

Training program IBM Base ClearCase

Reference : SCM_Tr1.2

Description : This training course enables participants to effectively implement Base ClearCase (without the UCM process overlay) in their development environment (Windows or Unix / Linux) and with the major version of ClearCase in use: 8.x or 9.x.

Duration : 2 days, divided into 14 modules.

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 groupe, participants and their expectations

MODULE 1 : Software Configuration Management

Day 1

Objectives of the module :

- Describe a version
- Describe SCG
- Differentiate a configuration and elements of configuration

MODULE 2 : Introduction to the tool : functionalities

Day 1

Objectives of the module :

- Understand the framework and access via spaces : Views
- Describe the main functions

MODULE 3 : User interface : CLI mode (command line) and graphical interface

Day 1

Objectives of the module :

- Know the different interfaces
- Use integrations

AFTERNOON

MODULE 4 : VOBs, Views : ClearCase Database and workspace

Day 1

Objectives of the module :

- Understand the VOB mechanism and its structure
- Understand how to access a VOB

MODULE 5 : Navigating through ClearCase and accessing objects

Day 1

Objectives of the module :

- Identify views and access to directories
- Read information regarding versioned elements

MODULE 6 : Versions management : version tree and reporting tools

Day 1

Objectives of the module :

- Describe the elements of a version tree
- Filter the information

MORNING

MODULE 7 : Creating new versions : checkout/checkin/uncheckout

Day 2

Objectives of the module :

- Understand commands to modify files and directories
- Use the commands options checkout/checkin/uncheckout

MODULE 8 : Directories versions management, creation of new elements

Day 2

Objectives of the module :

- Create new private directories and store them as versioned elements
- Add in elements version management (files, directories)

MODULE 9 : Evolutions management and Branch strategy

Day 2

Objectives of the module :

- Understand the possible uses of branches
- Understand branch strategy
- Manage branch strategy guided by activities

MODULE 10 : Branchs and ConfigSpec

Day 2

Objectives of the module :

- Understand the rules of configSpec
- Implement a configSpec

AFTERNOON

MODULE 11 : Merger of modifications operations

Day 2

Objectives of the module :

- Show the differences between two versions of elements
- Merge files and select the modifications using the Merge editor

MODULE 12 : ClearCase metadata

Day 2

Objectives of the module :

- Describe the different metadata and their use
- Creation of new metadata

MODULE 13 : Build software products : Clearmake

Day 2

Objectives of the module :

- Use the Build functionality with Clearmake
- See the ConfigRecords resulting from a Build

MODULE 14 : ClearCase Configuration Management : implementation and procedures

Day 2

Objectives of the module :

- Implementation of configuration management strategies according to the context and needs of the project

Targeted groups et 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 IBM Base ClearCase on your projects
- Obj.2 - Create and setup ConfigSpec in order to follow the branch strategy
- Obj.3 - Strengthen the Configuration Management process by implementing metadata

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 ClearCase 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.