



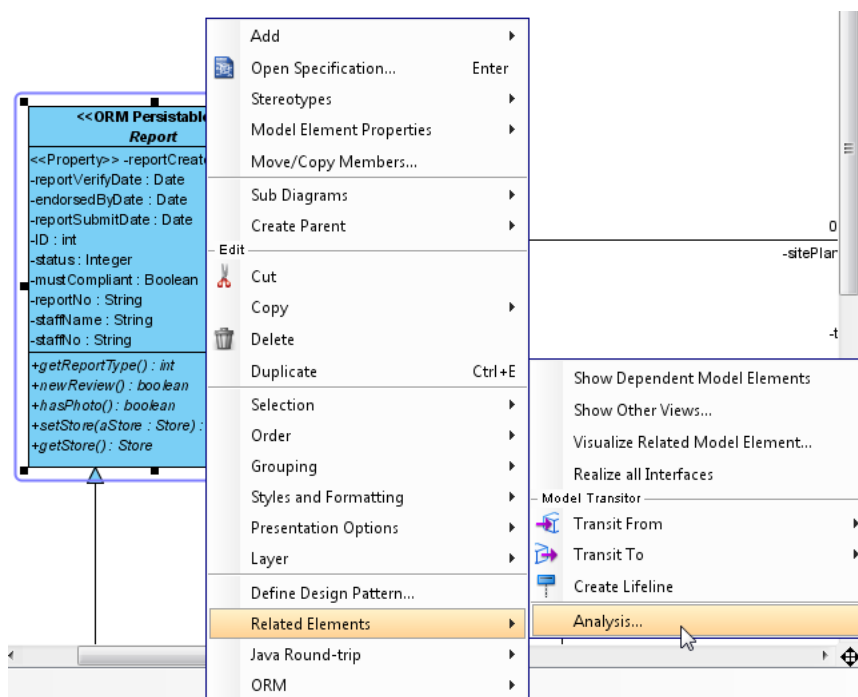
How to Visualize Model Dependencies with Analysis Diagram?

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To perform impact analysis with an analysis diagram:

Using an Analysis Diagram

1. Download [Department-Store.vpp](#). You can also find this file at the bottom of this tutorial, under the **Resources** section.
2. Open the downloaded project file in Visual Paradigm.
3. Open the diagram *Sales Order*.
4. Let's analyze the *Report* class. Right-click on the *Report* class and select **Related Elements > Analysis**.



5. The **Analysis** window is shown. Let's create a new analysis diagram with the default name.

6. You can specify what information will be included in the analysis diagram, including **Transitor**, **Reference**, **Parent-child** relationship, **Sub-diagram**, **Relationship**, **<<Used>>** dependency, and the **View** of the model.
 - **Transitor**: Transit from and to of the selected model.
 - **Reference**: Reference item of the selected model.
 - **Parent-child**: Parent and child relationship involved by the selected model.
 - **Sub-diagram**: Sub-diagrams under the selected model.
 - **Relationship**: Other elements related to the selected model.
 - **Used**: Used dependency involved by the selected model.
 - **View**: Diagrams which contain the selected model.
 - **Composited model properties**: .
7. With **Composited model properties** checked, the resulting diagram will be very big. To keep things simple, let's uncheck it.
8. Keep the other options selected and click **OK** to create an analysis diagram. Here is the analysis diagram generated.
9. The **View** represents the diagram containing the *Report* class.
10. You can right-click on the **View** shape and select **Open View**, or use the **Open View** resource icon to open the diagram.
11. The **Model** shape represents the element which is related to the *Report* class. For example, the *Product* class is related to *Report* with an association, and the *StoreReport* class is related to *Report* with generalization.
12. You can always right-click on the shape and select **Select in tree**, or use the **Select in Tree** resource icon to locate the element in **Model Explorer**.

13. The items in the analysis diagram can be grouped together through the **Group By** option in the **Property** pane. Let's group the **Relationship** and **View** in the diagram.

14. You can further analyze the elements by clicking the **Analyze** resource icon, and then select the criteria you would like to analyze.

Resources

1. [Department-Store.vpp](#)

Related Links

- [Visual Paradigm's Impact Analysis features](#)



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