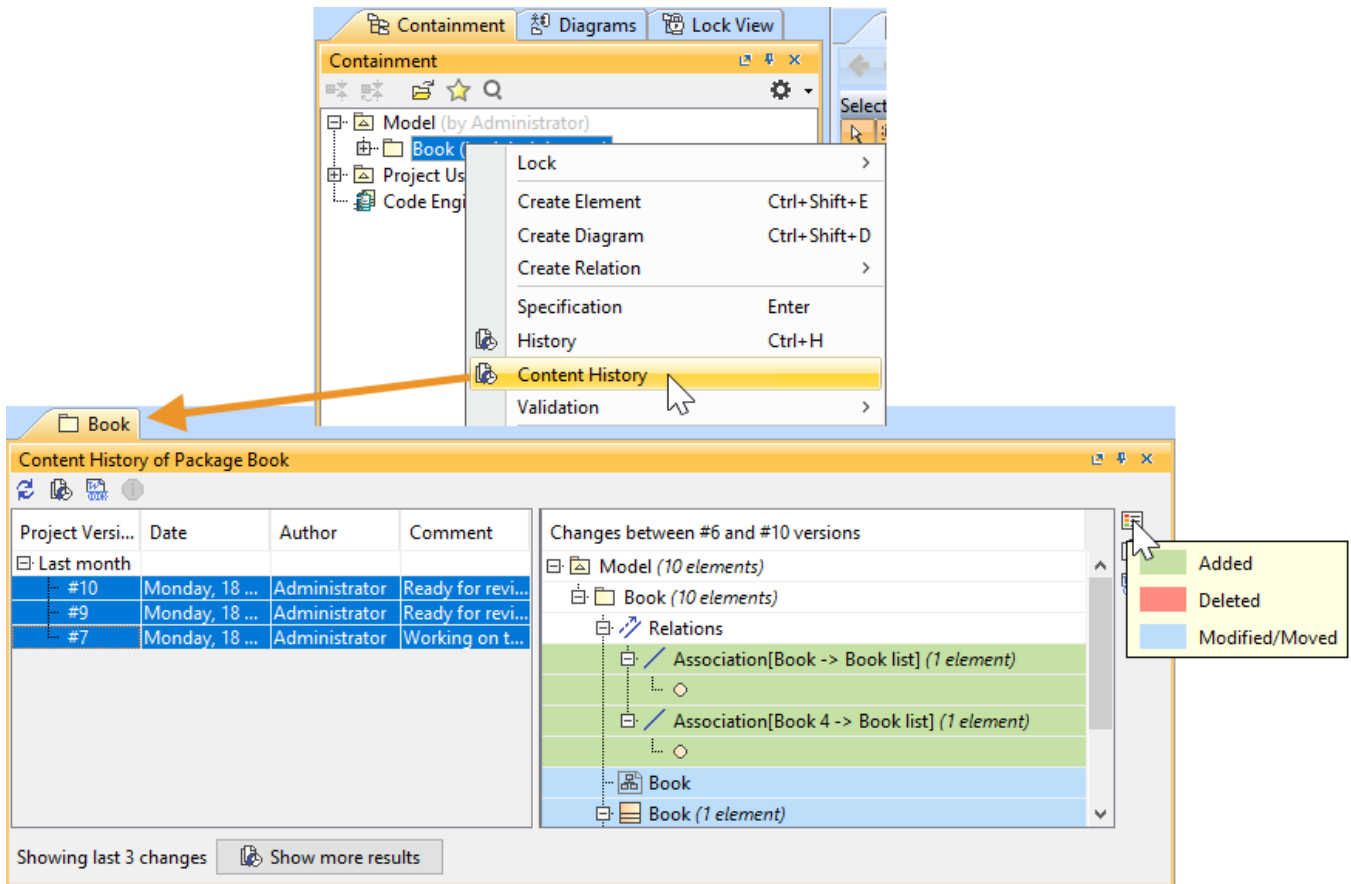# Reviewing content history

You can view changes in the model in a particular scope at the element level; that is, a selected package or a classifier element (a composed element). The ability to see the history of a selected Block, Requirement, or another composed element is a big benefit for system engineers.

History of element changes in the scope of a *Book* package.

In the history review panel, you can see various details about the changes between selected versions, such as the list of elements that was changed, when changes were made, and who made changes. Different colors describe if a particular model element is added, deleted or modified. You can also export the content history of changes to a report in a *docx* format.

Changing the default Show more results value

By default, only 3 project versions are loaded when clicking the **Show more results** button; however, you can change this default value by adding an argument to the properties file of the modeling tool (see instructions below):

1. Go to *<modeling tool installation directory>/bin* and open the properties file of your modeling tool.

2. Do one of the following:

- Enter the *-Dcontent.history.versions* Java argument and define the maximum number of project versions to be loaded, e.g., *-Dcontent.history.versions\=3*.

- Enter the *-Dcontent.history.timeout* Java argument and define the maximum search time (in milliseconds), e.g., *-Dcontent.history.timeout\=20000*.

3. Save and close the file.

To view the changes of a particular project scope

1. Select a composed element in the Containment tree or diagram pane and right-click it.
2. From the shortcut menu, select **Content History**. The history review panel opens, where you can analyze changes between selected server project versions.
3. To see differences between server project versions:
   - Double click the project version to see differences between the selected version and the earlier one.
   - Select the list of versions and click the button.

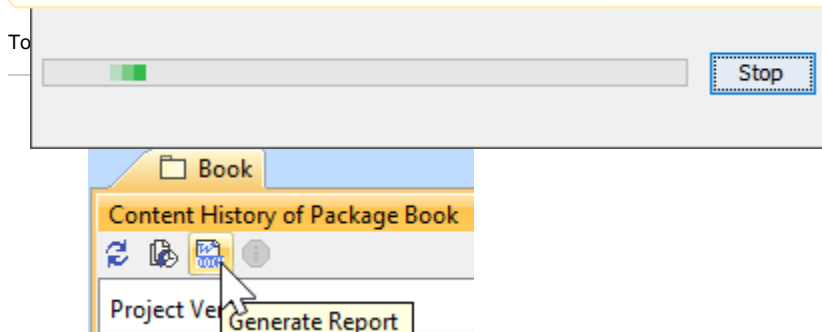
Stopping collecting changes

To display version properties

1. Open the **Content History** panel as described above.
2. Select the project version.

If retrieving the content history takes too much time, you can click the **Stop** button to complete reviewing changes through versions of the selected

3. In the panel's toolbar, click the button or right-click the selected version and select the **Version Properties** command.

composed element.
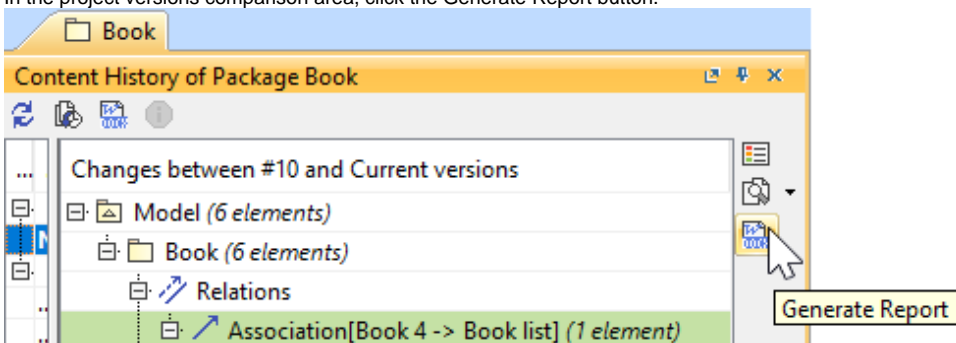
⚠ The button is disabled if either no version or multiple versions are selected.

To

[Stop]

📁 Book

Content History of Package Book

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Project Ve Generate Report

3. The **Save As** dialog opens to specify the location of a report file.

To generate a project Comparison report (Differences report)

1. Open the **Content History** panel.
2. In the project versions comparison area, click the Generate Report button.

📁 Book

Content History of Package Book ⤢ 📌 ✕

🔄 📇 🖼 ⓘ

... Changes between #10 and Current versions 📋

⊟· 🔺 Model *(6 elements)* 🔍 ▾

⊟· 📁 Book *(6 elements)* 🖼

⊟· 〰 Relations

⊟· ↗ Association[Book 4 -> Book list] *(1 element)* Generate Report

3. The **Save As** dialog opens to specify the location of a report file.

ⓘ In a Differences report you can find project scope and element scope:

- Project scope – name, version, the number of elements and diagrams in the compared project versions.

Related pages

- Element scope – name, path and element type of the particular model element that was chosen as a content history scope.
- [Analyzing comparison results](#)
- [Reviewing model history](#)

This Differences report comparison of the project report only includes changes from the chosen model element scope and not the entire model. These
- [Reviewing historical versions of the project](#)
- [Reviewing element history and inspecting changes](#)

changes are included in the sections **Diagram Differences**, **Model Differences**, and **Changes by Type** of the report.