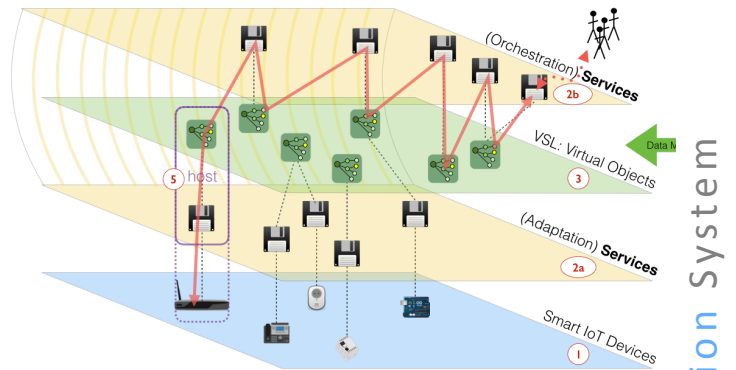


One Middleware to Rule them All

Outline

I developed a middleware that follows a novel approach. I call this approach μ -middleware as it reduces the functionality of a middleware to its minimum. At the same time μ -middleware allows dynamic extension at run time.

The goal of this thesis is to explore functionality of different middleware and to rebuild it with the VSL μ -middleware. Besides the assessment of existing middleware, the result will be an evaluation on the complexity and power of rebuilding functionality of existing non- μ -middleware with the VSL.



Possible Structure

- Analysis
 - o Analyze the problem domain.
 - o Identify relevant research questions that you will work on.
 - o Present relevant technology.
- Related work
 - o What do other projects do that answer your questions?
- Design
 - o Which components do you need?
 - o Which are options for the design? Why are your choices good?
- Implementation
 - o Relevant details such as frameworks used.
- Evaluation
 - o How well does it work?
 - Metrics!

Requirements

Curiosity, Joy to work in a team, Knowledge in Java.
Ability to write good code (including unit tests and documentation).

Contact

If you are interested, please send an email briefly explaining why you think to be the right person for this thesis to:

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Image sources:

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