Branching projects

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You need to have the Project Merge plugin license key to use the merge functionality in MagicDraw, Cameo Enterprise Architecture, and Cameo Systems Modeler.

Permissions

To create, remove, or rename a branch, you need to have an Administer Resources permission assigned.

Project branching duplicates versions of a project and enables users to work simultaneously on them. Branching increases productivity for those, who have several development teams working on a single product and have to merge several development branches before releasing the product.

Branches can be created from any version of a Teamwork Cloud project or its branch. The branch version holds the information about the project version it is derived from. Every branch version can be tagged. Two versions of the same of different project branch can be compared and merged into a single one.

Projects that have usages can be branched *with* or *without* these usages. In the later case, the branch version of the project references versions of the projects used in the project, which that branch is derived from (it can be the latest version or some specific version selected by the user).

To create a project branch

- 1. From the main menu, select Collaborate > Projects. The Manage Projects dialog opens.
- 2. Select a project you want to branch.
- 3. On the toolbar of the Manage Projects dialog, click the Select Branches button 📴. The Select Branch dialog opens.
- 4. In the open dialog, click the Edit Branches button. The Edit Branches dialog opens.
- 5. Select a project version you want to branch.
- 6. Click the Create Branch button. The Create Branch dialog opens.
- 7. In the open dialog, type the branch name and comment.

🔀 Create Branch	×
Branch name:	
1.0 beta version	
Comment:	
Basic system is created.	
Branch used projects	
OK Cancel Help	

8. Click OK. The new branch is created, and the dialog closes.

9. The Edit Branches dialog displays the new branch of the project.

Create or remove branches Review detailed branch informa				
	ation. Create, rename,	or remove branches.		0
Alarm system			<	⊁ -
Version	Author	Date	Comment	
⊡trunk	Administrator	Thursday, March 15, 2018		~
⊡ 5 (1.0 beta version)	Administrator	Wednesday, July 4, 2018 5	Auto-migrated due to profil	
⊡ 1.0 beta version	Administrator	Monday, September 10, 20	Basic system is created.	
8 [Major]	Administrator	Monday, September 10, 20	Added Class diagram	
7	Administrator	Monday, September 10, 20	Auto-migrated due to profil	
6	Administrator	Monday, September 10, 20	Basic system is created.	
4	Administrator	Tuesday, June 12, 2018 4:	Auto-migrated due to profil	
3	Administrator	Tuesday, April 3, 2018 4:3	Element added	\mathbf{v}

- 10. Click OK. The dialog closes.
 11. If you want to open the newly created branch, do the following:

 a. Select it in the Select Branch dialog and click OK. The dialog closes.
 b. In the Manage Projects dialog, see that branch instead of the branched project.
 c. Click Open. The branch opens.