IT-QBase GmbH



IT-RBase

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

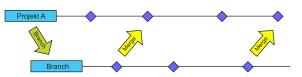
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True branch management made easy...

 Branch DOORS projects
Configurable compare of DOORS formal modules
Interactive merge of formal

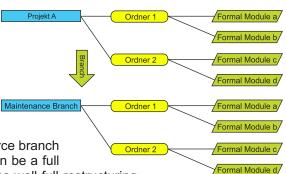
 Interactive merge of forma modules across branches Requirements development and management is a critical part of any business. Having the necessary methods and tools to manage your product requirements is a characteristic of successful organizations developing successful products.

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



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.



1 General Functionality

ctive for the home alarm system to create a family

et the

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

☑ DOORS Tables
☑ Link Changes
☑ Object Movement

☑ Images

Com	pare	

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.

8 1.1 Basic Controller 9 1.2 User Interface 'Object Text' was changed. OLE Object 0 has changed. Content before change: 4 User Interface Options Display Jser Interface Options Small Color Keypad Large Color	an both a
'Object Text' was changed: OLE Object 0 has changed. Content before change: Jser Interface Options 44 ² User Interface Options User Interface Options Display Alphanum Touchscreen Small Color x x Large Color x x	
OLE Object 0 has changed. Content before change: Jser Interface Options Margad Large Color x x Keypad Large Color x x	
Jser Interface Options Display Alphanum Touchscreen Keypad Large Color x x	
Keypad Large Color x x	
Display Numeric Alphan	
Basic x	
imall Color x x	
arge Color x	
10 1.3 Sensor Network	
object is new. 45 The sensor network shall be a wireless system.	
11 1.4 Sensor Types	
21 1.4.1 Door Monitor	
24 The system shall have a sensor to detect the status of	of the do
25 The allowable status of the door shall be either 'open	or 'clos
22 1.4.2 Window Monitor	
'Object Text' was changed: 26 ^H The system shall support multiple sensors to detect t window. sensorgensors to detect the status of a window. to detect the status of a	he statu:
volume vo	n' or 'clo

IT-QBase GmbH

Hanauer Landstraße 135 60314 Frankfurt a.M. Deutschland

Tel. +49 (0) 69 366 02126 Fax +49 (0) 69 366 02127

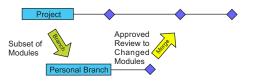


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Merge

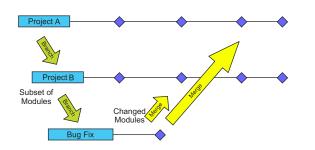
BranchManager for DOORS enables merging across branches by detecting changes in content, structure, and location of the same objects. Merging is performed using a three-way-merge leveraging a common base. The common base is either the common parent from the branch or a specified previous integration 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

We Know-how

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.



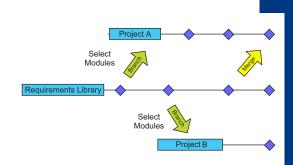
Fix and Propagate

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 compatible with DOORS 8.2 till 9.6. (for 32-Bit as well as 64-Bit)

Get more information and check out our offers online at www.it-qbase.de



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Tel. +49 (0) 69 366 02126 Fax +49 (0) 69 366 02127

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