

# ClearQuest® API

WINDOWS

ID: CQ-API-WIN

## Overview

A one-day, hands-on class for ClearQuest administrators who are responsible for writing scripts to access the ClearQuest database through the ClearQuest Perl API.

## Prerequisites

- No previous ClearQuest experience is required, but knowledge of the ClearQuest schemas is helpful
- No previous Perl experience is required, but familiarity with Perl or an object-oriented language is helpful

## Objectives

At the end of this course, students will be able to access and modify ClearQuest databases from Perl scripts.

## Outline

Intro	Introduction to the API and reference manual
Admin Session	Starting an admin session
User Object	Accessing user information
User Database Update	Updating user database information
Session	Starting a session for entity (record) access
Entity Access	Access an existing entity
Entity Build	Create a new entity
Entity Edit	Edit an existing entity
Query Basic	Build and execute a simple query
Query Filter Basic	Building simple query filters
Query Filter Advanced	Building complex query filters

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