

Rational Team Concert™ Source Control

ECLIPSE™ ■ RTC VERSION 4.0.2

ID: RTC-SRC-ECL-4

Overview

This one-day, hands-on class covers the fundamentals of source control with the Rational Team Concert Eclipse interface.

Audience

- All project contributors who will use the Eclipse interface for source development and source control activities.
- For software developers, this is recommended follow-on to Island's *Rational Team Concert Team Collaboration/Eclipse Interface* course.

Prerequisites

- Basic knowledge of the Eclipse IDE is helpful.
- Island's *Rational Team Concert Team Collaboration* class or equivalent experience.

Objectives

At the end of this course, students will understand the basics of working on Eclipse projects that are stored in the Jazz repository and will be able to use Rational Team Concert to accomplish typical source control tasks. Students will also understand how work items are related to source code changes and how workflow enhances source development efforts.

Outline

Eclipse Perspectives	Adding views to perspective; saving perspective modifications
Workspace Basics	Create, load, and unload local workspace
Workspace Advanced	Load selected components and Eclipse projects
Source Control Basics	Modify, check in, lock, unlock, and deliver changes
Source Control Continued	Add new, rename, and delete files; check in from explorers; undo changes; checkin and deliver wizards
Share Code	Share a new project (add to Jazz repository); create components
Manage Non-Eclipse data	Load and manage non-Eclipse data
Attach Work Items	Attach change sets to work items
Change Set History	Change set history and differences
Change Set Operations	Accept/discard, suspend/resume, and complete
Resolve Content Differences	Resolve conflicting source code differences
Resolve Structural Differences	Resolve conflicting file name and file location differences
Reverse Change Sets	Reverse delivered change sets
Snapshots	Create, compare, and use snapshots
Modify Streams	Add and modify stream component baselines
Flow Change	Change workspace and stream flows
Parallel Development	Multiple stream strategies and review exercise

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