Beyond Works-On-My-Machine with PDE Build and Git

Abstract

Successful tests on a developers machine are always a nice sight - but not the whole picture. To go beyond the works-on-my-machine badge, tests must be executed during the automated build. With Eclipse, this creates multiple challenges, from compile time via test provisioning to the actual test execution. With a full release engineering example, Matthias Kempka demonstrates how to build projects from a git repository using Map files, PDE build and the PDE Test Framework. He discusses how to reduce build time using p2 features and shows how to integrate test coverage with Emma into the test execution.

Author

Matthias Kempka is a TDD developer at EclipseSource. He first became involved with Eclipse when he created the code coverage tool Coverclipse. Since then he's continued in the Eclipse world, refining his requirement definitions, investigating tools and investing in skills specific to the environment. Matthias has been an active in Yoxos development, customer consulting and training for RCP and Equinox OSGi.