Automatic Testing Tools in MeeGo

Timofey Turenko
Nokia, Helsinki, Finland
timofey.turenko@nokia.com

Abstract

Current software platforms consist of many different components with complex dependencies. In addition, one platform can be installed on different devices (headsets, netbooks, in-vehicle infotainment devices, etc). It means all components, all application have to be tested every day, every build, on every device. It is not possible without test automation.

A number of test automation tools are available for MeeGo. They are Testplanner, Testrunner, Testability Driver (TDriver) as well as Open Test System (OTS) infrastructure. Testplanner tool allows creating test plans in XML format that can be automatically executed by Testrunner tool in any real device or in emulator. TDriver also allows automating Qt applications user interface tests.

Open Test System infrastructure allows building test images, flashing them automatically to the devices, executing tests and publishing the results.

This presentation gives an overview of these tools. Several practical examples are demonstrated.

Index Terms: MeeGo, automated testing, testing tools, mobile device testing.