


# Using Used Projects Auto Update Wizard

This section describes how to use the Used Projects Auto Update Wizard to configure and generate properties file.




## Use dedicated user

After you enable the plugin, it is highly recommend that you log in to the Teamwork Cloud environment in the modeling tool with a dedicated user. This is the only way to ensure that all dedicated user permissions are checked and the properties file will be set correctly.

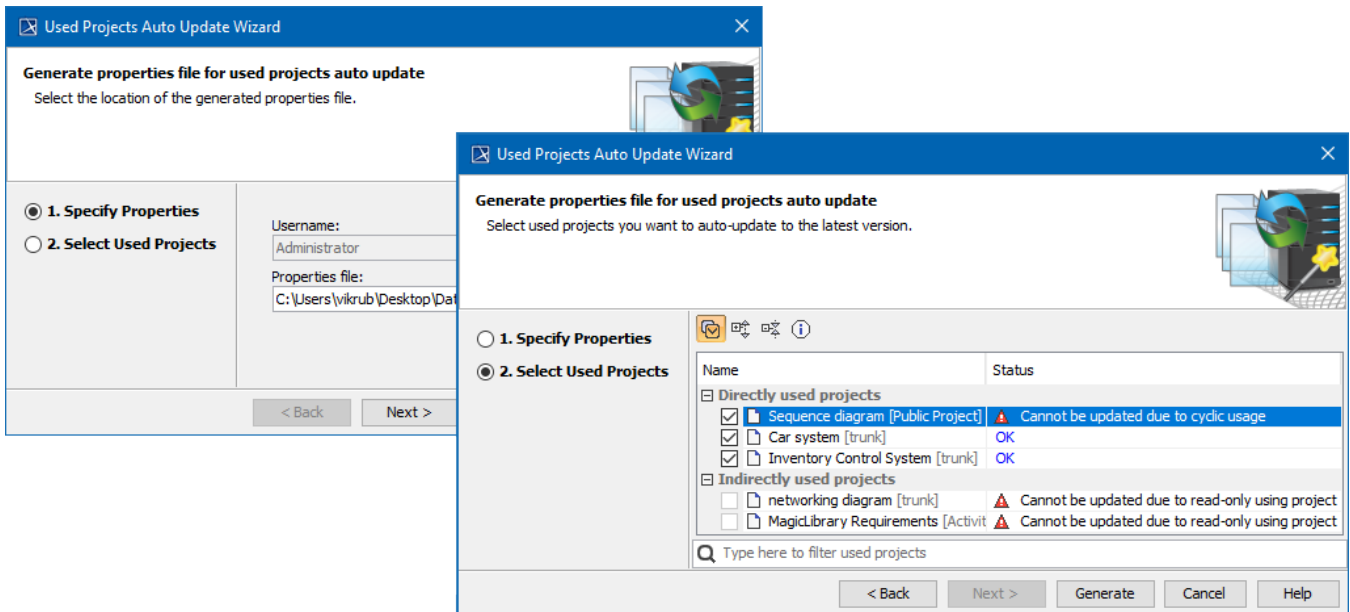
After the plugin is enabled in the **Project Usages** dialog you will see a new button: **Used Projects Auto Update Wizard** .

To open the Used Projects Auto Update Wizard

1. Make sure the plugin is enabled.
2. Login with the dedicated user, and only then open the project in order to continue using the Used Projects Auto Update Wizard.
3. To open a wizard, go to the **Project Usages** dialog.
4. Click on the button  **Used Projects Auto Update Wizard**. The wizard dialog opens.

To configure a properties file with the Used Projects Auto Update Wizard

1. In the opened **Used Projects Auto Update Wizard** dialog, you can see the username you are logged in with. This user will be set up for the properties file to automatically update used projects.
2. In the **Properties file** field, you need to select a file and location to overwrite or save the new properties file that will be generated for the plugin.
3. After you have selected a properties file, click **Next**.
4. Select directly and indirectly used projects. Values listed in the Status column show whether or not a used project can be updated.
5. After you select the used projects, click **Generate** to create the properties file that will be used later by a [command line tool](#).



The image shows two screenshots of the 'Used Projects Auto Update Wizard' dialog. The left screenshot is titled 'Generate properties file for used projects auto update' and shows the 'Specify Properties' step. It has a 'Username' field with 'Administrator' and a 'Properties file' field with 'C:\Users\vikrub\Desktop\Dat'. The right screenshot is also titled 'Generate properties file for used projects auto update' but shows the 'Select Used Projects' step. It has a table with 'Name' and 'Status' columns. The table lists 'Directly used projects' and 'Indirectly used projects'. The 'Directly used projects' section includes 'Sequence diagram [Public Project]' (Cannot be updated due to cyclic usage), 'Car system [trunk]' (OK), and 'Inventory Control System [trunk]' (OK). The 'Indirectly used projects' section includes 'networking diagram [trunk]' (Cannot be updated due to read-only using project) and 'MagicLibrary Requirements [Activit]' (Cannot be updated due to read-only using project). There is a search bar at the bottom of the table with the text 'Type here to filter used projects'. At the bottom of the dialog are buttons for '< Back', 'Next >', 'Generate', 'Cancel', and 'Help'.

Name	Status
<b>Directly used projects</b>	
<input checked="" type="checkbox"/> Sequence diagram [Public Project]	⚠ Cannot be updated due to cyclic usage
<input checked="" type="checkbox"/> Car system [trunk]	OK
<input checked="" type="checkbox"/> Inventory Control System [trunk]	OK
<b>Indirectly used projects</b>	
<input type="checkbox"/> networking diagram [trunk]	⚠ Cannot be updated due to read-only using project
<input type="checkbox"/> MagicLibrary Requirements [Activit]	⚠ Cannot be updated due to read-only using project

Used Projects Auto Update Wizard dialogs.



To see where the selected used project is used, click the **Project Usage Information** button. This will help to find update paths. An *update path* is a path of projects that must be updated in order to update a certain used project.

## Possible errors and warnings with explanations



**Warning: Causes version conflict with at least one used project.**

This warning indicates that in this project, there is at least one other unselected used project that is using the same project. In order to achieve consistency on the model, we recommend updating all used projects that use this particular project.



**ERROR: Cannot be updated due to insufficient permissions.**

This error indicates that the user who is logged in does not have enough permissions to update this particular project. Please add required permissions for the user in order to update this project.



**ERROR: Cannot be updated due to read-only using project**

This error indicates that the used project is being used in a read-only project (e.g. public branch); thus, we can not commit a new version of a read-only project in order to update the selected project. Please use this project directly or in another project with a branch for which the user has read-write permissions.



**ERROR: Cannot be updated due to cyclic usage.**

This error indicates that the used project has cyclic dependencies between projects. Please remove any used projects from this used project that would cause a cycle between projects.



**ERROR: Cannot be updated due to missing update path.**

This error can appear on indirectly used projects due to a missing update path. An *update path* is a path of projects that must be updated in order to update a certain used project. The following example explains this term:



**An example**

A Main Project uses project A. Project A uses Project B. In order to update Project B in the Main Project, we are required to update Project B in Project A first and then update Project A in the Main Project. Thus, the update path for Project B is: Main Project > Project A.