

# Creating model variants in server projects

For [server projects](#), we suggest that you store a system model in the trunk and generate product versions in branches.



## Lock elements

Make sure you can lock the model before transformation (you can see locks in the **Lock View** tab). Otherwise, the transformation will only be partial, and you will be notified about elements that could not be locked.

To keep the 150% model of the system, make sure you do not commit a realized variant to the trunk after the transformation. Commit a realized variant model to a branch or store it locally.

To store a version in a branch

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1. Open a server project of your system model.
2. [Generate](#) a particular variant of your model.
3. On the main menu, click **Collaborate > Commit to Branch**. The **Select Branch** dialog opens.
4. In the dialog, select the desired branch and click **OK**.



## First commit

If you need to create a new branch, in the open dialog, click **Edit Branches** button.

5. Write a comment for the model version you are committing and click **Commit**.