

DoorKeeper for ClearQuest

Growing emphasis on governance and compliance in software and systems development increases the importance of requirements analysis, change management of requirements, and traceability from requirements through to lifecycle artifacts such as defects, test cases, source code and UML models.

DoorKeeper for ClearQuest integrates IBM Rational's DOORS® requirements management product with IBM Rational's ClearQuest change management product. The integration provides the ability to use ClearQuest to manage changes to DOORS requirements and also to relate DOORS objects with ClearQuest records in order to achieve traceability amongst artifacts in a project.

Key Benefits

- ◆ ClearQuest as change management system for DOORS requirements.
- ◆ Traceability from requirements to defects, test cases, and other ClearQuest records.
- ◆ Impact analysis.
- ◆ Automation of manual mappings.
- ◆ Works with customized ClearQuest schemas.

Key Features

- ◆ View/Associate/Remove/Refresh DOORS objects via a DoorKeeper tab in a ClearQuest record.
- ◆ Display/Associate/Disassociate/create/edit ClearQuest records in DOORS.
- ◆ Manage changes to DOORS objects using ClearQuest.
- ◆ Launch and Navigate between DOORS and ClearQuest.
- ◆ Extend DoorKeeper functionality using the DoorKeeper public API in ClearQuest.
- ◆ View and Clear suspect objects in ClearQuest.

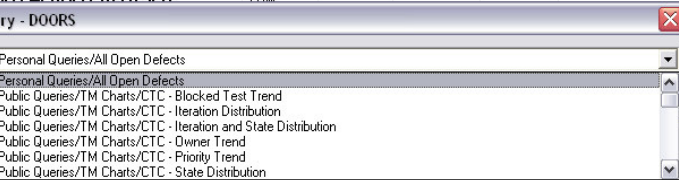
BENEFITS OF EMBEDDEDPLUS DOORKEEPER FOR CLEARQUEST

- ◆ Consolidate on a single change management system for your project by utilizing ClearQuest to control, manage, and propose changes to all project artifacts, including DOORS requirements.
- ◆ Achieve traceability and impact analysis between DOORS requirements and ClearQuest records (supports many to many relationships), including defects, work items and test cases as provided in the new ClearQuest Test Manager functionality.
- ◆ Reduce effort by moving away from manual mappings and spreadsheets for tracking changes and tracing to DOORS requirements.
- ◆ Save money by leveraging a fully supported commercial integration rather than expending resources on an in-house or custom built integration.
- ◆ Installs easily to standard or customized ClearQuest schemas without requiring manual changes.

ID	Priority	DK4CQ_id	DK4CQ_State	DK4CQ_Owr	DK4CQ_Headline
1	Low				1 DOORS - Eclipse Integration
2	Low				1.1 Access in Eclipse
8	High				Allow viewing of standard DOORS attributes.
9	Medium	aug1000000004	Assigned	ernie	Must support up to 7 custom attributes
5	Medium				Provide a user friendly browser of DOORS projects, modules,
10	Medium	aug1000000005	Submitted		Show incoming and outgoing links
3	Low				1.2 Link to Standard Eclipse Artifacts
10					Be able to link DOORS objects in an Eclipse
4					1.3 Link to Standard Eclipse Artifacts
11					Be able to link DOORS objects in an Eclipse base

1) Select public or personal ClearQuest queries.

2) Query results displayed in current DOORS view.



Show ClearQuest Records Associated with DOORS Objects

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www.embeddedplus.com
480.517.9200
info@embeddedplus.com

Exceed Expectations, Not Schedules

FEATURES

From ClearQuest:

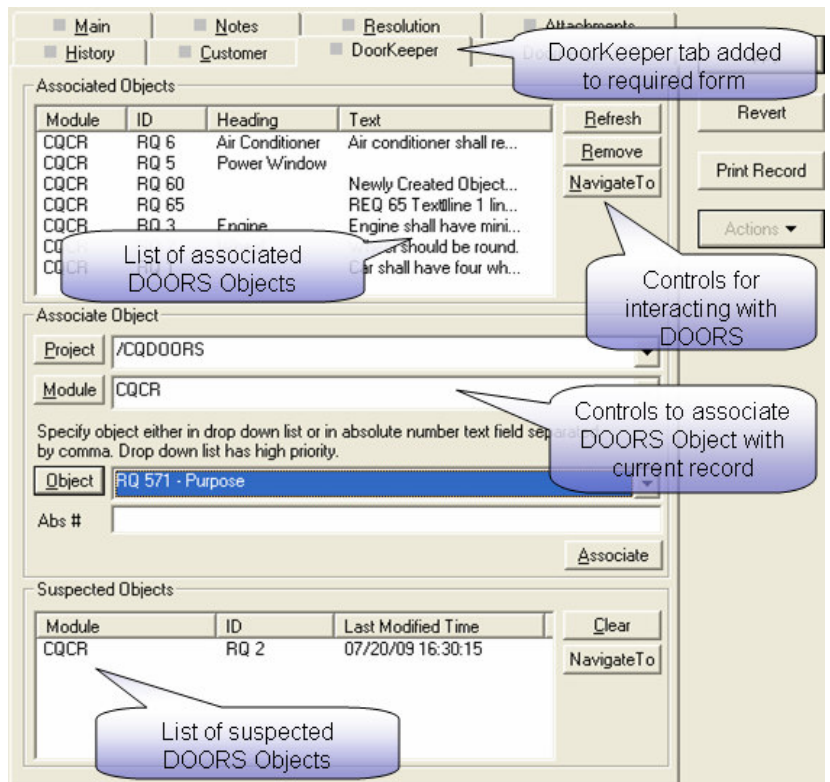
- ◆ Associate or Disassociate DOORS objects with ClearQuest records in any state (Submit or Record form).
- ◆ View or Refresh DOORS objects within ClearQuest or auto-launch DOORS and navigate directly to the object.
- ◆ View DOORS object, its custom attributes, and associated records in DOORS object record form.
- ◆ View suspected objects within ClearQuest or clear suspicion for the associated ClearQuest record.
- ◆ ClearQuest query and reporting capabilities may include DOORS information.
- ◆ Build robust and flexible change proposal systems and other custom extensions using DoorKeeper public API in ClearQuest.

From DOORS:

- ◆ Based on ClearQuest defined queries, query and display ClearQuest record information in DOORS.
- ◆ Based on ClearQuest defined queries, navigate from DOORS to a result set in ClearQuest.
- ◆ Create a new ClearQuest record or Edit associated record such as a defect from a DOORS object(s).
- ◆ Associate and disassociate DOORS objects to ClearQuest records.
- ◆ Control changes to DOORS objects using the ClearQuest record's lifecycle.
- ◆ Launch ClearQuest from DOORS.

COMPATIBLE SOFTWARE

- IBM Rational ClearQuest (version 2003.06 or higher)
- IBM Rational DOORS (version 7.0 to 9.2 or higher)
- Microsoft™ Windows XP Professional, Microsoft™ Windows 2000 Professional, or Red Hat Enterprise Linux WS 3.0
- MS Access, SQL Server, or Oracle



Associate DOORS Object with a ClearQuest Record

EmbeddedPlus Engineering provides products and services that transition companies to advanced technologies and methods based on industry standards such as UML, SysML, DO-178B and MDA. Expertise includes tool integration, modeling/simulation and Eclipse-based development and integrations. EmbeddedPlus is an official Qualified Service Provider in the Object Management Group's MDA Fast Start program.

