RCP Testing Tool in action

http://eclipse.org/rcptt
What is RCPTT?

- New Eclipse project
- UI testing tool for Eclipse-based applications
- Supports platform versions from 3.6 to 4.4
What we want from UI tests?

- **Productivity**
  - Creation
  - Maintenance
  - Collaboration
  - Extensibility

- **Reliability**
  - Same test on same application gives same results
  - Test case is not affected by previous tests
How we achieve it?

● Focus on a single platform
  ○ Understanding platform internals
  ○ Operate on a higher level (beyond widgets)
  ○ Track background operations

● State-driven approach
  ○ Test = initial state + actions + assertions
  ○ Declarative state description (model)
  ○ Reuse of state
Action!
Thank you!

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ivan.inozemtsev@xored.com
Continuous Integration

- Command-line runner / Maven plugin
- JUnit XML and HTML reports
- Not open-sourced
- Free for open-source projects