# Rational Team Concert for Developers

This hands-on tool training course covers the fundamentals of source control with Rational Team Concert (RTC).  Contact us to choose appropriate modules for your team from our extensive training module library.

## Objectives:

At the end of the hands-on course, students will:

⟨ Understand the fundamentals of working on Eclipse projects that are stored in the Jazz repository

⟨ Use Rational Team Concert to accomplish typical source control tasks

⟨ Understand how work items are related to source code changes

⟨ Recognize how work flow enhances their source development efforts

## Audience:

This workshop is designed for end users who will use Rational Team Concert to accomplish their daily tasks:

⟨ Software developers, testers, interface and human factors designers, database developers, architects, and others responsible for the technical development effort ("technical team")

## Prerequisites:

The prerequisite for attendees is "Rational Team Concert for Contributors" and previous software development project experience.

## Duration:

1 day; course can be customized.

Outline:

1. Getting started with source control
   - Terminology
   - Workspace Basics

2. Working With Files
   - Edit, Create, Delete Files
   - File check-in
   - Change Sets / Deliver Changes
   - Select change sets
   - Component History
   - Change Explorer

3. Change Set Operations
   - Familiar with Change Sets
   - Working with Changes
     - Load & Check-in
     - Accept & Deliver
     - Complete
     - Suspend & Resume
     - Discard & Undo
     - Reverse
     - Patches
   - History view
   - Indications / Notifications

4. Streams and Components
   - Create baselines and snapshots
   - Compare baselines and snapshots
   - Promote workspace snapshot
   - Workspace and stream flows

5. Managing Change Conflicts
   - Identify and resolve conflicting source code differences
   - Identify and resolve conflicting file name and file location differences

6. Repository Management
   - Change owner
   - Remove change set
   - Restore deleted files or folders
   - Duplicate repository workspace
   - Revert workspace back to a snapshot
   - Create a new stream from existing components

7. Sharing Projects
   - Add an Eclipse project to repository
   - Share an Eclipse project with your team

8. Web Access
   - View files, streams, and repositories using the web interface