IBM_Rational_RequisitePro_Creating Requirements_T_JUN06

RequisitePro is a powerful, easy-to-use tool that helps teams manage project requirements. It promotes better communication and collaboration among team members, reduces project risk and makes it more likely to identify the correct problem and deliver the right solution, on on time and within budget.

RequisitePro also offers the power of a database and a word processor. Its robust architecture maintains live requirement documents that are dynamically linked to a database for powerful sort and query capabilities. It also captures the change history for each requirement, thereby providing an audit trail of the project requirements evolution.

In this tutorial, you are going to see the flexibility RequisitePro provides in creating project requirements from both within the tool itself and also from the import of information from other types of files.

To get started, let's launch IBM Rational RequisitePro.

For new projects, RequisitePro provides a variety of templates to get you started quickly.

In this tutorial, we are going to use the traditional template. This template is best suited for organizations that are most accustomed to a traditional requirements approach. Document types include the Vision Document, Glossary, Software Requirements Specification, Requirements Management Plan, and Stakeholder Request Document.

The requirement types include Feature, Glossary Item, Software Requirement, Requirements Management Plan Requirement, and Stakeholder Requests.

You may also select from a variety of databases that best meet the needs of the project.

In the new project requirements view, let's look at the various ways of creating requirements.

One way is to click on the "Create Requirements" icon.

This brings up the Requirement Properties box, which includes the selection on the type of requirements needing to be entered. Also, all of these various properties are assignable to all requirements regardless of the method of creation.

Next, let's look at the various ways of importing documents into our Requirements database tool.

First, We will look at importing a CSV file format.

As you go through the import process, you may choose from the various options applicable to your circumstance.

Here, you can see the sample “Software Requirements” have been imported into the database tool.

Now, let's import a Word document into our database tool.

We'll start with a Vision document.

You can now see that this Vision Word document has been added to the repository in our Requirements database tool.

Another method of creating a new requirement is to click on the row in the requirements column on this screen.
Next, we're going to do one additional import of a Requirements document.

Again we enter the information and select the options that are specific to our particular project.

This opens up a Word document that is now dynamically linked to our RequisitePro database.

From this Word document, we can now select the textual information that we want to use to create new requirements.

We do this by highlighting the text and then clicking on the "Create Requirement" icon, which you can now see is integrated into our Word toolbar..

For this tutorial, we'll go ahead and create several more requirements.

Now, when we return to the RequisitePro database view, we can see the new requirements that were dynamically linked from the Word document into our database repository.

To illustrate this dynamic linkage, let's go back into the Word document and make a change to one of our requirements.

Instead of having "Customer Selects Account", we've changed the requirement to "Customer Selects Their Account".

Depending upon your organization's established process, you also have the capability of documenting the change description and/or the justification for the change.

Now, when we return to the RequisitePro view,
we see that the word "Their" has been added to the requirement.

Let's see how this dynamic linkage works both ways.

First, we will make a change to the requirement and see that the change has been updated in the RequisitePro database view.

When we open the Word document, we see that the change to the requirement has been updated to that view as well.

This tutorial has shown you just a small portion of the robust and powerful collaborative features contained in the Rational RequisitePro tool. We thank you for taking the time to learn more about the various ways you can use this tool to create and maintain your project requirements.