



Eclipse for PKI

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Agenda

- Why
- Getting Started
- Navigation, Editing, Compiling, Running
- Automated Tools

Why?



- Automates big changes
- Integrated Debugging
- Fast Incremental Builds
- Easier to get things right
- Change with confidence
- Good support for Testing
- Speed up development

Getting Eclipse

- Yum install eclipse-platform eclipse-jdt
- eclipse-cdt for C/C++
 - but that is a tale for another day
- Tomcat not included either

Getting started

- Running Eclipse
- Workspaces
- Importing the project

Orientation

- Perspectives
- Views
- Menus
- Build path
- How to open files
- How to compile

Navigation

- Package Explorer
- Outline
- Ctrl-Shift-T
- Quick Type Hierarchy
- Show in
- Open Declaration

Problems

- Errors
- Warnings
- Automated Fixes
- Ignoring

Running programs

- Run VS Debug
- Debug perspective and view
 - Breakpoints
 - Edit and continue
- JUnit

Source code generation

- Implement interface
- Statement completion
- Surround with
- Comments
- Generate...

Refactoring

- Rename
- Extract method
 - Reverse with inline
- Extract
 - local variable
 - Constant
 - Member