Training program

Organizing developments with HCL VersionVault and UCM

<u>Reference :</u> SCM_Tr2.3

<u>Description :</u> This training course enables participants to effectively implement VersionVault UCM (Unified Changed Management) in their development environment (Windows or Unix / Linux) and with the major version of VersionVault in use: 8.x or 9.x.

<u>Duration :</u> 2 days.

Unfolding of the training :

MORNING

MODULE 0 : Objectives of the training

Day 1

Introduction : Presentation of the objectives and of the unfolding of the training

Round table : Presentation of the group, participants, and their expectations

MODULE 1 : Introduction

Day 1

Objectives of the module :

- Define what Configuration Management is

- Describe the contents of a Configuration Management plan

MODULE 2A : Define Components, VOBs, and naming rules

Day 1

Objectives of the module :

- Define the structure of Components

- Define the structure of VOBs

- Define the naming rules

AFTERNOON

MODULE 2B : Streams and Views strategies

Day 1

Objectives of the module :

- Develop a Stream strategy
- Identify which type of View to use on a project

MODULE 2C : UCM Project Baselines and Policies

Day 1

Objectives of the module :

- Define Baselines
- Describe UCM Project policies

MODULE 2D : Change management process model

Day 1

Objectives of the module :

- Choose a ClearQuest pattern for UCM
- Selecting ClearQuest Policies

MORNING

MODULE 3 : Implementing a UCM project

Day 1

Objectives of the module :

- Create a new UCM Project based on an existing code version
- Select a Composite Baseline for a new UCM project
- Create a Development Stream for a new function

MODULE 4 : Project maintenance

Day 2

Objectives of the module :

- Add Components to an existing Project

- Lock objects and set them to Obsolete

- Create Triggers and associate them to a certain type to implement control policies

- Assign activities to developers

MODULE 5 : Monitor the state of Projects

Day 2

Objectives of the module :

- Track Baseline information

- Track ClearQuest activities via graphs and reports

- Create reports on VersionVault objects and events using Cleartool commands or the file browser

- Run reports via the Report Builder

AFTERNOON

MODULE 6 : Assembling and recommending Baselines

Day 2

Objectives of the module :

- Lock and unlock a Stream

- Create a Baseline for an activity

- Create a Baseline for a single Component

- Promote a Baseline.

- Create a test Stream.

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MODULE 7 : Manage multiple UCM Projects

Day 2

Objectives of the module :

- Create a Project Mainline and Sub-Projects
- Implement an Inter-Project delivery
- Perform an Inter-Project Rebase

Targeted groups and prerequisites

This training is intended for project managers, configuration managers, integrators, and manufacturing managers. Working knowledge of Window or Linux environment and command lines are required.

Training objectives

The objectives of this training are :

- Obj.1 – Implement HCL Base VersionVault Unified Change Management (UCM) on your projects
- Obj.2 – Create and setup your projects
- Obj.3 – Strengthen your process by implementing UCM rules
- Obj.4 – Integrate, create and maintain a software in a parallel development environment.

Targeted skills

Upon completion of this training, the participant will be able :

- Use the main commands used to manage metadata, elements, and views
- Implement the proper patches
- Identify sensitive data
- Implement the necessary mechanism needed to secure them

Terms and conditions, and accessibility for individuals with disabilities

Duration : 2 days

Location : In the workplace (anywhere in France) OR remotely

Date : For any training request, please contact us using the phone number mentioned at the bottom of this page. We will agree with you on a tailor-made solution within a month.

Minimum number of trainees : 4 individuals

Accessibility for individuals with disabilities : The rooms we use are accessible to people with disabilities. For any other type of disability, please consult us beforehand to find an adapted solution within the limits of the resources available.

Training, technical and supervisory resources

Each course module will be covered in a hands-on exercise that will be performed via a remote ELM server provided and installed by ABlogiX. Each participant will have a computer already installed to access the ELM server.

Training support will be provided for each module and will be presented via a video projector or large screen. A whiteboard or interactive whiteboard should be provided with pens.

The training is facilitated by a consultant-trainer, which allows participants to benefit from his field experience.

Assesment method

After completion of a module and using the workbook provided on every participant's computer, the understanding of each module will be assessed through exercices regarding a case study. The trainer will be at the participants's disposal for any question as he will follow the progress and correct the exercises.

The trainer

ABLOGIX has an expert with more than 20 years of experience in VersionVault Configuration Management across a range of industries.

Validation of the training

Certificate of completion.

Training fees

Starting from 1100 euros HT per trainee, according to the needs of customised content development. Excluding travel expenses.