

Title: Extensible Collaborative Development Platform

Author: Michal Halaša

Department / Institute: Katedra distribuovaných a spolehlivých systémů

Supervisor of the bachelor thesis: RNDr. Petr Hnětynka Ph.D., S 212, Malostranské nám. 25, Praha

Abstract: Currently, there exist a number of collaborative development platforms (also known as "forges"). These platforms offer to developers a set of tools for collaborative development (e.g. VCS tools, bug-tracking tools, mailing-list managers, etc). On the other hand, there exist many standalone tools for bug-tracking, etc. Usually, these standalone tools offer more features to the developers, however they have to be set up and managed separately.

The goal of this thesis is to develop a collaborative development platform (forge) that is fully extensible, i.e. it will allow developers to easily add existing tools to it and manage them in a unified way.

Keywords: java, forge, extensible, development platform