

# Rational Team Concert Source Control – Advanced

ECLIPSE™ INTERFACE ■ RTC VERSION 5.0.1

ID: RTC-SRC-ADV-ECL-501

## Overview

This one-day, hands-on class covers the advanced topics of Rational Team Concert source control for desktop environments.

## Audience

- All developers who will use the RTC Eclipse interface for source control activities required to support multiple streams and conflicting source changes.
- For developers, this is the recommended follow-on to Island Training's *RTC Source Control Basics* class.

## Prerequisites

- Island's *RTC Source Control Basics* class or equivalent experience.

## Objectives

At the end of this course, students will understand scenarios, conflicts, and difficulties often encountered in a multi-stream, parallel development environment. Students will learn how to manage these scenarios using RTC tools and capabilities.

## Outline

Advanced Source Control Overview	Stream strategies and advanced source control capabilities
Eclipse Projects	Create and manage Eclipse projects in the repository
Snapshots	Create/compare snapshots; create stream from snapshot
Components	Create/manage components in streams and workspaces
Flow Change Basics	Set workspace flow target to alternate stream
Workspace-to-Workspace Flow	Set workspace flow target to another workspace
Stream-to-Stream Flow	Set stream flow target and deliver stream-to-stream
Resolve Conflicting Differences	Resolve conflicting/overlapping source code differences
Resolve Structural Differences	Resolve conflicting file name and file location differences
Reverse Simple Change Sets	Reverse and deliver a change set that resolves automatically
Reverse Complex Change Sets	Reverse and deliver change sets that need manual resolution
Gap Basics	Understanding gaps and how to avoid them
Gap Resolution with Reverse	Resolve gaps by delivering reverse change sets
Gap Resolution with Gap Manager	Resolve gaps with the gap manager
Advanced Source Review Lab	Advanced source control review exercise
Jazz Change Set Search	Jazz change set search capabilities

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