
ClearCase MultiSite® Administration for Unix

Overview

Hands-on admin training for ClearCase MultiSite. This one-day course is designed for system administrators who will set up and manage ClearCase MultiSite in a Unix environment. Topics include:

- Replicas,
- Store-and-forward,
- Mastership, and
- Oplog

Prerequisites

ClearCase Fundamentals course or equivalent ClearCase experience. Unix administration experience helpful. No previous MultiSite experience required.

Objectives

At the end of this course, students will be able to convert a single-site ClearCase environment to a distributed environment. They will be able to synchronize development at the multiple sites both manually and through automated scheduling facilities.

Outline

Introduction	Introduction to MultiSite and remote development
ClearCase perspective	Review of ClearCase-level underpinnings of MultiSite features
Basic facilities	Overview of MultiSite's most important features
Lab setup	Validate lab setup
VOB replication	Creating VOB replicas
Synchronizing	Propagating changes to a VOB's multiple locations
Exporting packets	simplifying the processing of outgoing updates at a site
Importing packets	simplifying the processing of incoming updates at a site
Automation facilities	Using ClearCase Scheduler to automate updates
Mastership basics	Basic concepts of object mastership
Transfer mastership	Transferring mastership of type objects
Transfer branch mastership	Transferring mastership of branches
Request branch mastership	Requesting mastership of branches
Shared types	Duplicate names and shared types; handling name collisions
Epoch number matrix	Understanding optimization of update packet size
Epoch repair	Recovering from synchronization failures

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