

Publishing from graphical user interface

Publishing a model from the graphical user interface is a quick way to share it on the web with other team members or stakeholders.



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 a project.



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>/bin` directory and open the `<modeling_tool_name>.properties` file.
2. Increase the `-Xmx` value, e.g., `-Xmx4000M`.
3. Save and close the file.

To publish a Cameo Collaborator document

1. 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



Publishing from a historical version of a model

You can publish a Cameo Collaborator document from a historic version of a model as well. However note that the commenting, editing, and comment-import functionalities in such a document will be disabled.

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 choose to 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.

- Select the **Enable editing** check box, to allow editing the model from a Cameo Collaborator document.
- Select the **Enable commenting** check-box, to allow reviewers to create comments in a Cameo Collaborator document.
- Select the **Update previously published project** check-box, to update the document previously published from this model with the same name. If you select this check box when publishing a model for the first time, the model 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 document from the 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. Afterward, navigation cannot be restored.

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

Cameo Collaborator Publisher

Create a document and store it in Teamwork Cloud
Specify the publishing information and choose where to store the document.

Document name:

Category name:

Scope: ...

Template: ...

☐ Comments in project ⓘ

☐ Enable editing

☒ Enable commenting

☒ Update previously published document

☐ Mark document as OSLC resource ⓘ

Options Publish Cancel

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.



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.

Related pages

- [Publishing Cameo Collaborator documents](#)
 - [Publishing from command line](#)