

DoorKeeper for ClearQuest Change Proposal System

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.

EmbeddedPlus **DoorKeeper for ClearQuest Change Proposal System** allows users to propose and commit changes to requirements stored in IBM Rational DOORS using IBM Rational ClearQuest's record life cycle.

DoorKeeper for ClearQuest Change Proposal System is built on top of EmbeddedPlus "DoorKeeper for ClearQuest" product, which integrates the IBM Rational DOORS requirements management product with IBM Rational ClearQuest change

Key Benefits

- ◆ ClearQuest as change management system for DOORS requirements.
- ◆ Auto commit the changes to DOORS.
- ◆ Works with customized ClearQuest schemas.
- ◆ Works with any ClearQuest record type including Defects, Testcases etc.

BENEFITS OF DOORKEEPER FOR CLEARQUEST CHANGE PROPOSAL SYSTEM

- ◆ 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.
- ◆ Propose modification changes for any standard or custom DOORS requirement attribute.
- ◆ Propose changes for multiple requirements from a ClearQuest record.
- ◆ Auto commit (or push changes to DOORS) by hooking up the change proposal system to the ClearQuest record's action transitions.
- ◆ System and user level configuration to tailor the change proposal system to customer process.
- ◆ Save money by leveraging a fully supported commercial integration rather than expending resources on an in-house built integration.
- ◆ Installs easily to standard or customized ClearQuest schemas without requiring manual changes.

Key Features

- ◆ Create new proposals or remove existing proposals in ClearQuest via Door-Keeper CPS tab.
- ◆ Auto or manually commit one or more change proposals to DOORS from ClearQuest.
- ◆ Display the change proposals proposed for respective requirements in a DOORS view.
- ◆ Impact Analysis.

ID		DKCPS_ProposedChange	DKCPS_Status	DKCPS_DestObject	DKCPS_AttrName	DKCPS_ProposedValue
RQ 1	Car shall have four wheels and a steering.	Modify	Not Committed		Object Text Cost	Car shall have TWO wheels and a steering. 45.000000
RQ 2	26.1 Wheel Wheel should be round.	Move After	Not Committed	CQCR · RQ 3		
RQ 3	26 Engine Engine shall have minimum 8.27 Horse Power	Create Below	Not Committed		Object Text	Engine Cylinder should have minimum volume of 0.6 cc.
RQ 4	15 Steering Steering should be round.					
RQ 5	26.3.1.2 Power Window	Delete	Not Committed			

Change proposals displayed in current DOORS view

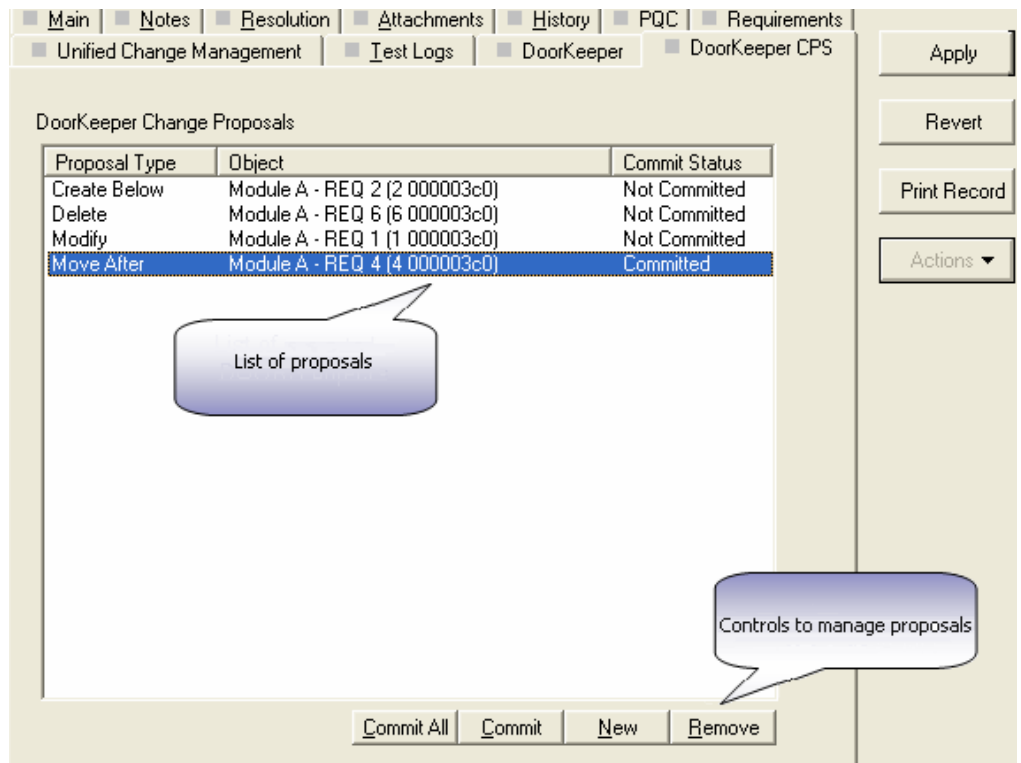


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Exceed Expectations, Not Schedules

FEATURES

- ◆ Create new proposals, modify, or remove existing proposals in ClearQuest via DoorKeeper CPS tab.
- ◆ Create change proposals to Modify, Move After, Move Below, Create After, Create Below, and Delete requirements stored in DOORS.
- ◆ Auto or manually commit (i.e. push to DOORS) one or more change proposals to DOORS from ClearQuest.
- ◆ Refresh the DOORS requirement for which change proposal is created in DoorKeeper Change Proposal form.
- ◆ Display the change proposals proposed for respective requirements in a DOORS view.
- ◆ Impact Analysis UI to do the analysis before committing or approving the change proposals.
- ◆ DoorKeeper for ClearQuest Change Proposal System works with customer- specific ClearQuest schemas and existing DOORS installations.



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
- DoorKeeper for ClearQuest (version 1.5.0 or higher)

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.