

Creating or modifying the content of a custom template

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After creating the container for storing your custom template, you must create a Collaborator View Diagram and a Collaborator Viewpoint Method Diagram. In these diagrams, you can build the structure of the template and start defining its content.

Note Before you begin creating diagrams, ensure that you use the [Document View Collaborator Profile](#) in the model for storing the template. You can select it from the list in the `<install.root>\profiles` predefined location.

If you have already created both Collaborator View and Viewpoint Method diagrams, visit the following pages to learn about defining their content:

- [Collecting and displaying model elements](#)
- [Filtering and sorting model elements](#)
- [Displaying tables](#)
- [Displaying diagrams, images and paragraphs](#)

Creating a View Diagram

To create a View Diagram

1. In the model browser, select the package for storing the diagram you intend to create, and, in the main toolbar, click **Create Diagram**.
2. In the open dialog, select **Collaborator View Diagram** under the **Cameo Collaborator** group.
3. In the open text box, enter the diagram name.

The essential components of a View Diagram are Document, View, and ViewPoint. You can create them by opening the View Diagram, and using the diagram palette that is shown in the figure below on the left. SysML specification states that the view displayed in the View Diagram represents the system from a particular viewpoint, whereas, a ViewPoint is a specification of rules for constructing a view to address a set of stakeholder concerns. Each of these essential elements performs a different function within a template.

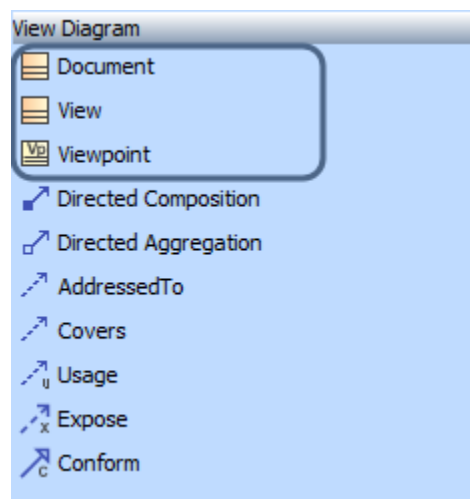
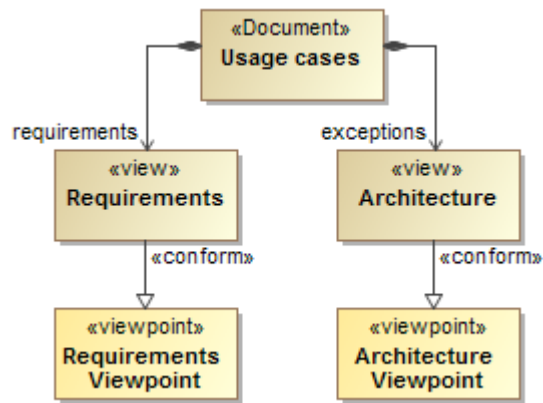


Diagram palette for the View Diagram located on the right side of the diagram pane.



Basic View Diagram containing Document, View, and Viewpoint elements with Directed Composition and Conform relations.

Document is the root element of a template. The name of the Document is also the name of your custom template, e.g., *Usage cases*. You can select this name in the **Template** box of the **Cameo Collaborator Publisher** dialog when [publishing a project](#).

The screenshot shows the 'Cameo Collaborator Publisher' dialog box. The title bar says 'Cameo Collaborator Publisher'. Inside, there's a section titled 'Publish to Cameo Collaborator' with a sub-instruction: 'Specify connection information and choose where to store the project after it is published to Cameo Collaborator.' To the right of this text is an icon of a server with a green arrow pointing to it. Below this, there are several input fields and dropdown menus:

- User name: johnsmith
- Password: (masked with dots)
- Server name: http://localhost:8080
- Publish to: Repository/Site
- Site URL name: review-team
- Project name on server: Categorization requirements
- Scope: (empty field with a browse button '...')
- Template: A dropdown menu is open, showing options: Entire Model, Requirements, Requirements Document, SysML, and Usage cases (which is highlighted with a mouse cursor).
- Diagram image file format: .SVG

At the bottom right, there are 'Publish' and 'Cancel' buttons.

Selecting the custom Usage cases template in the Cameo Collaborator Publisher dialog.

View is a standalone description of the model within your template. In general, each view is used to display a certain type of information. You can create as many views as required. Different views not only display different types of information, e.g., requirements or use cases, but also create separate navigation trees (views) in a published project. Note that you can choose to have all of your views displayed in a single tree by enabling the Single Tree View mode.

The main properties of a View element are:

- **Skip if Empty** - if set as *true*, a published project does not display views without data.
- **Document View** - if set as *true*, this particular view of a published project is presented as a continuous document.
- **Allow To Switch Property View Mode** - if set as *true*, the mode of this particular view can be switched from Model View to Document View and

vice versa. To change the mode when browsing a published project, open the view, click **? Unknown Attachment**, and select **Model View** or **Document View**.

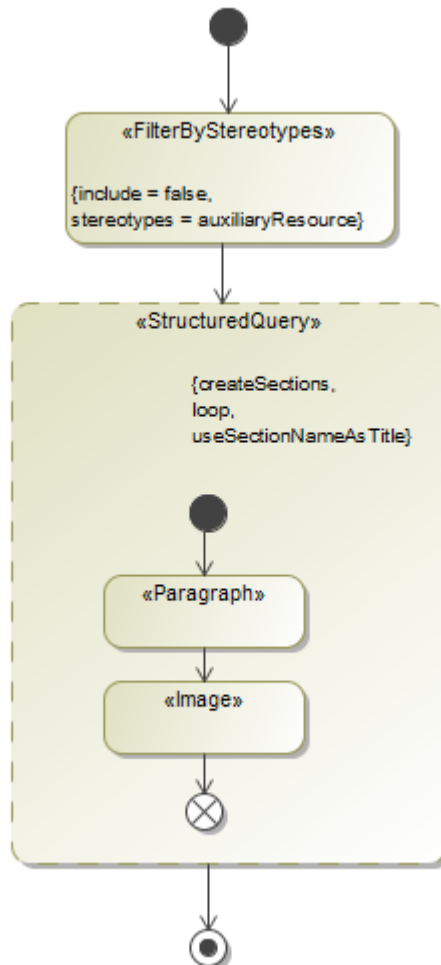
ViewPoint is used to define the rules that dictate how information is collected from the model and displayed on the web. Viewpoints are related to views through a Conform relation. The rules contained in a viewpoint are modeled in an activity-like form utilizing a special Viewpoint Method Diagram.

Creating a Viewpoint Method Diagram

To create a Viewpoint Method Diagram

1. In the model browser or in the View Diagram, select the element with the «Viewpoint» stereotype, and click **Create Diagram** in the main toolbar.
2. In the open dialog, select **Collaborator Viewpoint Method Diagram** under the **Cameo Collaborator** group.
3. In the open text box, enter the diagram name.

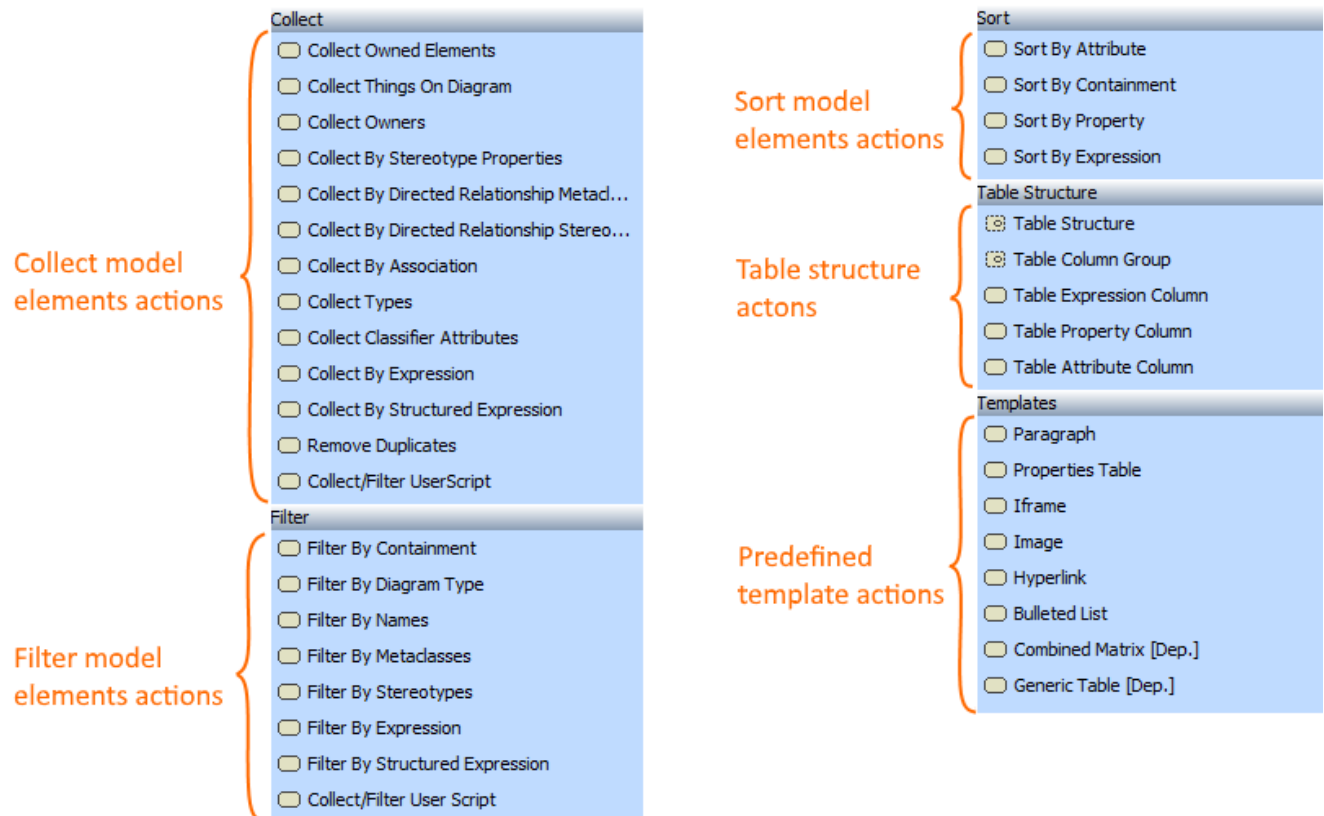
The figure below shows a basic example of a Viewpoint Method Diagram.



A Viewpoint Method Diagram has predefined actions. These actions are used to create the template that displays the model information in the web portal. Predefined actions can be grouped by their purpose:

- **Collect model elements** actions - collect various model elements according to different parameters.
- **Filter model elements** actions - filter model elements by specific criteria.
- **Sort model elements** actions - define the order of model elements.
- **Presentation** actions - define how the information is displayed on the web
- **Table structure** actions - create custom table templates, and export information into the table.
- **Predefined template** actions - display information in the specific way defined by the chosen template, e.g., the **Paragraph** action displays information as a paragraph, the **Image** action exports information as an image, the **BulletedList** action creates a bullet list.

Available predefined actions are located on the diagram palette on the left side of the diagram pane.



The diagram palette containing predefined actions available in a Viewpoint Method Diagram.

Related pages

- [Creating custom model templates](#)
 - [Creating the container for a custom template](#)