

Syllabus: ClearQuest Programming and API Training (ALM-CQ-02)

Overview: One-day class for ClearQuest administrators and developers who are responsible for customizing and administrating ClearQuest forms, processes and integration with 3rd-parties

Duration: 8.5 hours (1 day)

Audience: ClearQuest administrators; Developers and DevOps who want to learn how to integrate with ClearQuest interface

Pre-requisite:

- Knowledge of the meaning of defect and change tracking.
- Knowledge of ClearQuest administration
- Some experience as a developer (using C#, Java, Perl, Python etc.)

Objectives:

At the end of this course, students will be able to access and modify ClearQuest databases from an external utility.

Key topics:

- Understanding the different objects (entities, sessions, queries etc.)
- Using sessions
- Build queries
- Using ClearQuest Diagnostics to evaluate and debug hooks and scripts
- Develop automation processes using ClearQuest API functions
- Build advanced queries using filters
- Understanding OSLC REST API
- Understanding CM API
- What's new in ClearQuest API v8 and v9
- Build an application using ClearQuest API

