Training: Micro Focus
DCM200 - Dimensions CM for Developers

TRAINING GOALS:

To provide the knowledge and skills for lead developers to perform configuration and change management tasks.

Upon successful completion of this course, you should be able to:

- Perform configuration management using streams
- Perform parallel development using streams
- Manage baselines
- Describe the principles of change management
- Perform task driven development
- Create and manage requests
- Compare streams and projects
- Use Dimensions CM Pulse
- Use DA deployment
- Describe shelving and cherry pick merge
- Describe Pulse Agile

Audience/Job Roles

This course is for lead developers using Dimensions CM for configuration and change management.

CONSPECT:

- Course Overview
  - Identify the daily classroom schedule and methodology
  - Review the course objectives
- Enhancements
  - Identify the enhancements for administrators in Dimensions CM 14.4
  - Identify the previous developer enhancements in Dimensions CM 14
  - Identify the enhancements for developers in Dimensions CM 14.4
- Advanced Version Management Operations

- Relate an object to an object
- Edit object attributes
- Delegate an item revision
- Action an object
- View access permissions of an object
- View item history and pedigree
- Display the item annotation view
- Update item revisions to a work area

- Performing Parallel Development using Streams
  - Describe parallel development using streams
  - Update your work area with a file from another stream
  - Auto-merge non-conflicting files
  - Deliver changes from the child stream to the parent stream
  - Merge item revisions resolving any conflicts
  - Describe different types of conflicts
  - Identify change conflicts.
  - Compare and merge files
  - Select appropriate conflict resolution
  - Perform a merge review by inspecting: history, pedigree & annotation views
  - Consider a Cherry Pick Merge scenario

- Managing Projects and Streams
  - Display and modify stream options
  - When to use streams and when to use projects
  - Locking strategies for conflict resolution
  - Create an empty stream
  - Create a stream based on a baseline/stream
  - Lock a stream
  - Investigate personal streams
  - Understand shelving

- Visualizing Changesets using Pulse
  - Understand and inspect changesets in a stream
  - Describe Pulse and understand it's use
  - Login to Pulse and view changesets for an existing stream
  - Understand and utilize Pulse experts
  - Add an expert chain to call a Checkstyle and Summary experts
  - Perform a modification and delivery and review new changeset and expert execution

- Use Desktop client to perform a peer review and approve a change
- Complete optional homework: create a new Pulse configuration from scratch using the Checkstyle expert

- Dimensions CM Deployment
  - Describe Deployment in Dimensions CM
  - Describe what's DA deployment
  - Understand deployment concepts
  - Describe the Global stage lifecycle (GSL)
  - Understand promotion and deployment
  - Understand demotion and rollback
  - Configure an DA deployment area for an existing stream
  - Create a Baseline and Deploy it
  - Review the results in CM and DA

- Managing Baselines
  - Describe a baseline
  - Describe the different types of baseline
  - Create a tip baseline
  - Create a baseline scoped by design part
  - Compare baselines

- Creating and Managing Requests
  - Define change management
  - List the benefits of change management
  - Create, prime and draft requests
  - Relate requests
  - Add attachments
  - Action requests
  - Delegate requests
  - Create and use request filters

- Change Management
  - Describe how you use Dimensions CM in your environment for change management
  - Describe different request types and their use
  - View requests in your request inbox
  - Open a request
  - Define a default request for a stream
  - Deliver changes using a default request
  - Revise a new baseline using a request

- Compare the revised baseline against the original baseline
- Review changes using Pulse
- Pulse Agile
  - Define Pulse Agile
  - Understand agile planning concepts and entities
  - Describe Backlog view
  - Describe Iteration view
  - Describe Card wall view
  - Describe Request Interaction
  - View Pulse Agile demonstration
  - Complete optional exercise

REQUIREMENTS:

These self-paced online courses are recommended as pre-study:

- DCM100 CM Essentials

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Micro Focus (course completion).

TRAINER:

Authorized Micro Focus Trainer