IT-QBase GmbH

We Know-how

IT-QBase
LifeCycle Management

BranchManager embedded technology from *IT-QBase*
for IBM® Rational® DOORS®

Requirements development and management is a critical part of any business. Having the necessary methods and tools to manage your product requirements is a characteristic of successful organizations developing successful products.

IBM Rational DOORS has demonstrated over the years to be a critical component in supporting organizations developing high quality product requirements.
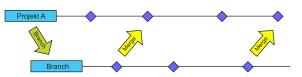
True branch management made easy...

- **Branch DOORS projects**
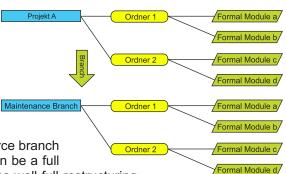- **Configurable compare of DOORS formal modules**
- **Interactive merge of formal modules across branches**

Branch

BranchManager for DOORS supports multiple branches of an entire project structure in DOORS, maintaining relationships (links and link modules) between the full hierarchy of DOORS modules. Individual requiremen identity is maintained across all branches allowing you to view branch history across all source and children branches, as well as merge across the branches.

Branches replicate the entire structure from the source branch to the target branch. When branching, the target can be a full branch of all modules or a subset of the modules. As well full restructuring of the branch is enabled while maintaining branch relationships and history.

☑ Modifikcation / Deletion / Addition
☑ Textual Attributes
☑ OLE Attributes
☑ Images
☑ DOORS Tables
☑ Link Changes
☑ Object Movement

Compare

BranchManager for DOORS provides a powerful comparison mechanism to identify differences between baselines and across branches. Its intelligent comparison engine can compare based on a selectable list of attributes, and can detect changes in attributes, OLE objects, links, and structural changes such as moving a requirement in the hierarchy.

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Merge

BranchManager for DOORS enables merging across branches by detecting changes in content, structure, and location of the same objects. Merging is performed using a three-way-merge leveraging a common base. The common base is either the common parent from the branch or a specified previous integration point of the two branches. Non-conflicting changes (no changes to the same object in two branches) can be automatically merged. Conflicting changes require the user to guide the merged result.

Requirements Review

Reviewing proposed requirement changes becomes significantly easier. By flagging the differences between the existing requirements and the proposals on a branch enables offline changes and comparison to the latest requirements. If the proposal is for multiple ranches these can all be reviewed at exactly the same time.

Fix and Propagate

When you have multiple products, it is a common occurrence to identify a requirement that needs to be updated in all products. Instead of doing this by hand, it is much more effective to make this change once and replicate to the other branches.

Core Requirements Reuse

Most organizations have a core set of behaviors that apply to all products, even those that are unique for a particular customer. These requirements are standard and must be applied to all products. These requirements are updated occasionally and therefore need a method to detect and propagate these changes.

Rather than do a simple copy, branching these requirements ensures that updates are merged correctly and consistently

The BranchManager f0r DOORS Suite ...

... built flexibly to meet your organization's demands with these critical capabilities of requirements branching, requirements comparison, and requirements merging.

The BranchManager is fully compatibel with DOORS 8.2 till 9.6. (for 32-Bit as well as 64-Bit)

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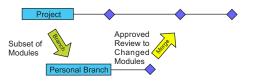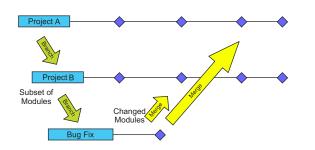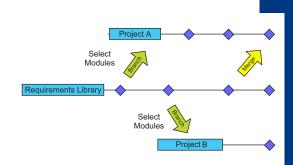
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