Creating model variants in server projects

For server projects, we suggest that you store a system model in the trunk and generated 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

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**.