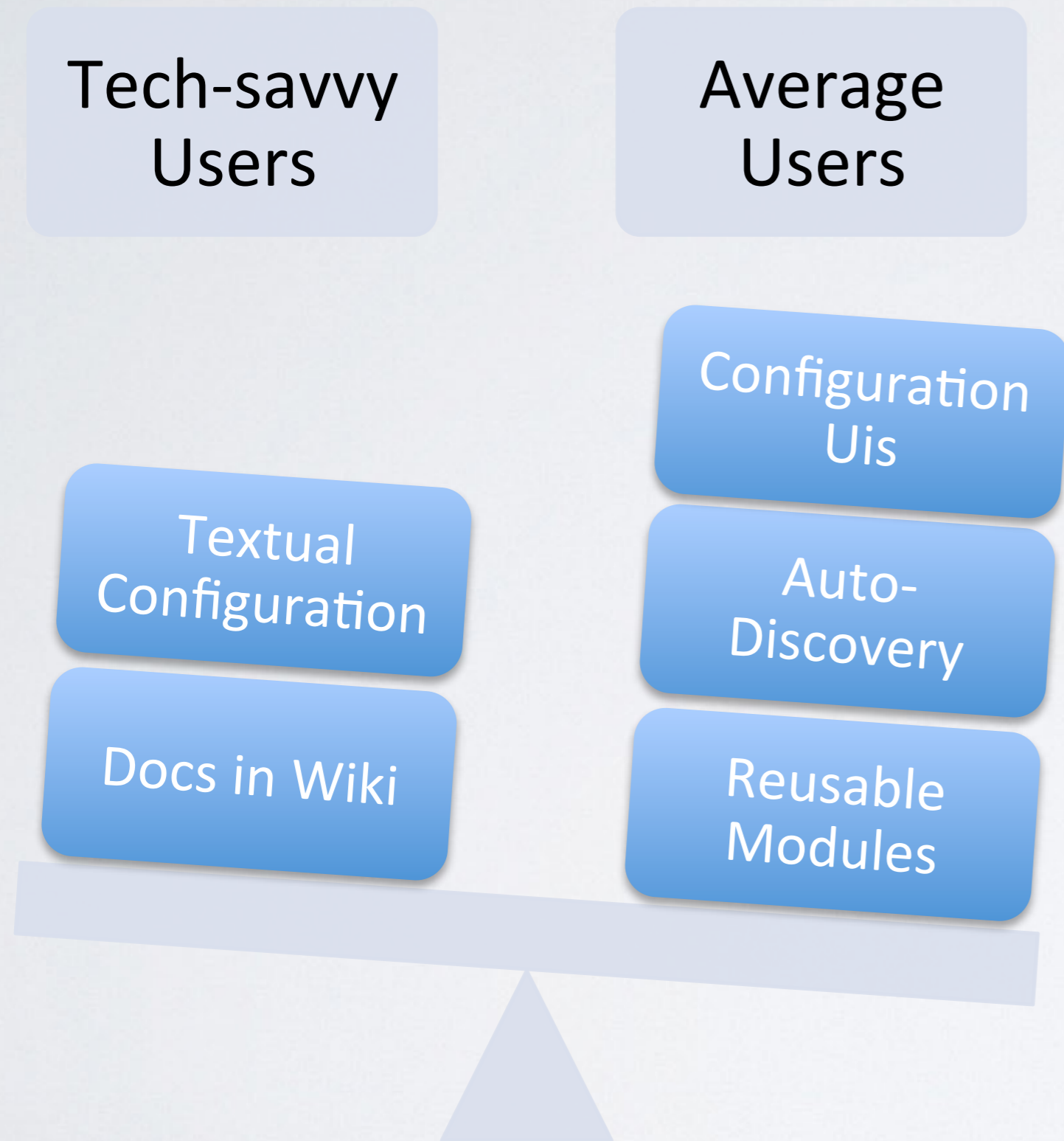
TEXTUAL CONFIGURATION

The syntax for the KNX binding configuration string is explained here:

```
knx=" [<[ (<autoRefresh>)] ] [<dptId>:]<mainGA>[[+ [ ]]]<listeningGA>]+  
  [<[ (<autoRefresh>)] ]<listeningGA>.. ],  
  [<[ (<autoRefresh>)] ] [<dptId>:]<mainGA>[[+[ ]]]<listeningGA>]+  
  [<[ (<autoRefresh>)] ]<listeningGA>.. ]"
```

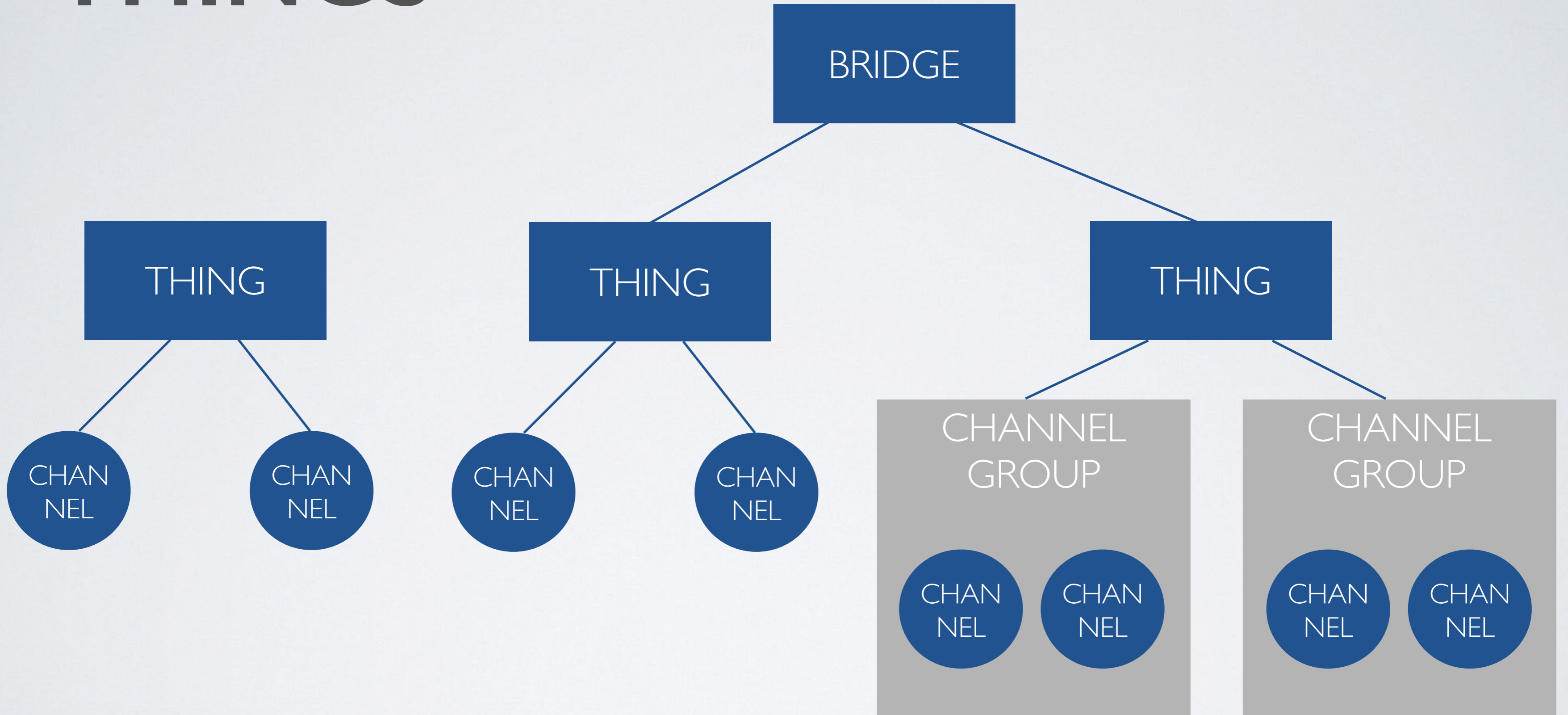
where parts in brackets `[]` signify an optional information.

MASS MARKET FOCUS



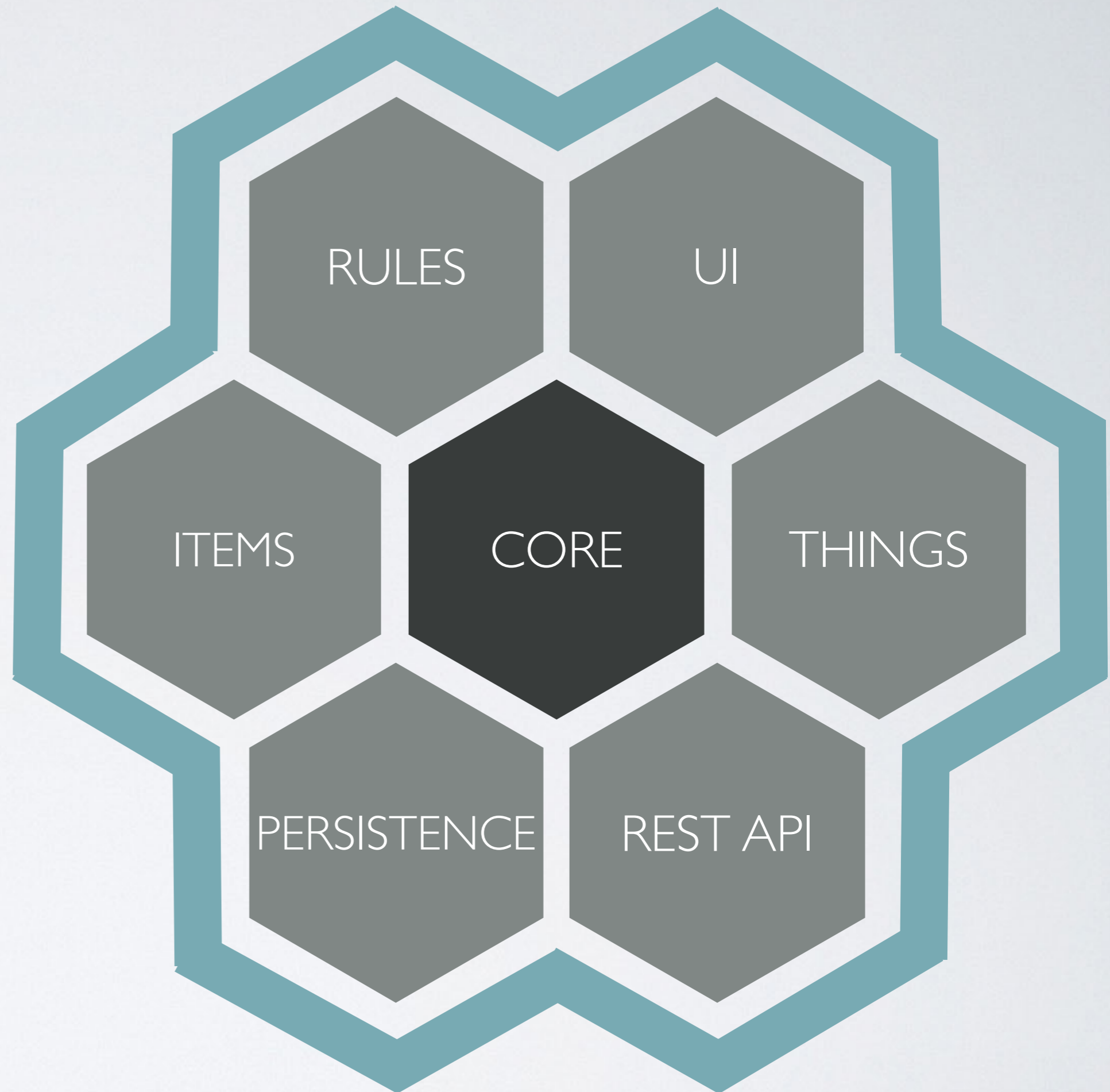
New Binding Concepts

THINGS



DEMO

TIME!



THANK YOU!

Kai Kreuzer

 @kaikreuzer



 @openHAB



 @smarthome



 @qivicondev

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