Code Engineering in Server Projects

> For more information about general code engineering functionality, see MagicDraw CodeEngineering UserGuide.pdf which can be found in <MagicDraw installation directory>\manual.

To generate code in the server project

1. From the Code engineering sets shortcut menu in the Browser, select **New** and then select a code engineering language. Type a name for new set.
2. Add elements from the Data branch to the newly created set. All elements (locked and unlocked) can be added to set for code generation. Drag & drop them from the Browser tree.
3. Select the code engineering set, containing elements in the Browser and from the shortcut menu, select **Generate**. The code is generated for all elements.

To reverse code in the server project

1. From the created code engineering set shortcut menu, select **Edit**.
2. Specify the Working Directory and Working Package, to where reversed elements will be placed in the model.

> Reversing the whole set to a defined package is allowed only if the package is locked.

1. In the **Add File** tab from the Round Trip Set dialog, add code files from the **All Files** list to the **Set** list. Click **OK**.
2. From the modified code engineering set shortcut menu, select **Reverse**. Define options in the Reverse Options dialog. Click **OK**.

When performing a round-trip code engineering, code cannot be reversed for unlocked elements - the Reverse command will be disabled in shortcut menu.