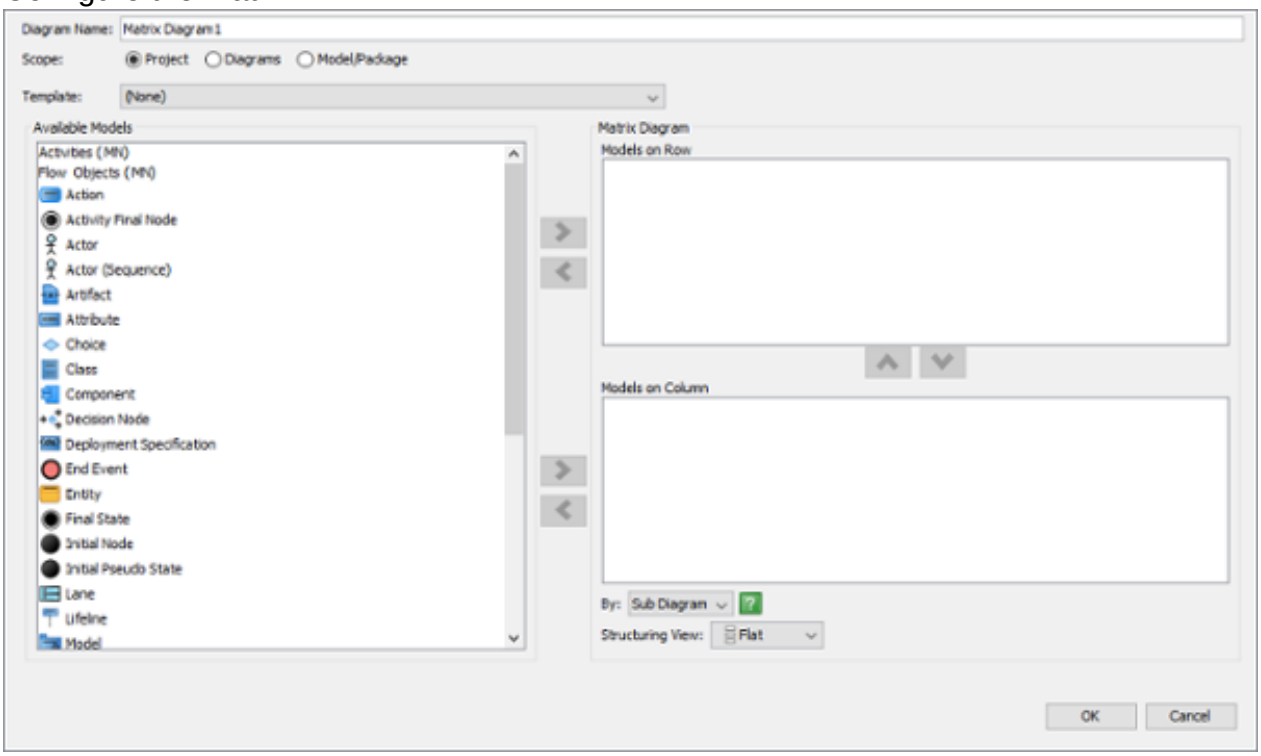
How to create a matrix for model analysis

A matrix is a table, which shows the existence of relationships among model elements of particular types. By reading a matrix, you can tell easily whether two model elements are related or not and what kind of relationship they have.

1. Select **Modeling > Impact Analysis > Matrix** from the toolbar.
2. Configure the matrix.



Field	Description
Diagram Name	The name of diagram which is also the name of matrix.
Scope	The source of model elements to compare in matrix, in **Project** (all model elements), **Diagram** (only model elements in specific diagrams which are selected by users) or under **Model/Package**.
Template	Template offers a default setup to **Models on Column**, **Models on Row** and **By**. It is available according to the project content. For example, template "Use Case Requirement" appears for selection when a project have use case and requirement.
Available Models	All available models in your selected scope are listed here. You can select a model to add it in the target Models on Row and/or Models on Column.
Models on Column	The type of model element to list at the column side of matrix. In order to list

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	multiple types of model element, select it/them on **Available Models** and click button to insert it/them in here.
Models on Row	The type of model element to list at the row side of matrix. In order to list multiple types of model element, select it/them on **Available Models** and click button to insert it/them in here.
By	