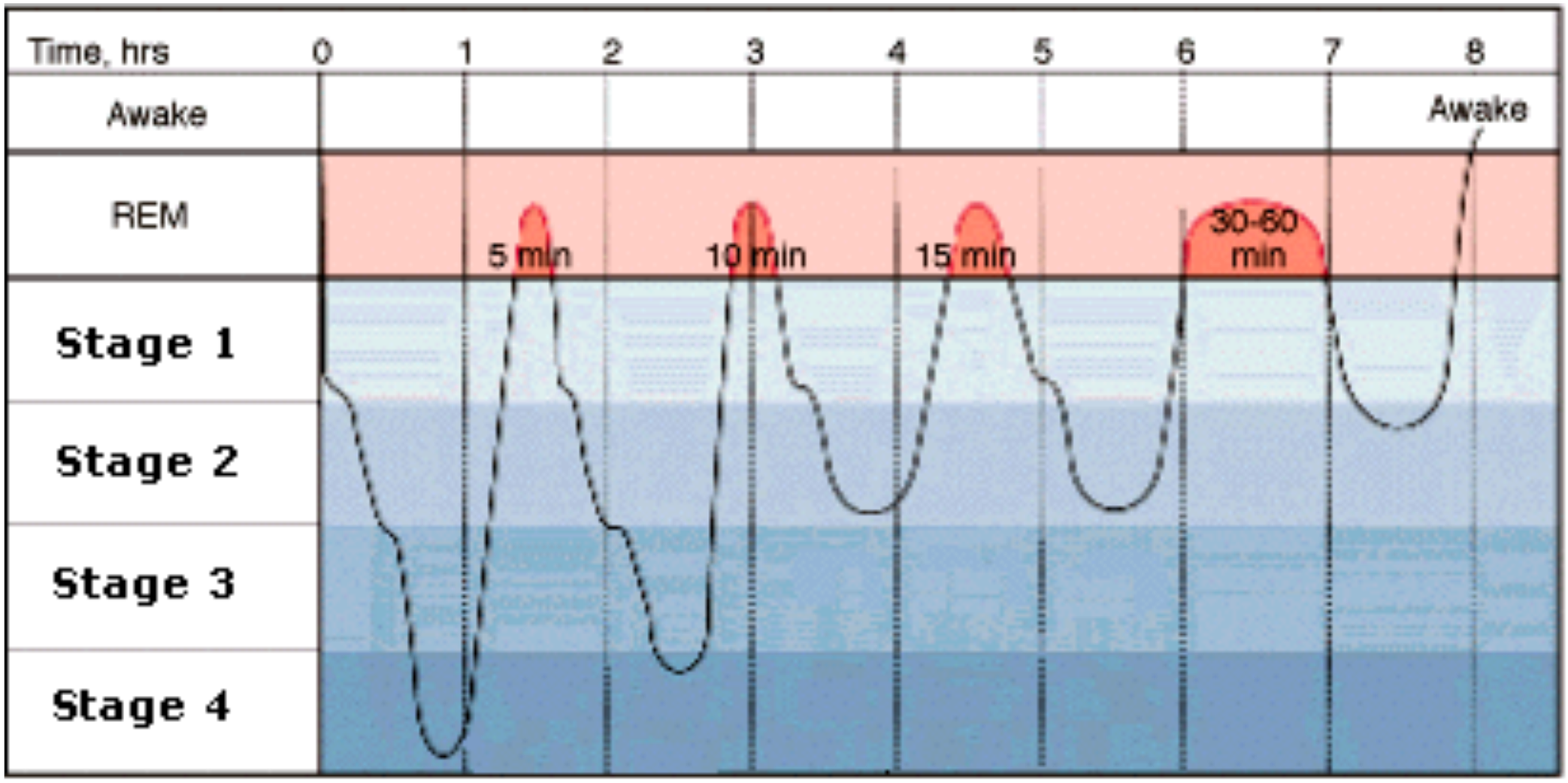
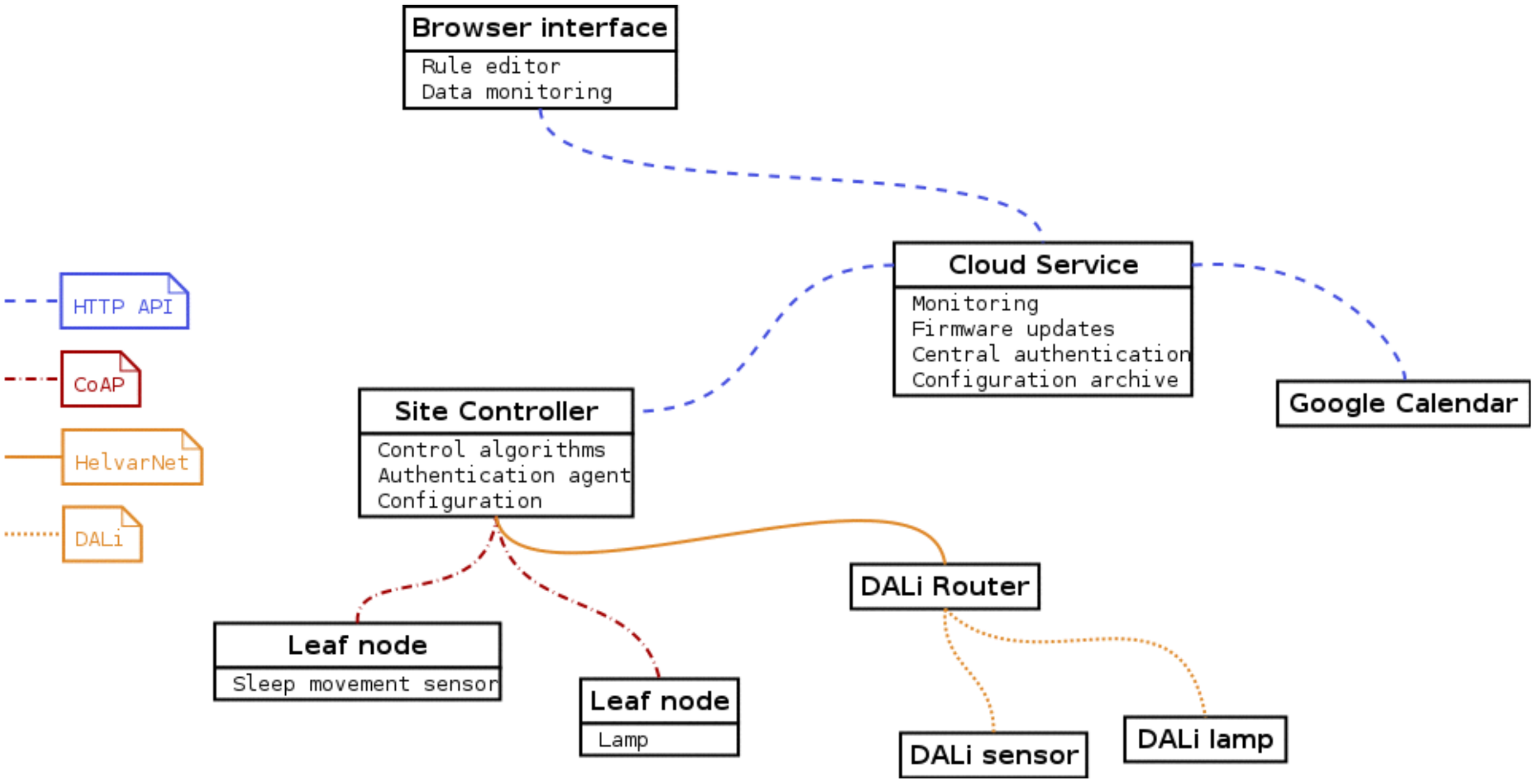
Lights

Home automation

just like in Star Trek


Time, hrs
0
1
2
3
4
5
6
7
8
Awake
REM
Stage 1
Stage 2
Stage 3
Stage 4
5 min
10 min
15 min
30-60 min
Awake


Browser interface
Rule editor
Data monitoring
Cloud Service
Monitoring
Firmware updates
Central authentication
Configuration archive
Google Calendar
HTTP API
CoAP
HelvarNet
DALi
Site Controller
Control algorithms
Authentication agent
Configuration
DALi Router
Leaf node
Sleep movement sensor
Leaf node
Lamp
DALi sensor
DALi lamp

Big Achievements under the hood

DALi HelvarNet communications

Site Controller enhancements

Beginnings of a cloud service

improvements:

from mockup to working system

publish the individual parts as
open source under ELL-i cooperative

integration to other systems
such as Fidelix, KNX and more

Future?

The project will continue at Helsinki Hacklab
under ELL-i open source cooperative
protective wings

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http://helsinki.hacklab.fi
https://github.com/temmihoo/just-like-star-trek