Visual ◆ Paradigm

Listing Model Elements with Grid
Written Date : November 18, 2014

Visual Paradigm Model Element Grid is a tool that allows the listing of model elements like requirements, business rules or glossary terms. You can customize the information being shown inside the grid say, to add a column for an extra property.
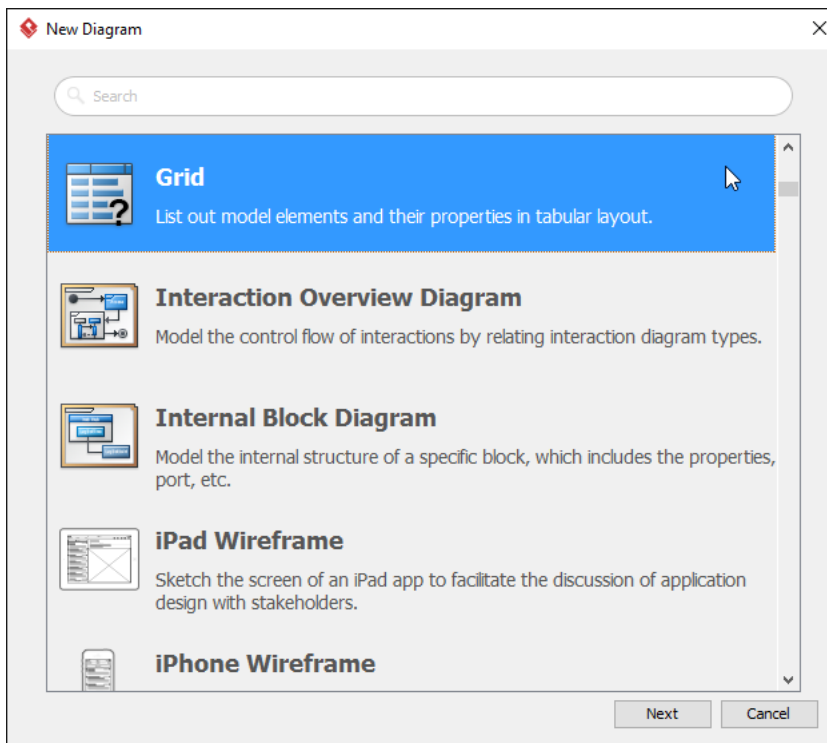
In this tutorial, you will get to know how to create a grid on specific model element type and how to create new element inside this grid. After learning these basic techniques, you can learn the way to add extra property columns in a grid to make it more informative and the way to select desirable model element to be listed in the grid by the search function to focus only on the target model element. Last but not least, you will learn how to export the end result as document.
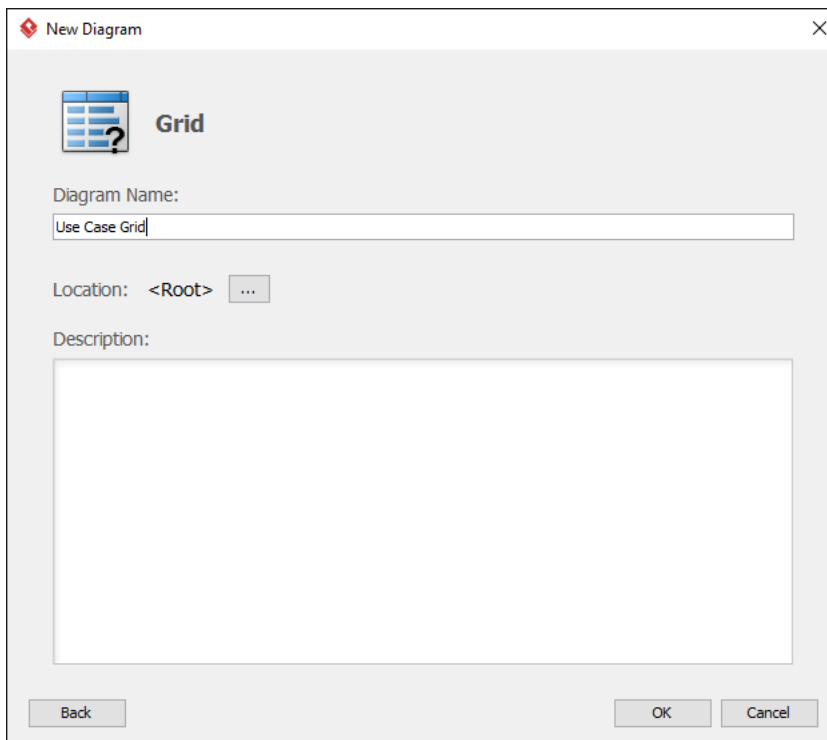
Creating a grid diagram

1. Download Online-TV-Broadcast.vpp. You can also find this file at the bottom of this tutorial.

2. Open the downloaded .vpp file in Visual Paradigm. To open a project, select **Project > Open** from the application toolbar.

3. To create a grid diagram, select **Diagram > New** from the toolbar.
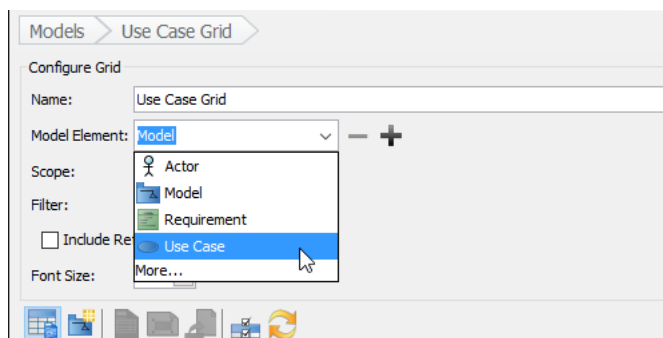
4. In the **New Diagram** window, select **Grid** and then click **Next**.

5. Enter *Use Case Grid* as the name of the grid. Click **OK** to continue.
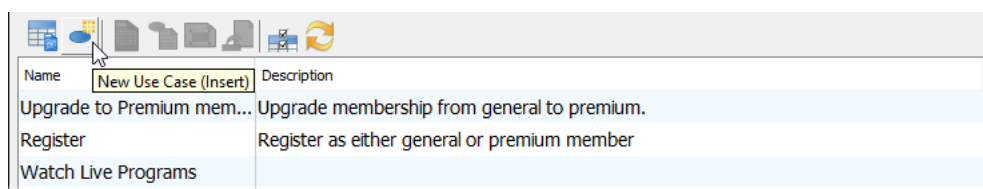
6. The grid is created. Select your target model element type from the **Model Element** drop down menu. In the tutorial, select **Use Case**.
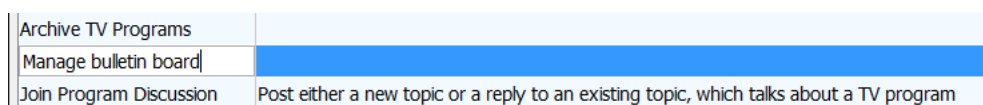

Creating elements in grid

1. You can create your target model element in grid according to the model element type you selected in the drop-down menu of **Model Element**. In this tutorial, you have selected use case as model element, so, click the **New Use Case** button.
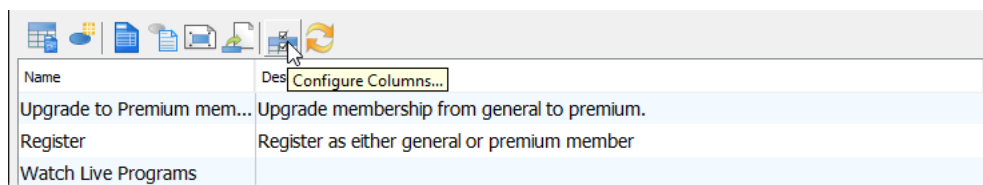

2. Enter the name for the newly created model element by double clicking on it. In this tutorial, enter *Manage bulletin board*. Press **Enter** to confirm.
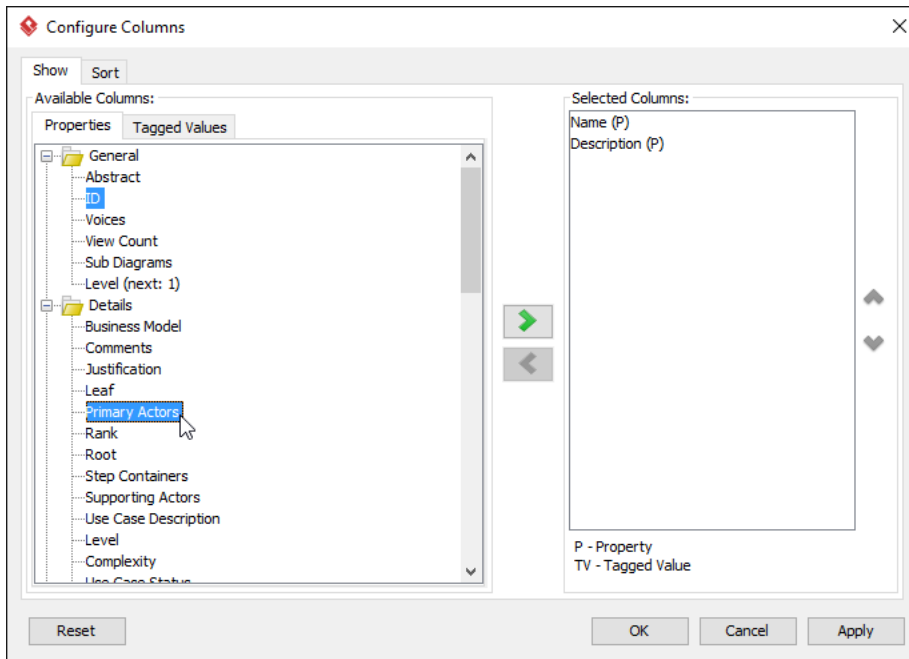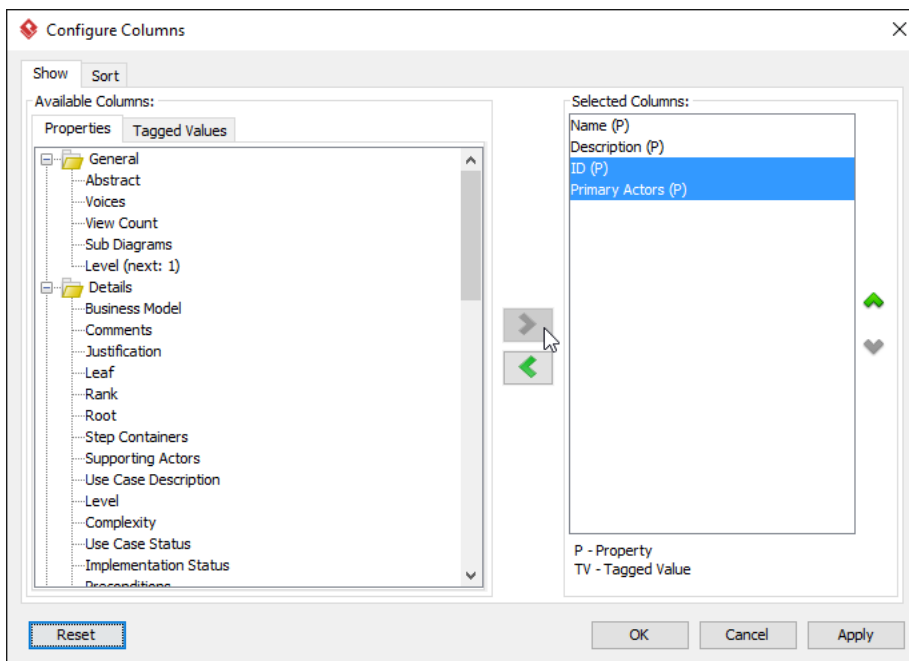

Adding extra property columns in grid

1. You can add extra property columns in grid by clicking **Configure Columns...** button.
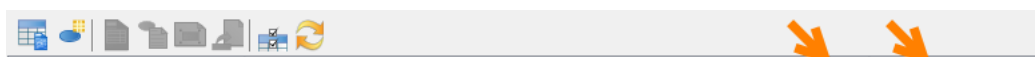
2. In the **Configure Columns** window, select the properties that you want to present in the grid. In this tutorial, select **ID** and **Primary Actors**. You can press the **Ctrl** key to perform a multiple selection.

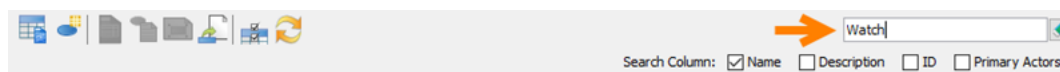3. Click **>** to add the selected properties. Click **OK** when done.

4.   As a result, *ID* and *Primary Actors* columns are presented in the grid.

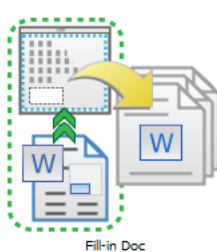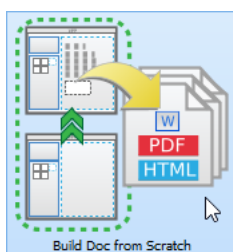| Name	Description	ID	Primary Actors
Upgrade to Premium mem...	Upgrade membership from general to premium.	UC-9	General member
Register	Register as either general or premium member	UC-8	General visitor
Watch Live Programs		UC-2	Premium member
Watch Archived Programs	Watch any archived programs	UC-1	Member
Subscribe for newsletter	Subscribe for newsletter that issues monthly, and talks about the r...	UC-10	Premium member
Deliver newsletter		UC-11	Administrator
Update Timetable		UC-7	Administrator
Upload TV Programs		UC-3	Administrator
Archive TV Programs		UC-6	Administrator
Manage bulletin board		UC-12	
Join Program Discussion	Post either a new topic or a reply to an existing topic, which talks a...	UC-5	Premium member

Filtering element

You can search your target model element in shortcut through filter. Type *Watch* in the search field. All the elements related will then be highlighted.
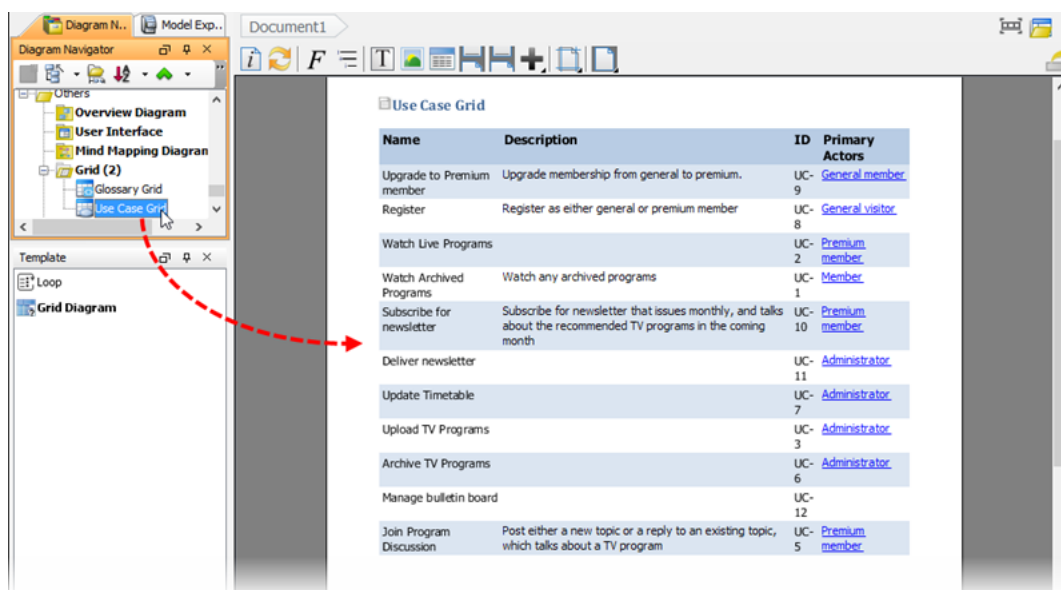
Name	Description	ID	Primary Actors
Upgrade to Premium mem...	Upgrade membership from general to premium.	UC-9	General member
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Watch Live Programs		UC-2	Premium member
Watch Archived Programs	Watch any archived programs	UC-1	Member
Subscribe for newsletter	Subscribe for newsletter that issues monthly, and talks about the r...	UC-10	Premium member
Deliver newsletter		UC-11	Administrator
Update Timetable		UC-7	Administrator
Upload TV Programs		UC-3	Administrator
Archive TV Programs		UC-6	Administrator
Manage bulletin board		UC-12	
Join Program Discussion	Post either a new topic or a reply to an existing topic, which talks a...	UC-5	Premium member

Create a document of grid

1.   Select **Tools > Doc. Composer** from the application toolbar.

2.   Choose **Build Doc from Scratch**.

Build Doc from Scratch

Fill-in Doc

3.   Drag the grid to the document. You will then see the grid presented in the document.

Resources

1.   Online-TV-Broadcast.vpp

Related Links

•   Tutorial - Creating Use Case Report with Doc. Composer

•   User's Guide - Creating Grid

Visual Paradigm

Visual Paradigm home page

(https://www.visual-paradigm.com/)

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(https://www.visual-paradigm.com/tutorials/)