

Viewpoint

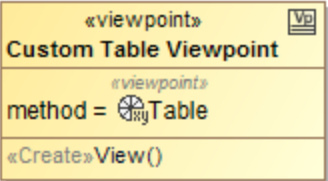
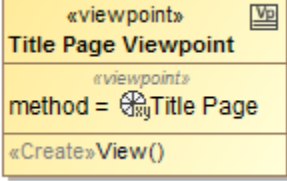

A Viewpoint is a specification of the conventions and rules for constructing and using a view for the purpose of addressing a set of stakeholder concerns. The languages and methods for specifying a View can reference methods and languages in another Viewpoint. They specify the elements expected to be represented in the view that may be formally or informally defined.



A Viewpoint has a Method property which describes the expectation of what stakeholder(s) wish to see exposed from the model, how the stakeholder wishes the information to be structured and presented, and in what kind of artifact the stakeholder wants to consume the information. It is the set of rules that describe how the view should express the information from the model to address the stakeholder concerns. The methods are used to construct the [Views](#) for the Viewpoint.

You can use these predefined Viewpoints with a Method property defined:

Predefined Viewpoint	Definition	Example
Simple Paragraph	A simple paragraph is a text fragment without a title and indented in the first row.	<p>The example shows a yellow box with «viewpoint» and a 'Vp' icon at the top. Below is the title 'Simple Paragraph Viewpoint'. Then, it shows «viewpoint» followed by 'method = ' and a diagram icon (a circle with a cross) followed by 'Simple Paragraph'. At the bottom is «Create»View().</p>
Formal Paragraph	The formal paragraph is a text fragment with a title. The first line of the formal paragraph text is indented.	<p>The example shows a yellow box with «viewpoint» and a 'Vp' icon at the top. Below is the title 'Formal Paragraph Viewpoint'. Then, it shows «viewpoint» followed by 'method = ' and a diagram icon (a circle with a cross) followed by 'Formal Paragraph'. At the bottom is «Create»View().</p>
Ordinary Paragraph	An ordinary paragraph is an itemized list. A new item in the itemized list is created from each exposed element.	<p>The example shows a yellow box with «viewpoint» and a 'Vp' icon at the top. Below is the title 'Ordinary Paragraph Viewpoint'. Then, it shows «viewpoint» followed by 'method = ' and a diagram icon (a circle with a cross) followed by 'Ordinary Paragraph'. At the bottom is «Create»View().</p>
Figure	The figure viewpoint allows constructing a viewpoint that specifies how an image object should be included into the view. The image object is constructed from the diagram shape that is exposed by the view.	<p>The example shows a yellow box with «viewpoint» and a 'Vp' icon at the top. Below is the title 'Custom Figure Viewpoint'. Then, it shows «viewpoint» followed by 'method = ' and a diagram icon (a circle with a cross) followed by 'Figure'. At the bottom is «Create»View().</p>

Table	<p>The viewpoint that uses the predefined Table method implementation is used to produce a table view in our constructed report. The table can be constructed in two ways. The table view can be produced by exposing the table shape directly or by exposing an element or collection of elements and specifying what properties of exposed elements should be displayed as columns.</p>	 <p>The diagram shows a class box for «viewpoint» Custom Table Viewpoint. It has a small 'Vp' icon in the top right corner. The class is divided into three compartments. The top compartment contains the name «viewpoint» and the title Custom Table Viewpoint. The middle compartment contains the text «viewpoint» followed by method = and a wheel icon, then Table. The bottom compartment contains «Create»View().</p>
Title Page	<p>The title page viewpoint defines what property of exposed elements is used as a paragraph title source.</p>	 <p>The diagram shows a class box for «viewpoint» Title Page Viewpoint. It has a small 'Vp' icon in the top right corner. The class is divided into three compartments. The top compartment contains the name «viewpoint» and the title Title Page Viewpoint. The middle compartment contains the text «viewpoint» followed by method = and a wheel icon, then Title Page. The bottom compartment contains «Create»View().</p>
Grouping Viewpoint		 <p>The diagram shows a class box for «viewpoint» Grouping Viewpoint. It has a small 'Vp' icon in the top right corner. The class is divided into three compartments. The top compartment contains the name «viewpoint» and the title Grouping Viewpoint. The middle compartment contains the text «viewpoint» followed by method = and a wheel icon, then Grouping Viewpoint. The bottom compartment contains «Create»View().</p>

Related diagram

- [Views and Viewpoints Diagram](#)