Bachelor Thesis Description, status: allocated to Leonhard Hösch, language: [DE | EN]

Link to doc: http://goo.gl/YUjcLe

Using Machine Learning to Classify Open Source Projects

Summary

In this thesis, you first define a model of different types of open source projects. You then apply machine learning techniques to classify open source projects from a large database into these different types of projects. In a third final step, you use information retrieval evaluation criteria to determine the accuracy and quality of your classificatio algorithm. Work can be performed in English or German.

Work Results

- Model of types of open source projects
- Algorithm using machine learning to classify open source projects
- Evaluation of algorithm usinginformation retrieval measures
- Possibly a research paper on the subject matter, jointly with advisor

Advisor

Dipl.-Inf. Gottfried Hofmann

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Link to thesis descriptions: http://osr.cs.fau.de/fun
Link to layout of final theses: http://wp.me/pDU66-S1
Link to grading framework for final theses: http://wp.me/pDU66-MF