

# Task Description

During the following tasks, you have to enter concrete data at multiple occasions. Please do not spend large amounts of time coming up with creative data. Try to imagine a school and homework scenario for example. *notEmpty* constraint checks are disabled so you can skip most fields if necessary. However always make sure to specify the *Title* if required.

## Part 1: Preset Usage

1. Create two new todo (instances) and enter valid attribute data.
2. Create a project (instance) and enter valid attribute data.
3. Copy the project ExtendedID (if in insight mode) or ID Link (if in user mode)
4. For both todos: open the todo and create an association to the project by using the copied id.
5. Do the same the other way around: add both todos to the project.

## Part 2:

### Model Modification I

1. Change the todo type in the Model Editor by removing one attribute and adding a new attribute (choose the values by yourself)
2. Open one of the old todo instances, has something changed?
3. Create a new todo instance, has something changed? Observe what happens if you add this todo to the existing project.

### Model Modification II

1. Create a new type fragment called "Meeting". A meeting is a special type of todo but has a supervisor and a location as additional attributes. Configure the type accordingly.
2. Create a meeting instance, enter valid data and add it to the project. Why does this work? Try coming to a conclusion.

### Model Modification III

*We now no longer want to specify the location of a meeting as a simple attribute. Instead, we want to create independent locations (address, room number etc.). Such rooms can contain multiple meetings, but every meeting can only be located in one room.*

1. Modify the type structure accordingly. Every type should also be a NamedElement.
2. Try your result by creating some instances