

IBM Software Demos

Change Management with IBM Rational ClearQuest and ClearCase - Part 1

Welcome to part one of change management with IBM rational ClearQuest and ClearCase presented by Kevin Czap, Advisory software engineer, IBM developer skills team.

You are now testing the application for deployment.

As the tester, you will confirm that the error exists and generate a defect using Rational ClearQuest. You will then transition to the Project Manager role, review the defect in ClearQuest Web, and assign it to a developer. As the developer, you will make the necessary code changes, which is under version control in Rational ClearCase. You will then verify that the change works in your development environment, e.g. Rational Application Developer.

In this demo we fix our problem with a web banking application. Let's take a look at the running application.

Lets log into our web banking operation.

Selecting our current account, now we are going to look at logged transactions.

Notice that the transaction date has obviously not been formatted correctly. You will therefore create a defect in ClearQuest to address this.

Let's get the browser out of the way by closing it.

Creating a new defect in IBM Rational ClearQuest

We'll log in to ClearQuest to submit a defect for the transaction date display issue.

You need to make a connection to the ClearQuest Database. We'll connect to the database as Dana.

We now need to create a new defect record.

The new defect form will be displayed. We'll enter the following parameters:
headline and
severity.

Note how the labels for these fields are red, indicating that they are mandatory fields

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that must be filled in before ClearQuest will save the record. This is just one of many ways that ClearQuest allows you to build in automated support for your change management process.

We've now switched roles to that of the project manager.

The Project Manager will now assign the defect to the developer using Rational ClearQuest web.

Notice the submitted defect id number 280 transaction date is displayed incorrectly.

We are going to change the state of the defect and assign it to Alex the developer.

The defect has now been assigned to Alex the developer.

This concludes part 1 of Change Management with IBM Rational ClearQuest and ClearCase. Please continue on to part 2.