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

To be able to publish models to Cameo Collaborator for Teamwork Cloud:

- The Cameo Collaborator Publisher plugin must be installed in your modeling tool.

Project permissions

When you publish a new document, it inherits Teamwork Cloud project permissions. When you update a document, project permissions are not affected.

- The model you are trying to publish must be stored in Teamwork Cloud. If you want to publish a local model, first add it to Teamwork Cloud.
- 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.bat* file on Windows.
   - The *publish.sh* file on OS X or Linux.
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.

To publish a Cameo Collaborator for Teamwork Cloud document

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 Teamwork Cloud 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 Teamwork Cloud.
   - Depending on the size of the model you intend to publish, allocate a sufficient amount of memory to your modeling tool:
     - 300k element model - 7 GB of RAM

     Updating projects

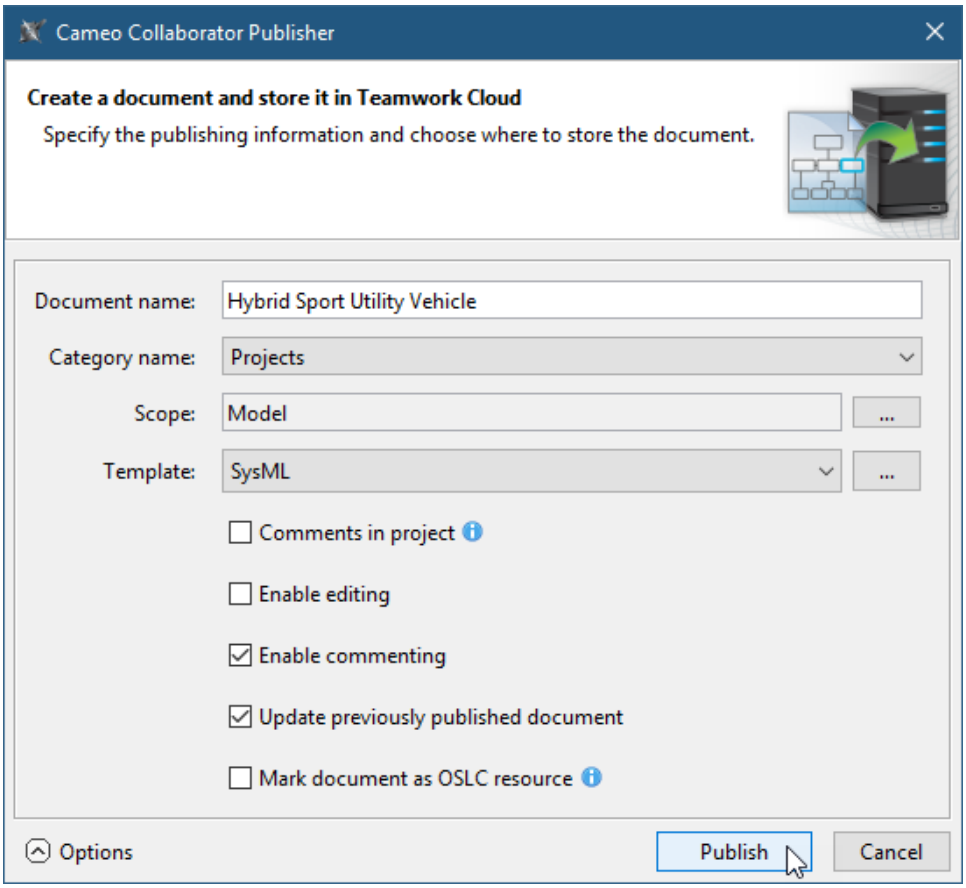
     If you update a published model, specify the same template that you used before. Otherwise, the navigation between comments and commented items will be corrupted. To restore corrupted navigation, update the document again using the initial template.
4. If needed, change the following options (click the **Options** button to see the full option list):
   - Select the **Coments 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. If you clear the **Comments in project** check box when updating the document, the comments previously saved in the project will be removed from this published project.
   - 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 Teamwork Cloud. 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.



Wait until you get the message that the document is successfully published, as publishing a large model may take some time.

Getting document URL

The message that a document is successfully published contains links allowing you to copy the document URL or open it. For the links to work, in the main menu, select **Options** > **Environment**, select the **Cameo Collaborator** option group on the left side of the **Environment Options** dialog, and specify Cameo Collaborator URL.

Related pages

- Publishing Cameo Collaborator documents
  - Publishing from command-line interface