

Listing Model Elements with Grid

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Visual Paradigm Model Element Grid is a tool that allows the listing of model elements like requirements, business rules or <u>glossary terms</u>. 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 <u>Online-TV-Broadcast.vpp</u>. 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**.

٩	New Diagram		Х					
	Q Search							
	2	Grid List out model elements and their properties in tabular layout.	^					
	Interaction Overview Diagram Model the control flow of interactions by relating interaction diagram types.							
		Internal Block Diagram Model the internal structure of a specific block, which includes the properties, port, etc.						
		iPad Wireframe Sketch the screen of an iPad app to facilitate the discussion of application design with stakeholders.						
		iPhone Wireframe	~					
		Next Cance	el					

5. Enter Use Case Grid as the name of the grid. Click **OK** to continue.

😵 New Diagram	×
Grid	
Diagram Name:	
Use Case Grid]
Location: <root> Description:</root>	
Back OK Cancel	

6. The grid is created. Select your target model element type from the **Model Element** drop down menu. In the tutorial, select **Use Case**.

Models > U	se Case Grid
Configure Grid	
Name:	Use Case Grid
Model Element:	Model v 🗕 🕂
Scope:	Actor
Filter:	Model
Include Re	Use Case
Font Size:	More hs
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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.

Name New Use Case (Insert)	Description
Upgrade to Premium mem	Upgrade membership from general to premium.
Register	Register as either general or premium member
Watch Live Programs	

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.

Archive TV Programs	
Manage bulletin board	
Join Program Discussion	Post either a new topic or a reply to an existing topic, which talks about a TV program

Adding extra property columns in grid

1. You can add extra property columns in grid by clicking **Configure Columns...** button.

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Name	Des Configure Columns
Upgrade to Premium mem	Upgrade membership from general to premium.
Register	Register as either general or premium member
Watch Live Programs	

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.

Configure Columns	>
Show Sort Available Columns: Properties Tagged Values General Abstract Voices View Count Sub Diagrams Level (next: 1) Details Details Comments Justification Leaf Comments Supporting Actors Root Step Containers Supporting Actors Use Case Description Level Complexity Line Case Status	P - Property TV Taxand Value
Reset	OK Cancel Apply

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

Configure Columns	×
Show Sort Available Columns: Properties Tagged Values Properties Tagged Values General Abstract Voices View Count Sub Diagrams Level (next: 1) Details Business Model Comments Justification Leaf Rank Root Step Containers Supporting Actors Use Case Description Level Complexity Use Case Status Implementation Status Proceedition	Selected Columns: Name (P) Description (P) TD (P) Primary Actors (P) P - Property TV - Tagged Value
Reset	OK Cancel Apply

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

- - - - - - -		1	1
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

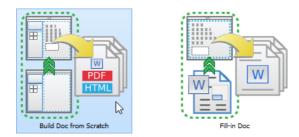
Filtering element

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.

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	Search (Column: 🔽 Name	Description ID [
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 abo	ut 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	2
Join Program Discussion	Post either a new topic or a reply to an existing topic, whic	h 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.



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

Diagram N 📔 Model Exp Document1					
Diagram Navigator 07 9 ×	= 🔳 🖪 📰 🛏 🖡				
Others	Use Case Grid				
— 🛅 User Interface — 🔁 Mind Mapping Diagran	Name	Description	ID	Primary Actors	
⊖- 📶 Grid (2) 	Upgrade to Premium member	Upgrade membership from general to premium.	UC- 9	General member	
Lise Case Grie	Register	Register as either general or premium member	UC- 8	General visitor	
Template	Watch Live Programs		UC- 2	Premium member	
Loop	Watch Archived Programs	Watch any archived programs	UC- 1	Member	
🔂 Grid Diagram	Subscribe for newsletter	Subscribe for newsletter that issues monthly, and talks about the recommended TV programs in the coming month	UC- 10		
	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 about a TV program	UC- 5	Premium member	
					- 1

Resources

1. <u>Online-TV-Broadcast.vpp</u>

Related Links

- Tutorial Creating Use Case Report with Doc. Composer
- User's Guide Creating Grid



Visual Paradigm home page (https://www.visual-paradigm.com/)

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