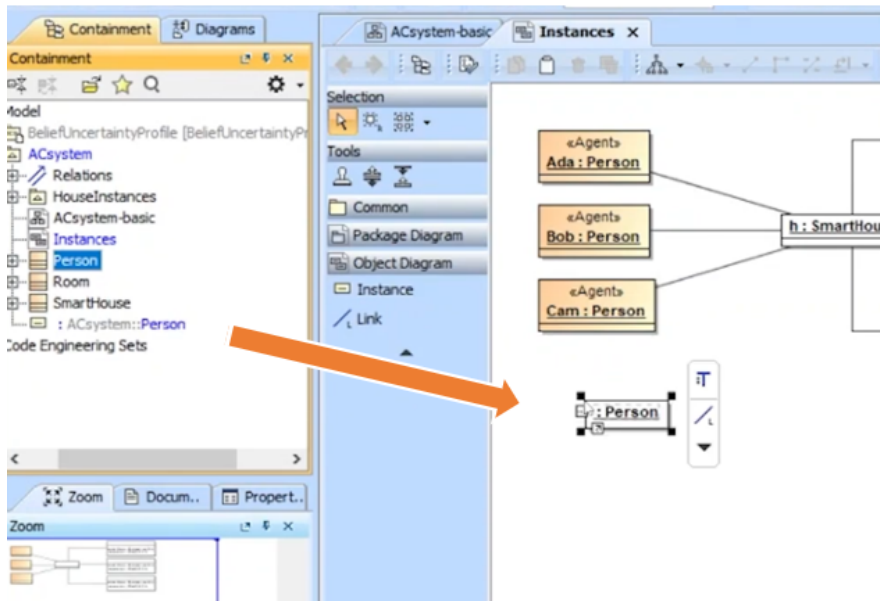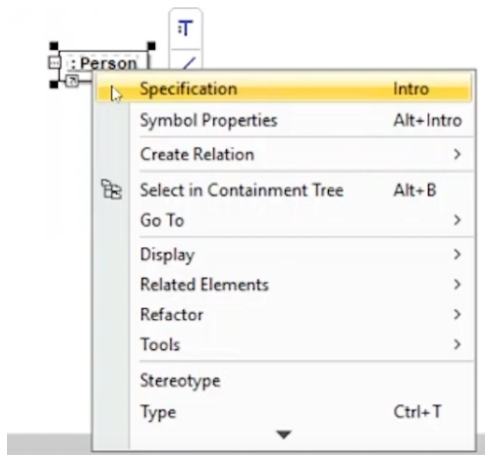# Cheat sheet: How to assign a belief to a model element
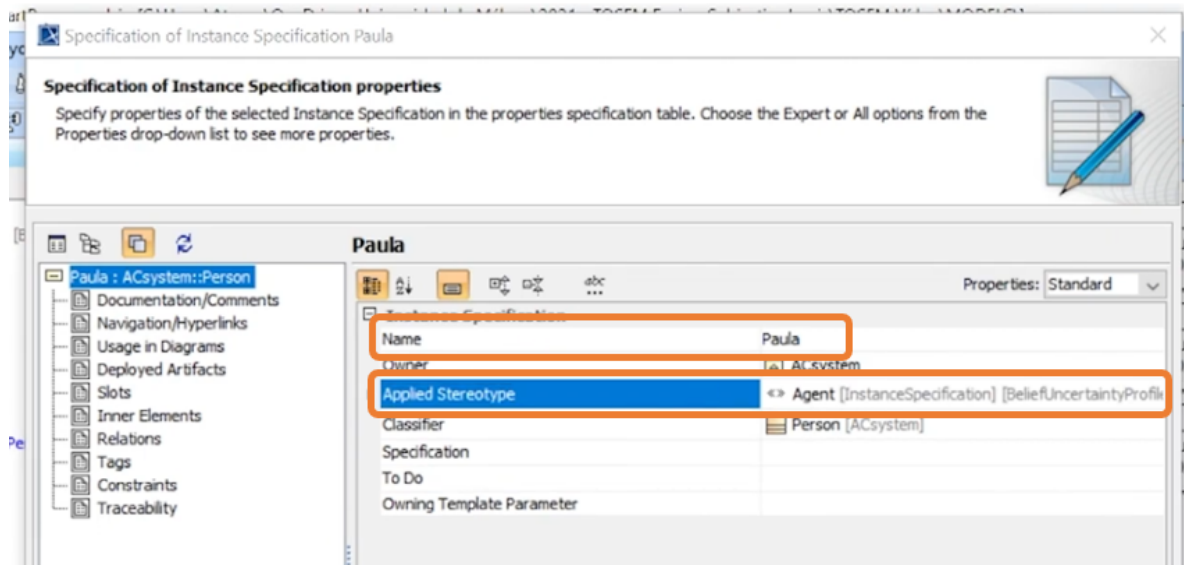
Step 1: Create an Agent

1. In an *object diagram*, drag and drop the class that you wish to use as an agent.
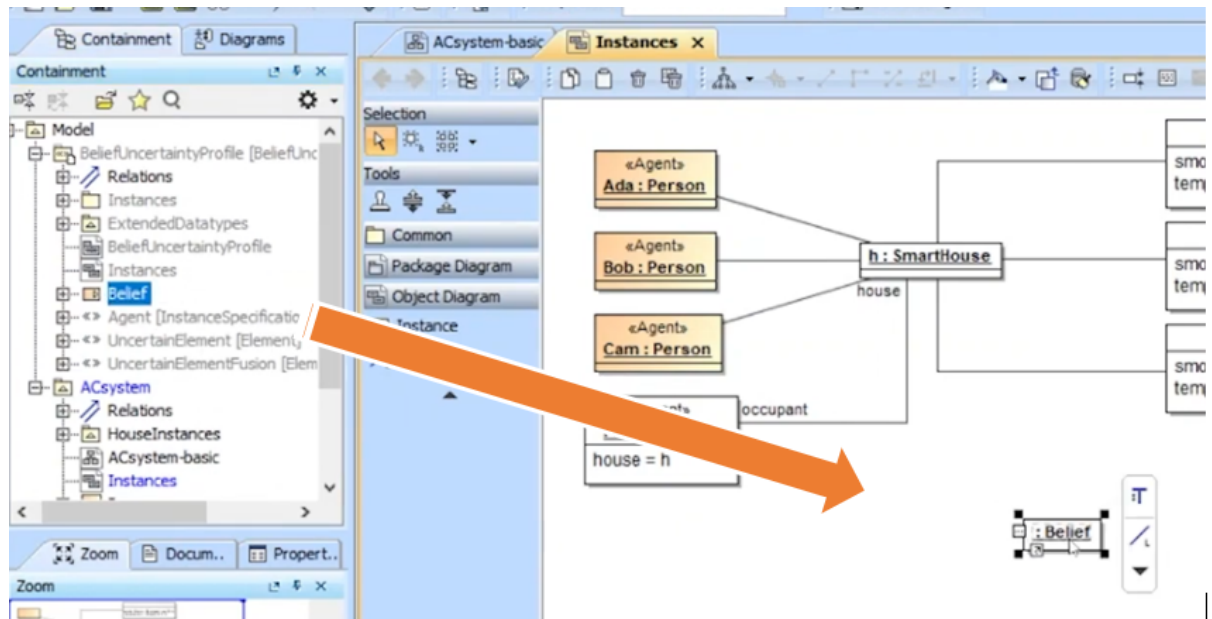

2. Right click, and select the option *Specification.*

3. Set the attribute *Name* as the agent's desired name and the attribute *Applied Stereotype* selecting the option *Agent*.

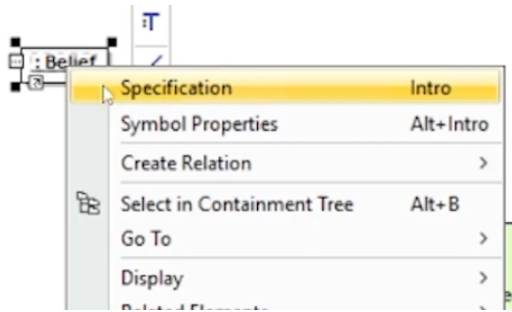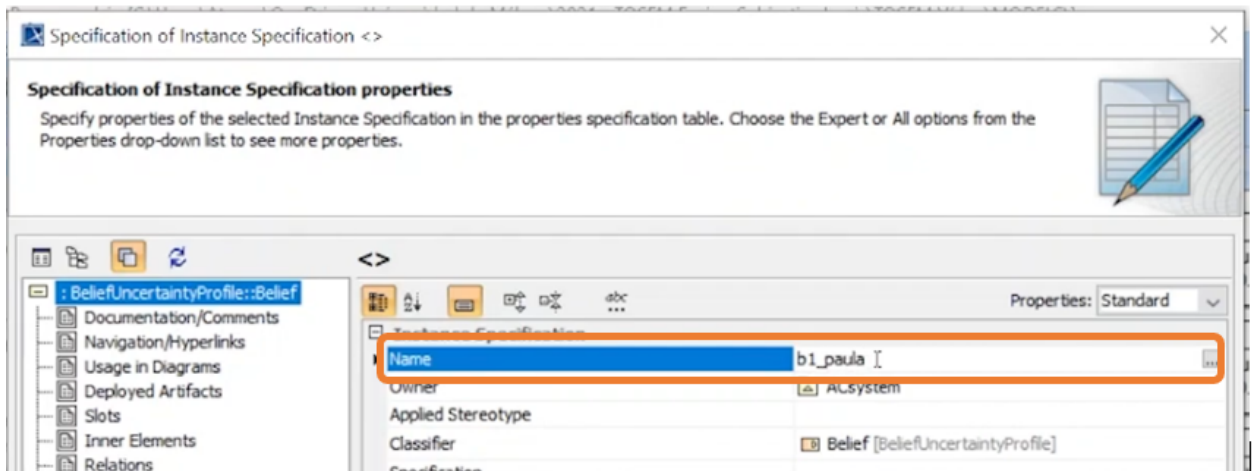## Step 2: Create a Belief

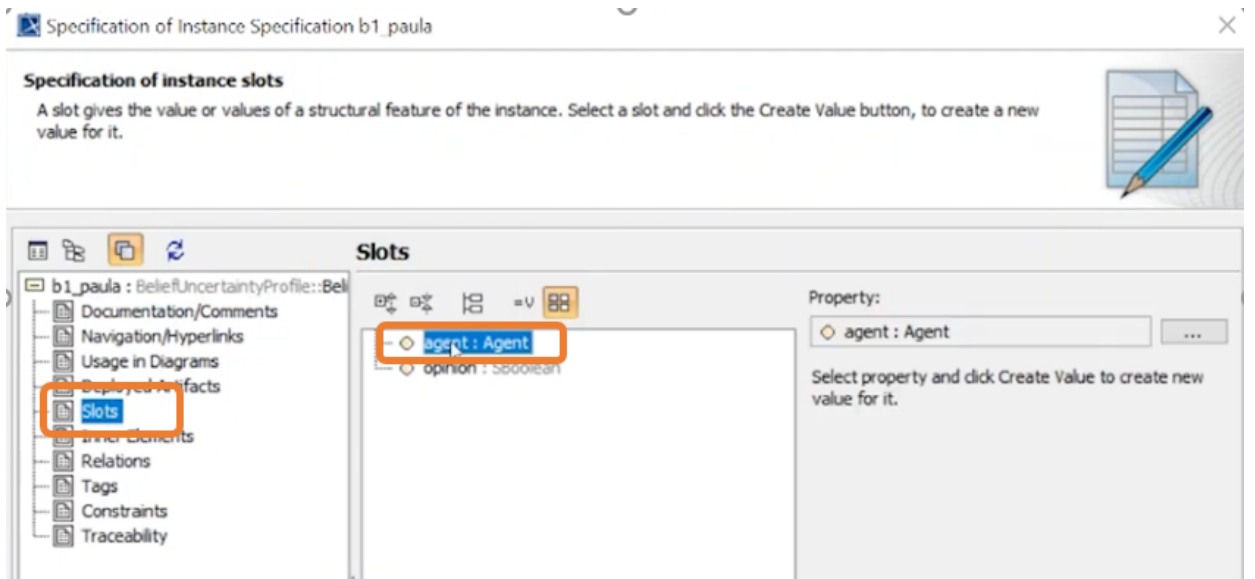1. Drag and drop the Belief data type to instantiate one.

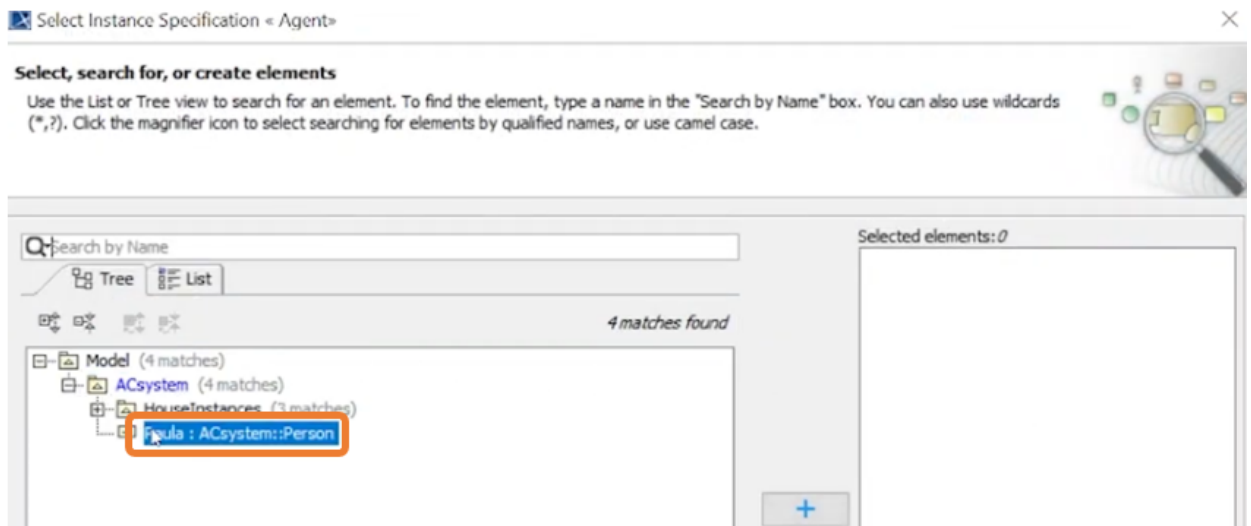2. Right click, and select *Specification.*
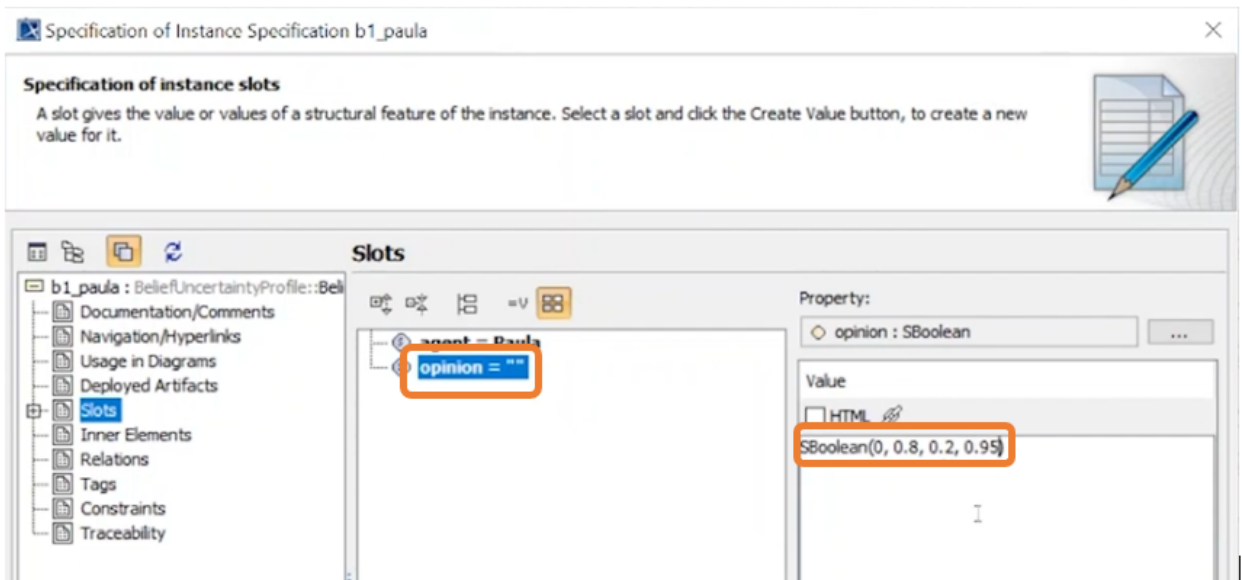

3. Set the attribute *Name.*

4. Select *Slots,* and in the section, double click on *agent*.

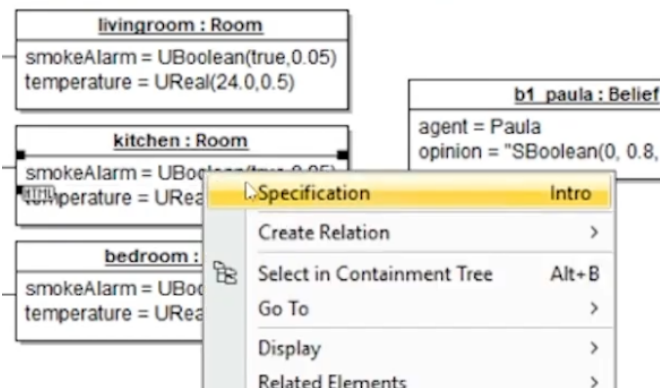5. Double click on the agent to select it. Then, click *OK*.

6. Double click on *opinion,* and type the SBoolean value. Then, click *Close.*
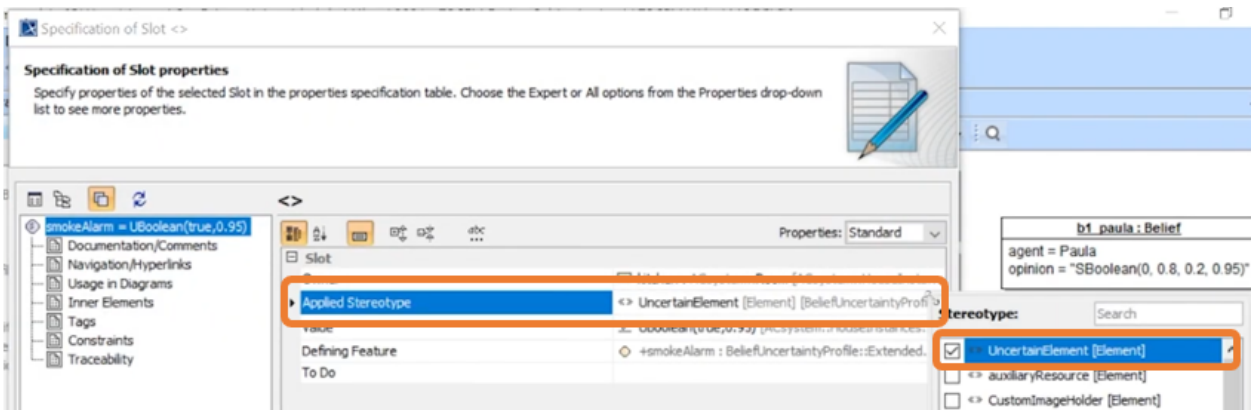
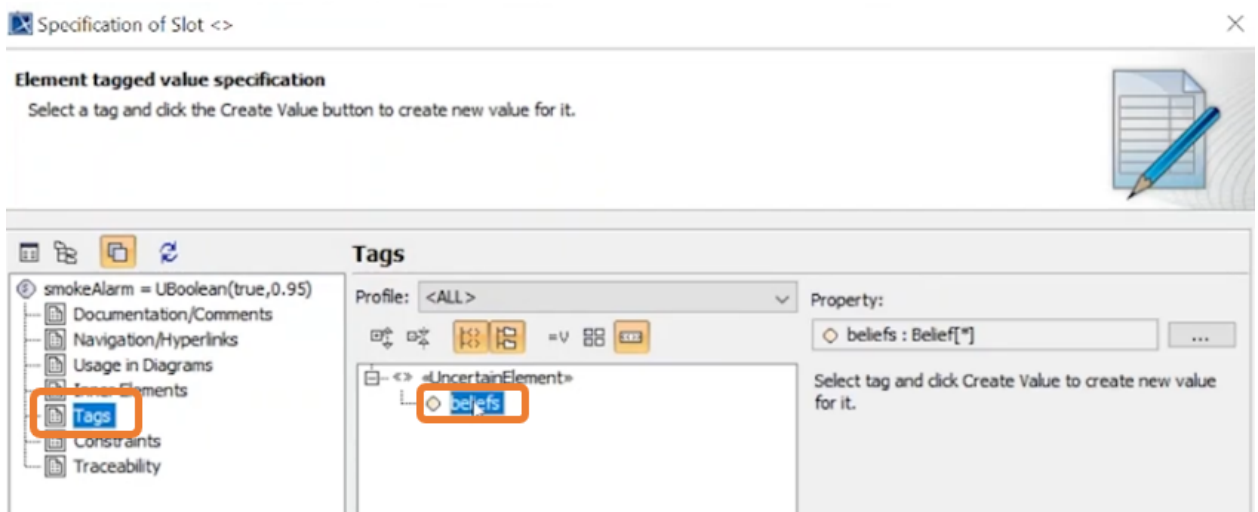**Step 3:** Assign the Uncertain Element Stereotype and add the belief

1. Select the element to which you want to assign the belief (attribute, class, link). Right click on it, and select the option *Specification.*
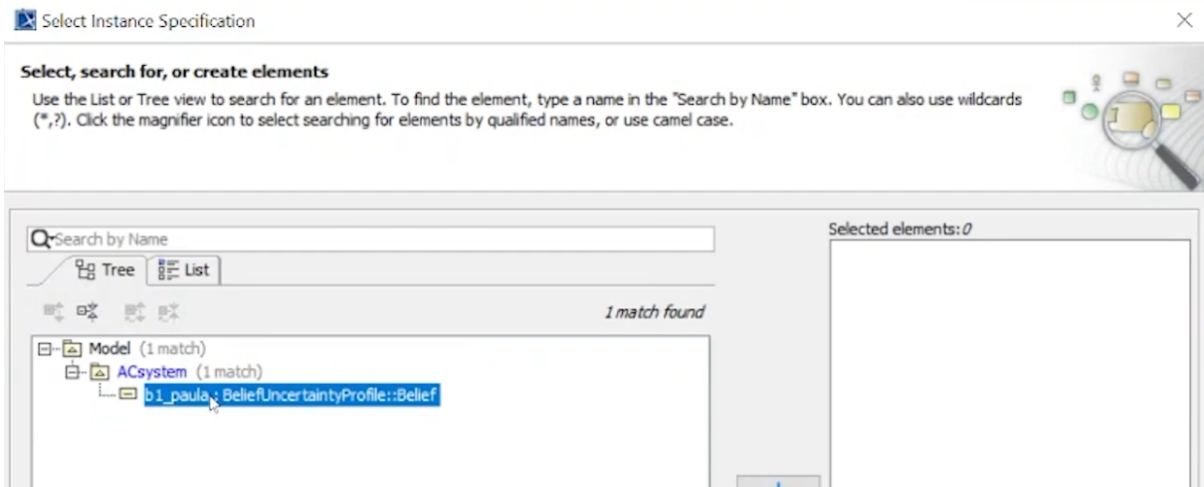

2. In the field *Applied Stereotype,* select the option *Uncertain Element.*
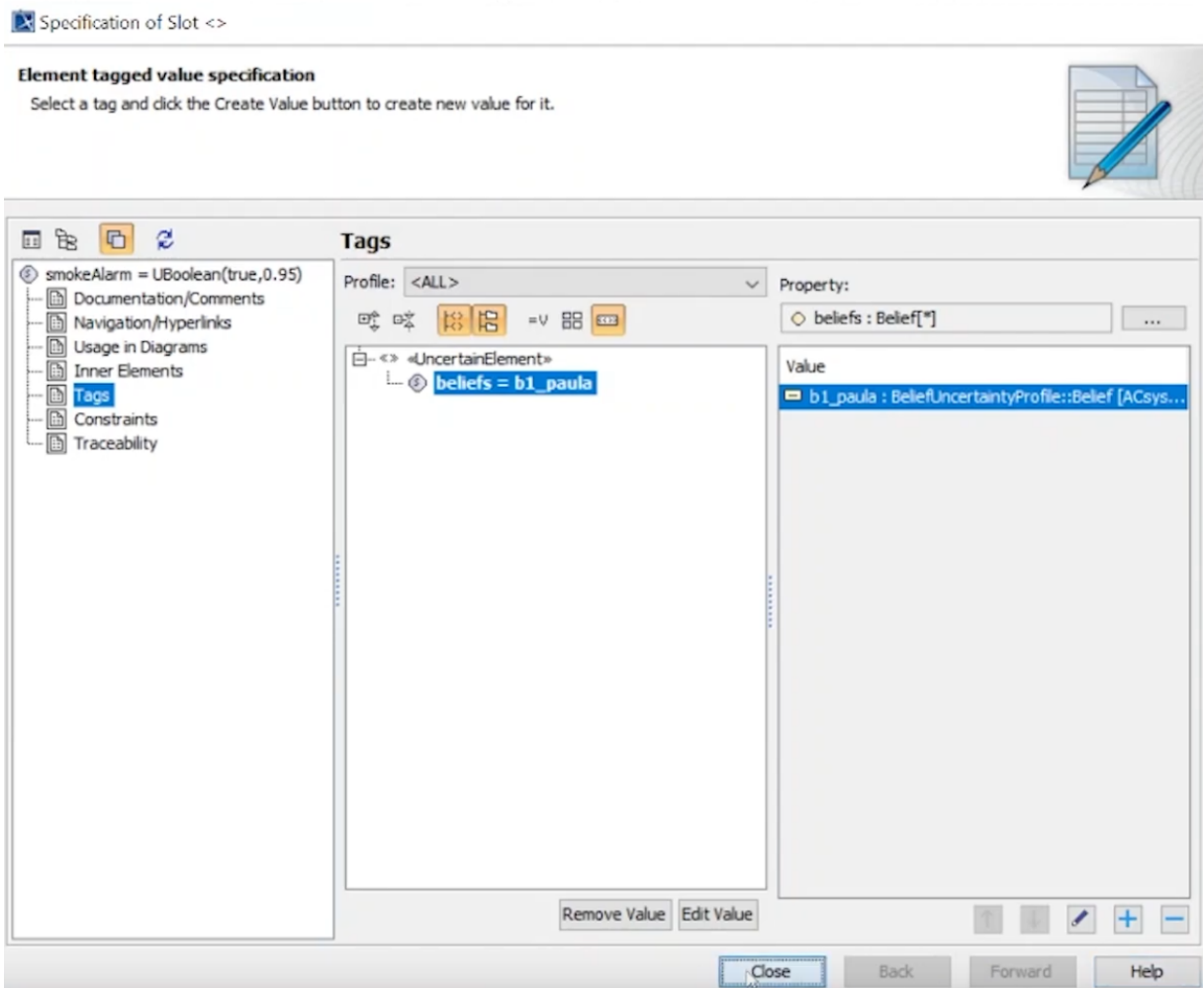

3. Select *Tags,* and double click on *beliefs* to assign the previously created belief to the model element.

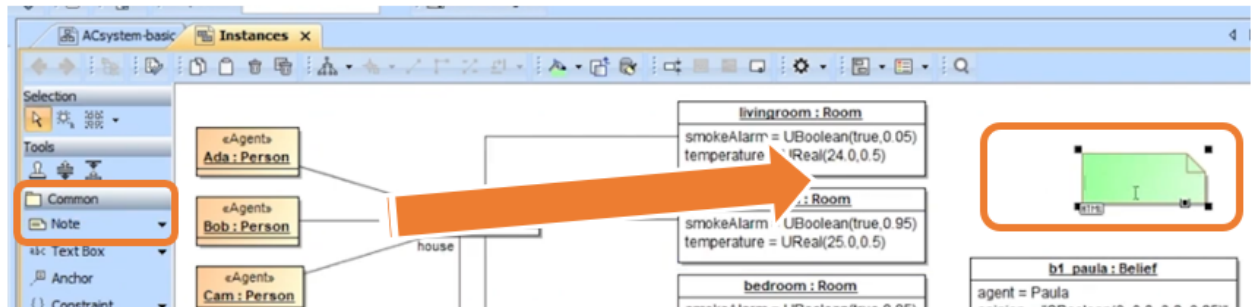4. Double click on the corresponding belief, and click *OK*.

5. Click close on the previous window.

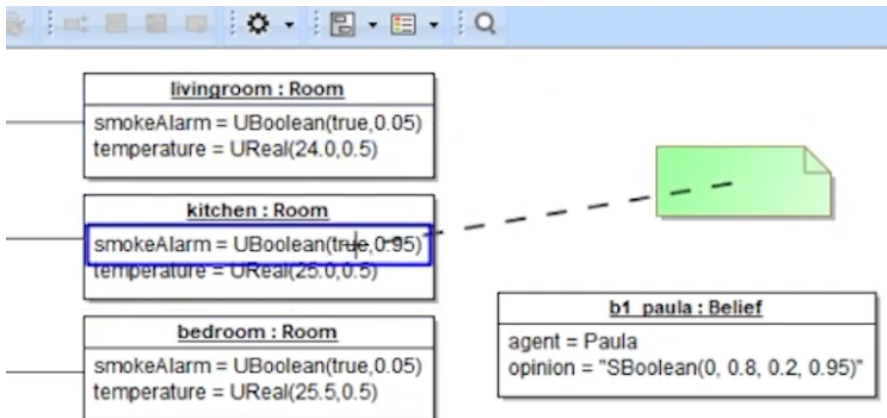# Step 4: Visualize the assigned belief

1. From the section *Common* in the tool palette, drag and drop a *Note* on the model.
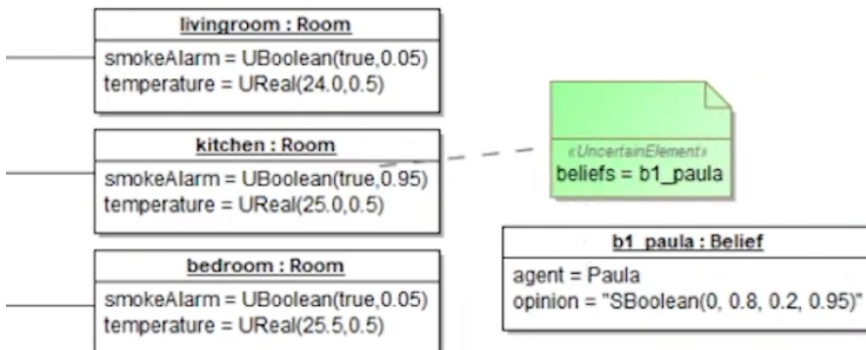

2. Click on the top of the note and select the option that appears.

3. Join the dash line to the corresponding element.

4. Belief assigned successfully!

Bonus: Meaning of the belief assignment

There are three types of elements to which you may assign a belief. Depending on the element, the belief will have a different meaning:
- **A class.** You are giving your opinion about how sure you are about the existence of said class.
- **An attribute.** You are giving your opinion about the correction of the value of a given attribute.
- **A link.** You are giving your opinion about the existence or intensity of said link.