
ClearCase MultiSite® Admin for Windows

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 Windows environment.

Topics include:

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

Prerequisites

ClearCase Fundamentals course or equivalent ClearCase experience. Windows NT 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

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| Introduction | Introduction to MultiSite and remote development |
| ClearCase perspective | Review of ClearCase-level underpinnings of MultiSite features |
| Basic facilities | Overview of most important MultiSite features |
| Lab setup | Validate lab setup |
| VOB replication | Creating VOB replicas |
| Synchronizing | Propagating changes to a VOB's multiple locations |
| Packet transport | MultiSite's facility for transporting updates |
| 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 individual branches |
| Request branch mastership | Requesting mastership of individual 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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