

Publishing a model for editing

If you want to be able to [edit a Cameo Collaborator for Teamwork Cloud document](#), you have to publish it specifically for editing as described below.



Publishing prerequisites



- The Cameo Collaborator Publisher plugin must be installed in your modeling tool.
- Cameo Collaborator for Teamwork Cloud works only with Magic Collaboration Studio projects. If you want to publish a local model, [add it to Teamwork Cloud](#).
- You must have the [user permissions](#) necessary for document publishing.



Recommendations

- If you intend to publish a large model, increase the default JVM heap size of the Cameo Collaborator Publisher plugin as follows:
 1. Go to the `<modeling tool installation directory>/plugins/com.nomagic.collaborator.publisher` directory and open the `publish.properties` file.
 2. Increase the `-Xmx` value, e.g., `-Xmx4000M`. It is recommended to set a larger heap size value than the one defined for your modeling tool.
 3. Save and close the file.
- Depending on the size of the model you intend to publish, [allocate a sufficient amount of memory](#) to your modeling tool:
 - 2 million element model - 24 GB of RAM
 - 1 million element model - 15 GB of RAM
 - 500k element model - 7 GB of RAM

To publish a model to Cameo Collaborator for Teamwork Cloud for editing

1. Start your modeling tool and open the model you want to publish.
 2. In the main menu, select **Tools > Cameo Collaborator > Publish**.
 3. In the **Cameo Collaborator Publisher** dialog, specify the following properties:
 - **Document name** - enter the name of the published document. By default the document name is the same as the model name.
 - **Category name** - select the Magic Collaboration Studio category where the published document will be stored.
 - **Scope** - click  and select the Package or several Packages containing the data you want to publish.
 - **Template** - select the [template](#) for publishing. You can select one of the predefined templates or a custom template used in your model.
- Click  if you want to select a locally stored template or a template stored in Magic Collaboration Studio.



Updating projects

If you update a published model, specify the same template that you used before. Otherwise, the navigation between comments and commented items will be corrupted. To restore corrupted navigation, update the document again using the initial template.

4. If needed, change the following options (click the **Options** button to see the full option list):
 - Select the **Comments in project** check-box, to save Cameo Collaborator comments in the project as model elements.



Saving comments in the project

If you save Cameo Collaborator comments in the project when updating a document, you can migrate the existing comments from the document to the project. However, you will not be able to migrate the comments from the project back to the document. If you clear the **Comments in project** check box when updating the document, the comments previously saved in the project will no longer be visible in the document.

- Select the **Enable commenting** check-box, to allow reviewers create comments in a Cameo Collaborator document.
- Select the **Update previously published document** check-box, to update a previously published document with the same name. If you select this check box when publishing a document for the first time, it will be published as new.

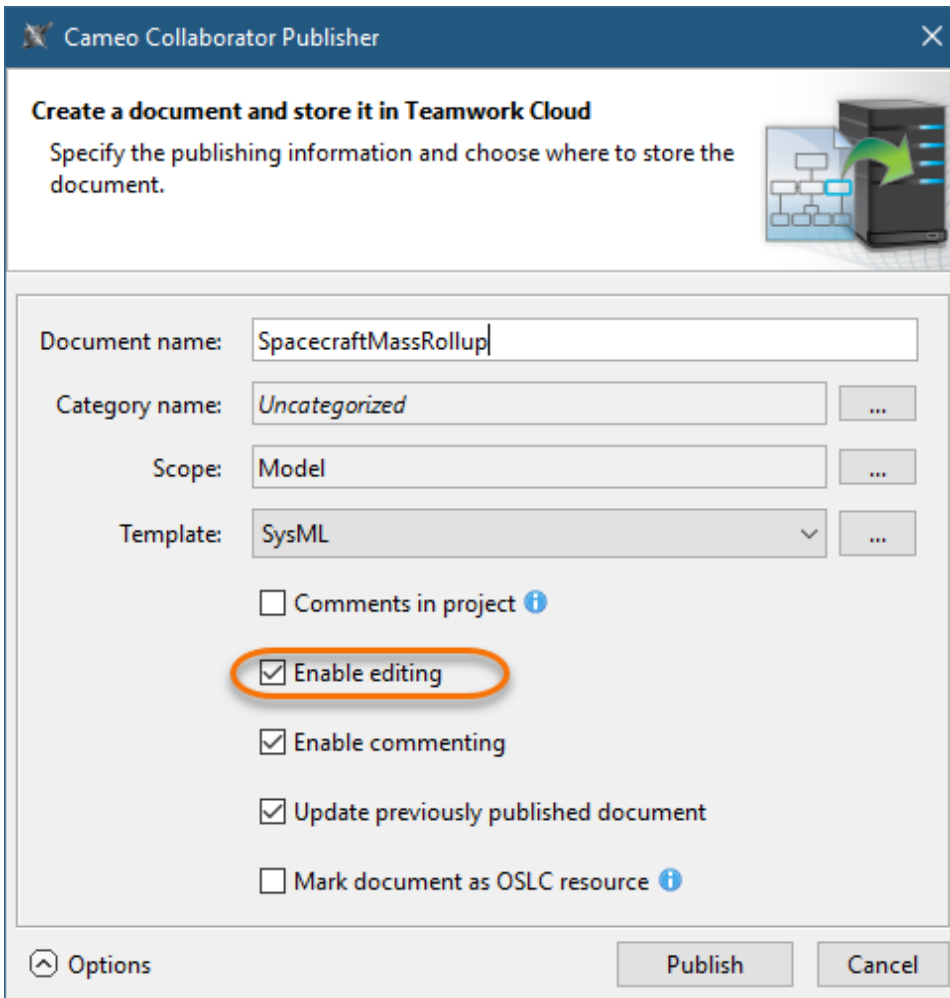


Projects reverted to an earlier version

When publishing, the selected template is automatically used in your model and then committed to Magic Collaboration Studio. If you update a model that has been reverted to an earlier version (without the template used in it), you will corrupt the navigation between existing comments and commented items. Afterwards the navigation cannot be restored.

- Select the **Mark document as OSLC resource** check-box, to publish the model as an OSLC resource.

5. Select the **Enable editing** check box highlighted below.



6. Click the **Publish** button.

Wait until you get the message that the document is successfully published, as publishing a large document may take some time. In addition, the message allows you to copy or open the document URL. For the URL to work, in the main menu, go to **Options > Environment** and specify the **Cameo Collaborator URL** option.

Publishing tips

- To change the number of decimals displayed in Cameo Collaborator documents, in the main menu, go to **Options > Project Options** and specify the **Decimal Places** option. The setting is remembered and used for the documents published from the project.
- You can specify the diagram export options, such as dimensions and building time (the latter applies only to tables and matrices). To learn more, refer to [Diagram image export](#).

Project permissions

When you publish a new document, it inherits [Magic Collaboration Studio project permissions](#). When you update a document, project permissions are not affected.