

# Bringing Context to the Internet of Things

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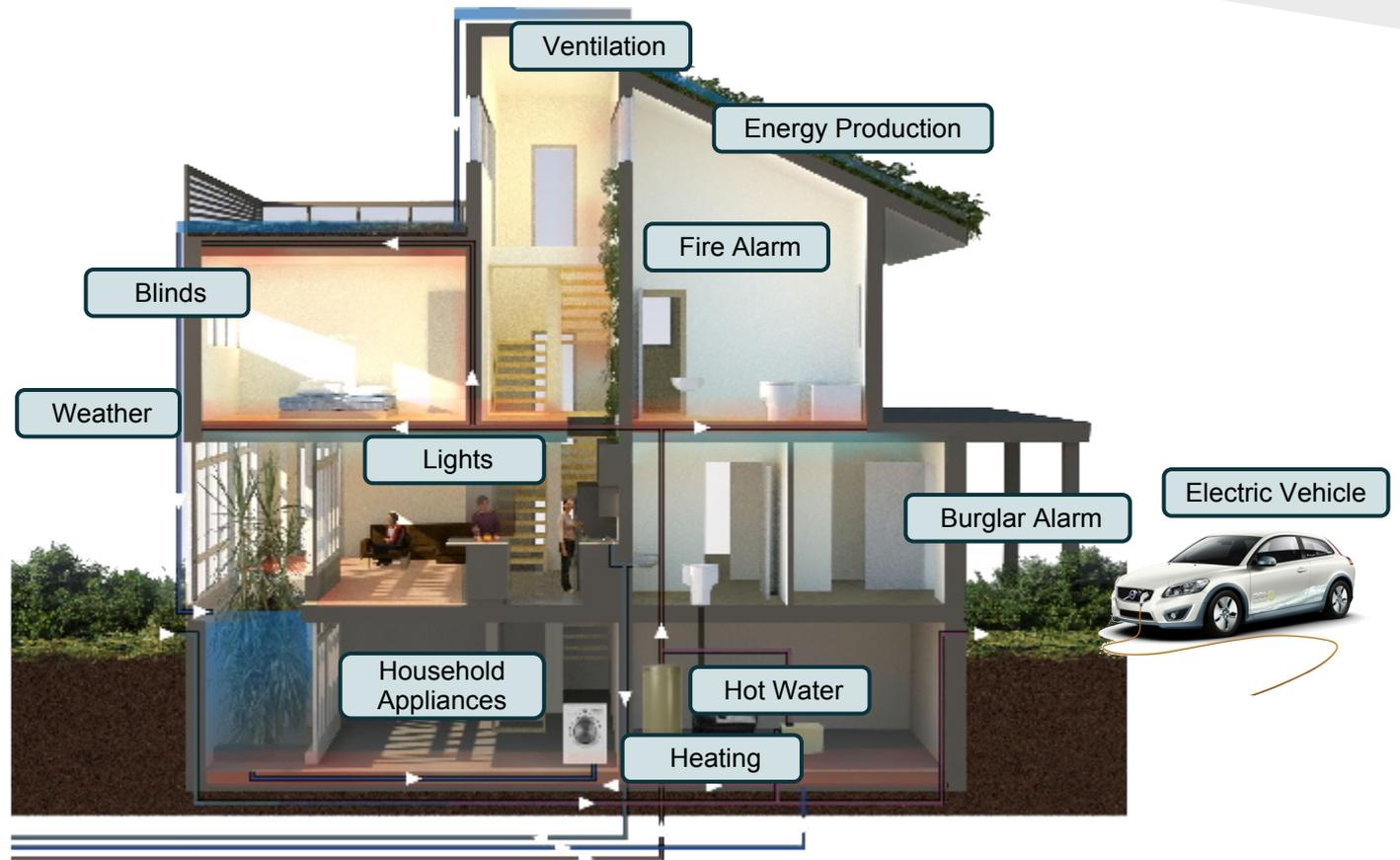
# IoT in (Future) Homes

Weather Predictions

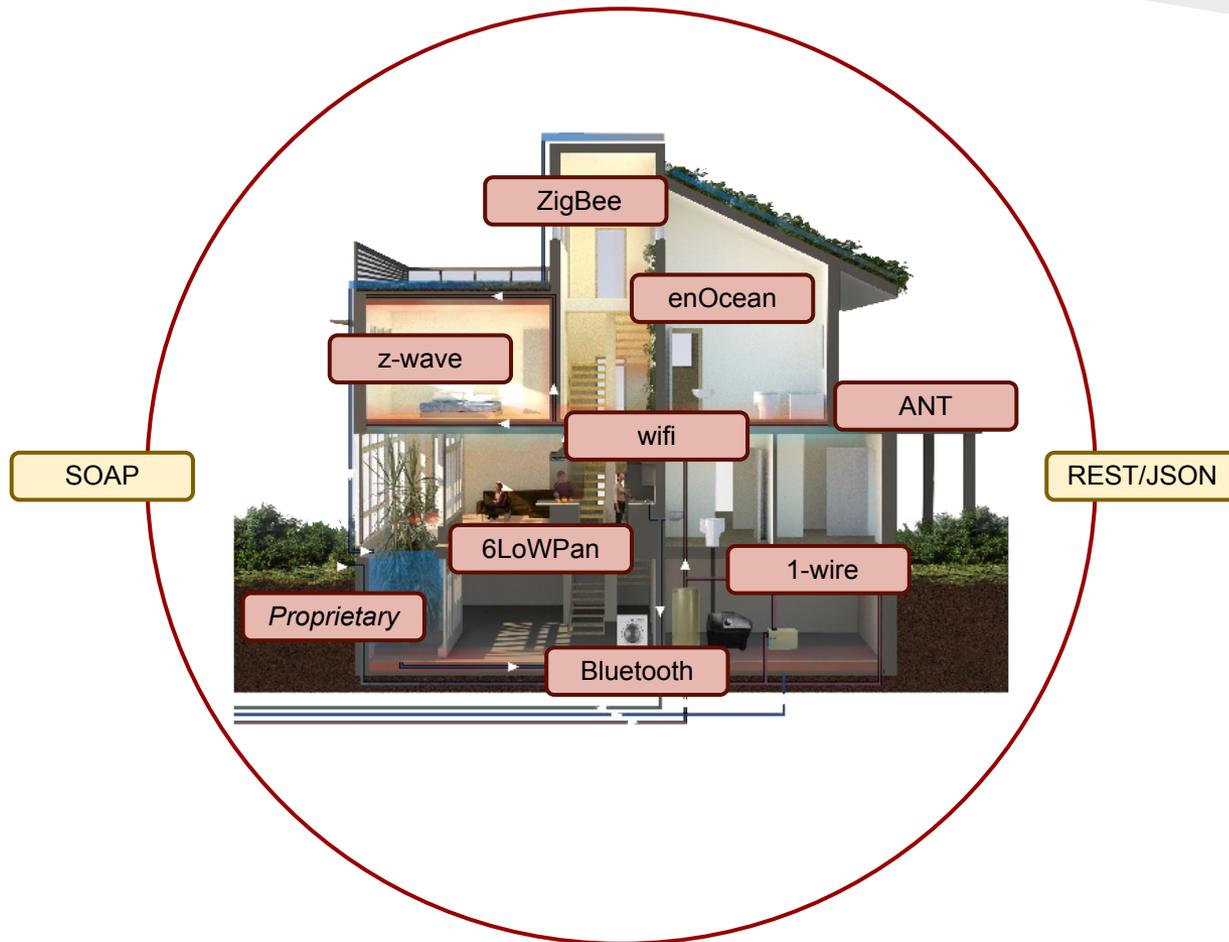
Energy Tariffs

Usage Predictions

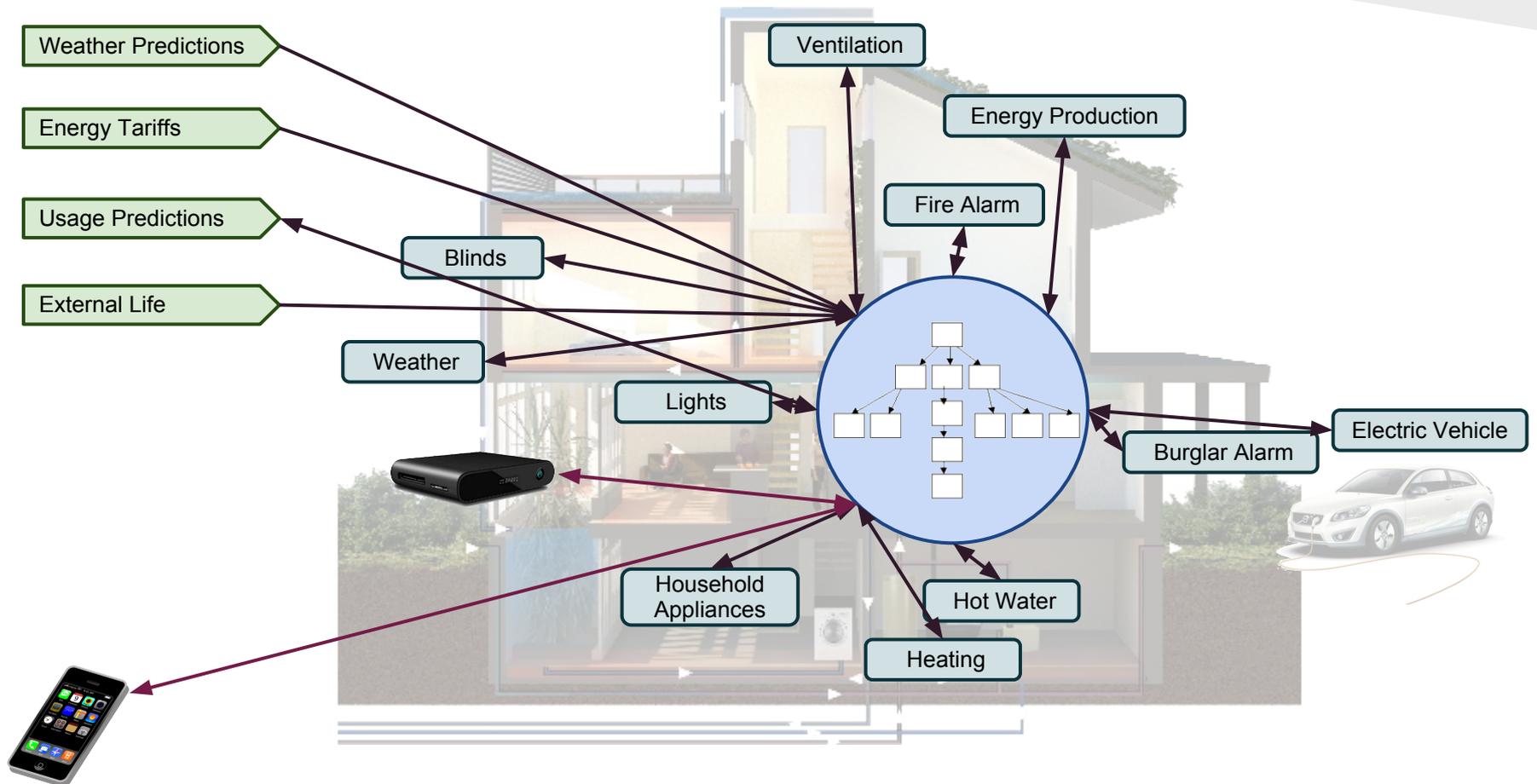
External Life



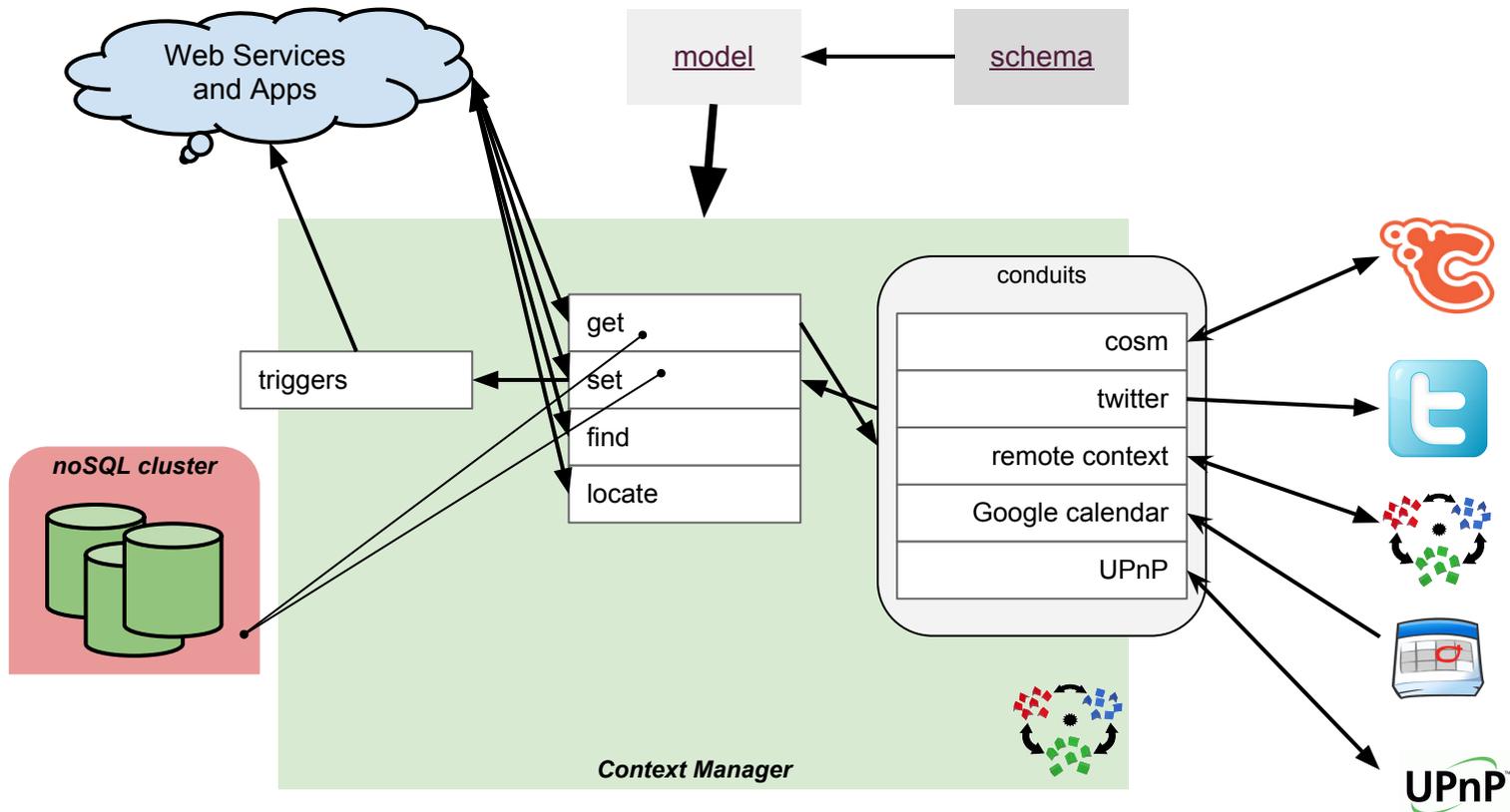
# IoT Communication Tech.



# Goals



# Context Manager



# Heating & (inner) climate



wunderground.com

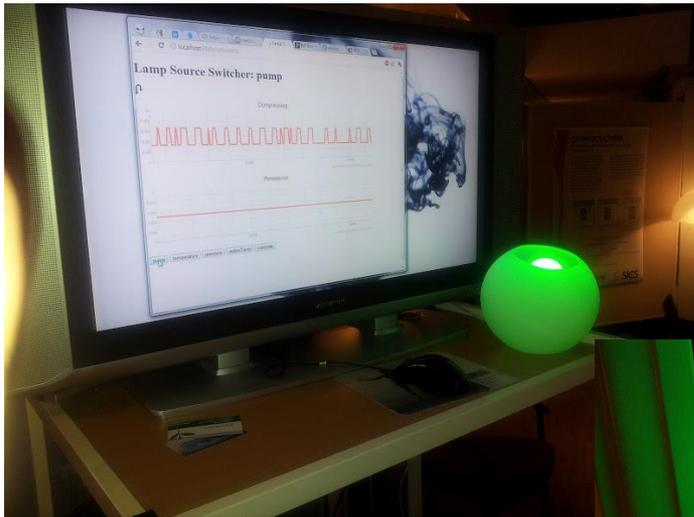
# Electricity & Energy



nordpool  
spot



# Ambient Interfaces



# Paris Demo

**cosm**<sup>TM</sup>



# Open Source



<http://code.google.com/p/efr-tools/>

- Embeddable Web Server
  - REST
  - WebSockets
- WebSockets
- UPnP
- Tcl event library
- Web aware application startup framework
- "make" system, incl. binaries
- Templating system
- Tk-style 8.4 object support

# 7.6-8.6=15 yrs of Tcl'ing



1997



2003



2004



2005



2006



2007



2010

## Thank You!

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