

# Executable Modeling on Android

- Øystein Haugen offers one or two Master theses within the following area
- Goal: Executable (UML) modeling on Android
  - 1) Consider existing approaches to modeling on Android
  - 2) Migrate the JavaFrame framework used in INF5150 (an existing executable UML runtime system) to Android
  - 3) Perform experiments starting from existing UML models
  - 4) Evaluate the modeling and the models
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# Common Variability Language

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- CVL is a language for describing software product lines. It is being standardized in the OMG (Object Management Group) SINTEF and IFI are leading this effort.
- Experiment with the Common Variability Language
  - 1) Perform case studies - toy examples and real examples
  - 2) Make intricate examples to highlight problematic areas and suggest mitigation
- More info on CVL on <http://variabilitymodeling.org>
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