
ClearCase® Intermediate for Unix

Overview

Recommended follow-on to the *ClearCase Fundamentals* course for software developers using ClearCase only. This one-day, hands-on course covers additional aspects of the tool required for software development. Topics include:

- Branching,
- Merging, and
- Other ClearCase features used for parallel development.

Sites adopting UCM should take the one-day *UCM Fundamentals* course. Sites integrating UCM and ClearQuest should take the one-day *UCM/ClearQuest Integration Fundamentals* course. Power users should refer to the *Curriculum Overview* for other courses in the ClearCase, UCM, and UCM/ClearQuest Integration tracks.

Prerequisites

ClearCase Fundamentals course or equivalent ClearCase experience.

Objectives

At the end of this course, students will understand ClearCase concepts as they apply to parallel software development. They will be able to use ClearCase tools and procedures in typical software development environments.

Outline

Merge basics	Use basic merge operations
File merge	Merge files with the Merge tool
Unreserved checkouts	Reserved vs. unreserved checkouts
Batch merge	Using the merge manager for batch merges
Directory merge	Merging directories and handling conflicts
Label basics	Create, apply, and lock labels
Config spec basics	Basic config spec rules for version selection
Auto-branch rules	Automatic branching with config specs
Review essentials	Review dynamic views, checkouts, config specs, and merges
Annotate	Tool to view author of source code lines
Find basics	Basic find command usage
Find queries	Simple find queries with ClearCase metadata filters
View-extended names	Alternate access to VOB data

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