

Eclipse Guided Tour – Part 1

Editing Code

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pluralsight 
hardcore developer training

Overview

- Editor View
- Content Assist
- Code Analysis
- Editor Preferences
- Block Mode Editing
- Editing Related menus
- Team context Menu

Editor View

● Tabs

- Moving Tabs/Tiling the Editor
- Double-clicking a tab
- Too many Tabs

● Code Folding Region

● Marker Bar Region

- Tasks
- Bookmarks
- Breakpoints

● Highlighting/Show Source of Selected Element Only

Content Assist

- **Two great coding productivity aids in history**
 - Caffeine
 - Intelligent context aware code editors
- **Content Assist**
 - Manually invoked with Ctrl-space
 - Auto invoked with "."
 - Can invoke code templates
- **It's you not me**
 - When it stops working, there's often something wrong in your code
- **In C++ it's me not you (sometimes)**
 - Content Assist is heavily dependent on an up to date index
- **Unlike VS Auto activation still requires a trigger**

Content Assist in three parts

- **Java and C++ common features**
- **Java specific features**
- **C++ specific features**

Java Only Features

- JavaDoc specific suggestions (@ trigger)
- Suggestions for local variable, parameter and field names
- Will auto import unresolved types
- Static members can be added to a favorites list
- instanceof Aware
- Static Favorites

C++

- **Namespaces**
- **preprocessor directives**
- **Include files**
- **Understands when to use pointer dereferencing**
- **More auto triggers**
 - **.**
 - **->**
 - **::**
- **Content Assist Preferences**

Code Analysis

● Analysis and Quick Fix options

● Java

- Code analysis is baked in
- Customize Errors/Warnings
- External plug-ins
 - CodePro AnalytiX <http://goo.gl/rXw2m>
 - FindBugs <http://findbugs.sourceforge.net/>
 - PMD <http://pmd.sourceforge.net/pmd-5.0.4/>

● C++

- Codan
- We are young
- External Plug-ins
 - Riverblade's Visual Lint (requires purchasing Lint tool separately)
 - CppCheck <http://cppcheckclipse.eclipselabs.org.codespot.com/svn/update/>

Editing Code Summary

- **Tiling**
- **Code Folding**
- **Marker Bar**
- **Productivity Aids**
 - Content Assist
 - Code Analysis
- **Show Line Numbers and Whitespace**
- **Preference Customization**