

The slide features a blue background with a white central area. At the top left, it says 'IBM Software Group | Rational software'. The top right has the IBM logo. The main title is 'IBM® Rational® ClearCase® and ClearQuest® evaluation guide'. Below it is 'Module 1: Unified change management'. A horizontal bar with various icons is positioned below the title. At the bottom right, it says '@business on demand.' and '© 2006 IBM Corporation'.

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IBM® Rational® ClearCase® and ClearQuest® evaluation guide

Module 1: Unified change management

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This presentation provides a basic introduction to Unified Change Management using Rational ClearCase and ClearQuest to manage the software development lifecycle.

## Overview

- Introduction to Unified Change Management using Rational ClearCase and ClearQuest to manage the software development lifecycle.
- Using Rational ClearCase and ClearQuest for team software development
- Learn about the organizational roles associated with these products
- Learn how these tools are used by project managers, developers, project integrators, quality managers, and release engineers

In this tutorial, you will learn some of the basic tasks for using Rational ClearCase and Rational ClearQuest for team software development and the organizational roles associated with those actions.

You will learn how these tools are used by project managers to assess and assign changes, by developers to implement new changes and deliver them to the team, and by build and quality managers to test, promote and release new builds.

## About this series

- Experience change and configuration management capabilities of Rational ClearCase and Rational ClearQuest without installing or configuring the tools
- Both tools in a ready-to-use state from inside a single Eclipse-based shell.

This series is for users interested in trying some of the change and configuration management capabilities of Rational ClearCase and Rational ClearQuest without installing or configuring the tools.

This tutorial provides both tools in a ready to use state from inside a single Eclipse-based shell.

By the end of the tutorial, you should have a feel for how Rational ClearCase and Rational ClearQuest work together to provide a complete change and configuration management solution.

## Objectives

- Experience the role of several stakeholders in the software development process including:
  - Project lead
  - Developer
  - Integrator
  - Release engineer.
- Work a defect through the development lifecycle from submission to completion
- Observe how Rational ClearCase and Rational ClearQuest work together to control and manage the process of change in software development

In this tutorial you will be fulfilling the role of several stakeholders in the software development process including project lead, developer, integrator, and release engineer.

By acting in these roles, you will work a defect through the development lifecycle from submission to completion.

Along the way you will observe how Rational ClearCase and Rational ClearQuest work together to control and manage the process of change in software development.

## Prerequisites

- Basic knowledge of Rational ClearQuest or Rational ClearCase or configuration management concepts is helpful, but not required.
- If you are new to Rational ClearCase or Rational ClearQuest, review the online information to explore some core features
  - <http://www.ibm.com/software/rational/offerings/scm.html>

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If you are new to Rational ClearCase or Rational ClearQuest, you should review the online information to explore some core features. More information can be found at the Web site shown here.

## About change management solutions

- Integrated software change management and software configuration management solutions:
  - Streamline and automate development lifecycle processes
  - Manage and control software assets
  - Automate and enforce software processes
  - Improve productivity
  - Gain better visibility into projects and processes
  - Manage distributed organizations
  - Provide audit trails and traceability across the software lifecycle to help meet compliance mandates

IBM provides integrated software change management and software configuration management solutions designed to streamline and automate development lifecycle processes. IBM software configuration management solutions manage and control software assets. IBM change management solutions automate and enforce software processes. These solutions can help you improve productivity, gain better visibility into projects and processes, manage distributed organizations, and provide audit trails and traceability across the software lifecycle to help meet compliance mandates.

## Unified change management: Roles

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- Project lead role
- Developer role
- Project integrator role
- Release engineer role

In this tutorial you will be fulfilling the role of several stakeholders in the software development process including: project lead, developer, integrator and release engineer. The modules to follow will discuss each role in more detail.

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