Troubleshooting used project version conflicts

When the same used project is used multiple times in the same project, either directly or through another used project, inconsistencies may happen. Version conflicts are detected if a project uses multiple versions of the same used project.

🕢 🛛 An example

You have projects: A, B and C. Project A uses both project B and version #1 of project C. However, project B also uses project C, only the version #3. This means that project A uses version #1 and version #3 (through project B) of project C, causing inconsistencies between the used versions of project C.

To check used project version inconsistencies

- 1. From the main menu, select Collaborate > Project Usages > Project Usages.
- 2. Select a used project on the left pane.
- 3. On the right side of the dialog, Version line displays the version of the used project.
- 4. When there are version inconsistencies, 🛆 icon is displayed. Hover over it to see the used project version inconsistencies warning.

Project Usages X	Project Usages X			
Specify project usage options See all project usages in the model. In this dialog, you can add a new used project, modify an existing usage, or update your project usages to the latest versions. To modify an existing usage, select a project on the left side, change its options on the right side, or use the commands in the dialog toolbar. Make sure you lock the	Specify project usage options See all project usages in the model. In this dialog, you can add a new used project, modify an existing usage, or update your project usages to the latest versions. To modify an existing usage, select a project on the left side, change its options on the right side, or use the commands in the dialog toolbar. Make sure you lock the			
🔕 🕫 🗄 🐂 🐚 â≋ 🦘 Car				
Car Wheel Vorrige:	UML_Standard_Profile.mdzip Project Type: Server Project Car Wheel Vorcion			
UML_Standard_Profile.mdz	UML_Standard_Profile.mdz Version Currently used project 'Car' version conflicts with the Currently used project 'Car' version conflicts with the			
be that different projects require different versions of the project 'Car' at the same time.	be that different projects require different versions of the project 'Car' at the same time.			
Open	Open			
OK Cancel Help	OK Cancel Help			

In the example above, you can see project Car version #1 used directly in Project Vehicle and project Car version #3 used in Project Vehicle through project Wheel.

The term #1/3 denotes that 1 is the used version and 3 is the latest version.

Used project version selection

When an inconsistency is detected, the tool selects one single version of the same used project to be used and displayed in the main project according to the following rules:

• The shortest usage path to the used project.

Usage path				
When the same used project a project, or by using other used project A. The version of a us through another project. To re	A is used multiple tii I projects (e.g. B, C ed project that is us view usage paths c	mes in the main project, it can c, D, etc.) that use the used pr ed directly has the shortest us of used project's versions:	n be done either by using the used project A directly in the r roject A themselves. This determines the usage path to the usage path in comparison to a version of a used project used	nair use 1
1. Open Advanced Pro	ect Usages Configu	uration dialog.		
2 Click the 🛈 button	Project Usage In	formation dialog opens		
		eren geren eren geren er		
🛛 🔀 Project Usage Infor	mation		×	
View details of a used The used project vers directly/indirectly use	project ion and depende d projects appea	encies with other Ir in a tree-like manner.	Suffy as an multi- Origan seject with Origan seject with Mittinarusei poject	
Name	_1	Version 🕕		
🖃 🗔 Project Vehicle				
- 🖬 Car		[trunk] #1/3		
🗄 🗖 Wheel		[trunk] #2/2		
🛄 🗖 Car		[trunk] #3/3		
	2			
			Close	
Here you can see that the pro	ject Car is used twi	ce in the Project Vehicle. The	e first usage of project Car is nested within Project Vehicle d	irec
while the second usage is nes	ted within project W age path. Consegu	Vheel. This means that the ve ently, the more nested the us	ersion of project Car that is nested the least of all the other used project, the longer the usage path to it is.	isag

• If there are multiple shortest usage paths to the used project, the one that was used first will be the one selected for usage.

Resolving used project version inconsistencies

Used project version needs to be changed manually in order to resolve used project version inconsistencies.