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
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