

A DSL for Configuring Continuous Deployment Pipelines for Android Apps

Summary

We are interested in understanding different continuous deployment (CD) pipelines. In this thesis, the student will determine requirements for CD pipelines for mobile (Android) apps. He or she will then design and implement a DSL that will be use in a few exemplary cases. Finally the student will evaluate the DSL towards the initially stated requirements.

Work Results

Bullet list of results (not process!). Looks like this:

- Literature review
 - Continuous deployment for mobile apps
 - Design and implementation of DSLs
- Research approach and execution
 - Definition of requirements for a DSL for CD for Android apps
 - Implementation and exemplary use of DSL
 - Review of DSL matching requirements
- Research results
 - Design and implementation of a DSL
 - Evaluation of suitability for use for Android apps

Supervisor

Daniel Knogl, M.Sc.

Prof. Dr. Dirk Riehle, dirk.riehle@fau.de

Computer Science Department

Friedrich-Alexander University

More information: <http://osr.cs.fau.de/theses/resources/>