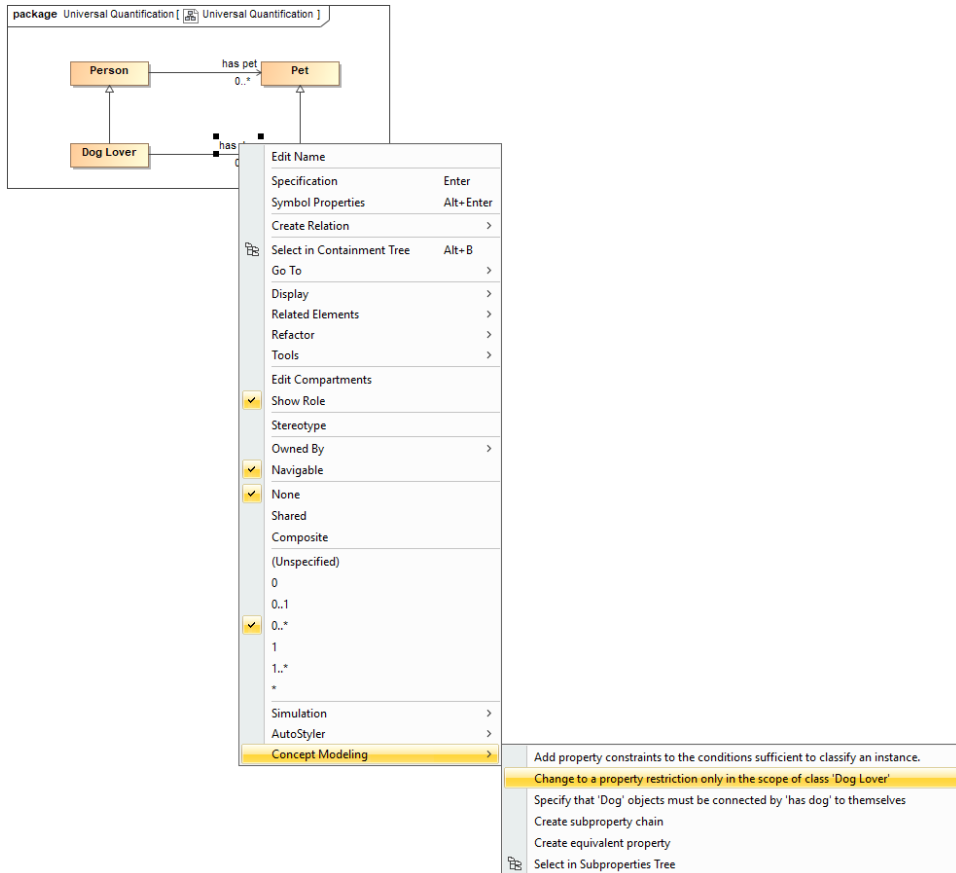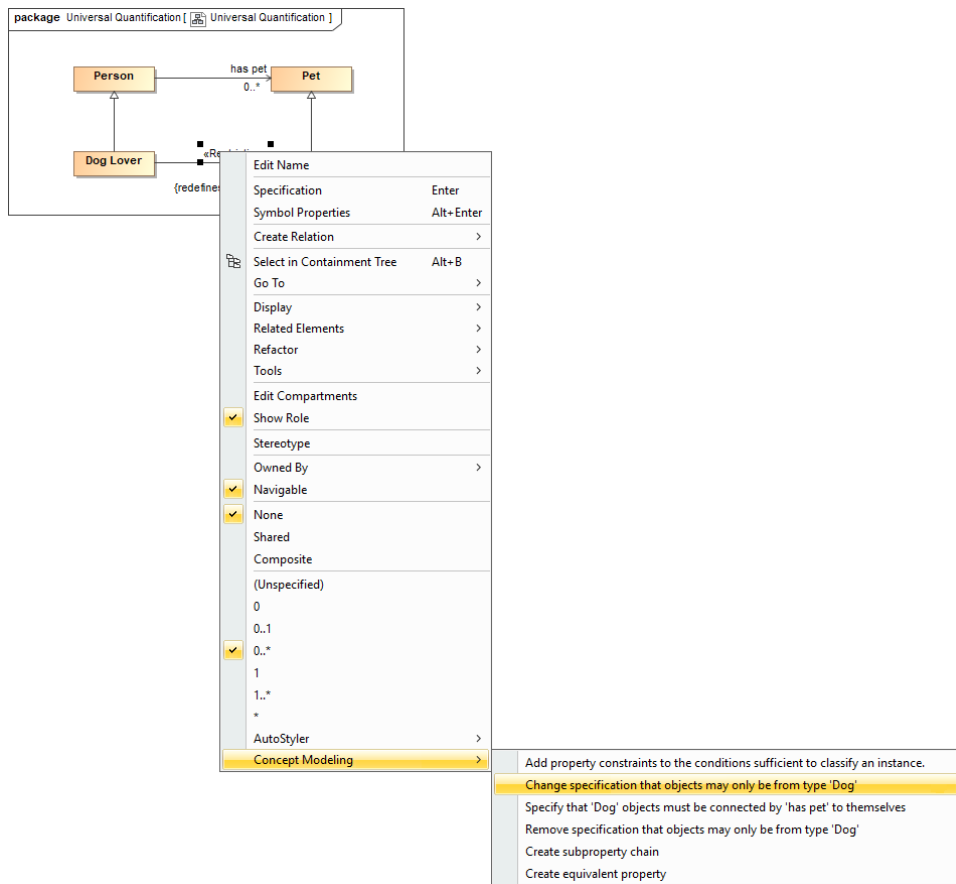# Editing Restrictions

To edit a Restriction

1. Right-click on a created property, and do one of the following
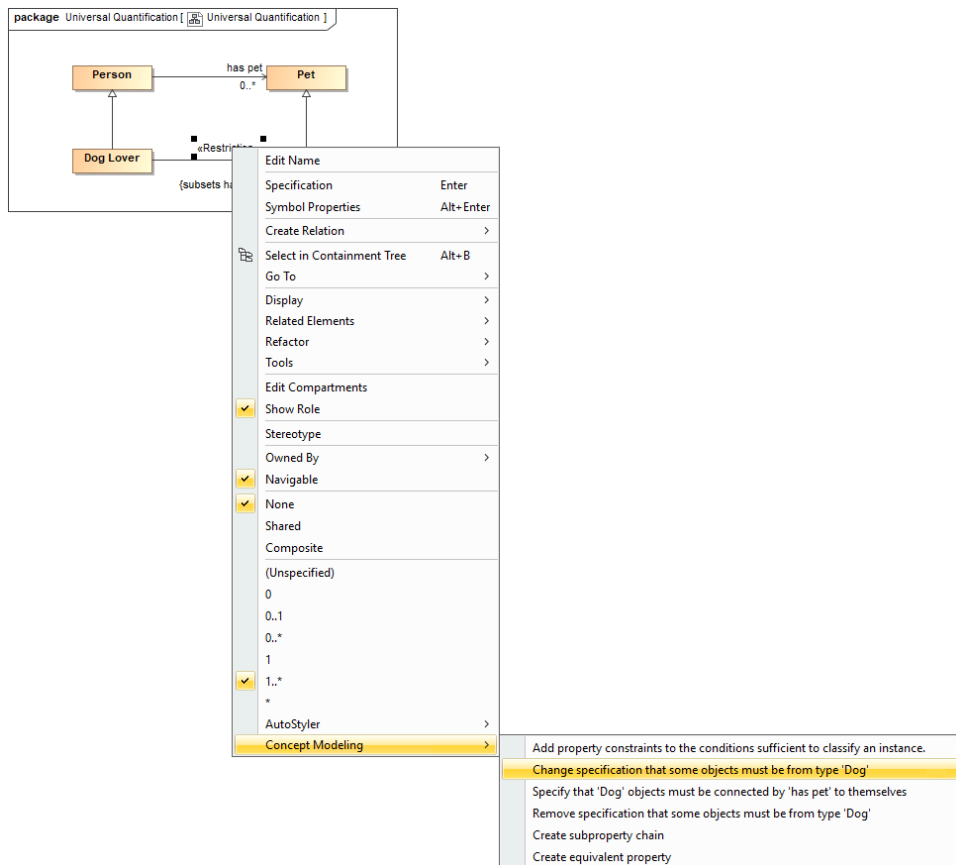
   - If the created property is not currently assigned with a Restriction, select **Concept Modeling** > **Change to a property restriction only in the scope of class '{}'**.

   - If the created property is currently assigned with a Restriction with the lower value of multiplicity of 0, select **Concept Modeling** > **Change specification that objects may only be from type '{}'**.

package Universal Quantification [Universal Quantification]

Person		has pet
		0..*

Pet

Dog Lover

«Re...

{redefines

Edit Name	
Specification	Enter
Symbol Properties	Alt+Enter
Create Relation	>
Select in Containment Tree	Alt+B
Go To	>
Display	>
Related Elements	>
Refactor	>
Tools	>
Edit Compartments	
✓ Show Role	
Stereotype	
Owned By	>
✓ Navigable	
✓ None	
Shared	
Composite	
(Unspecified)	
0	
0..1	
✓ 0..*	
1	
1..*	
*	
AutoStyler	>
Concept Modeling	>

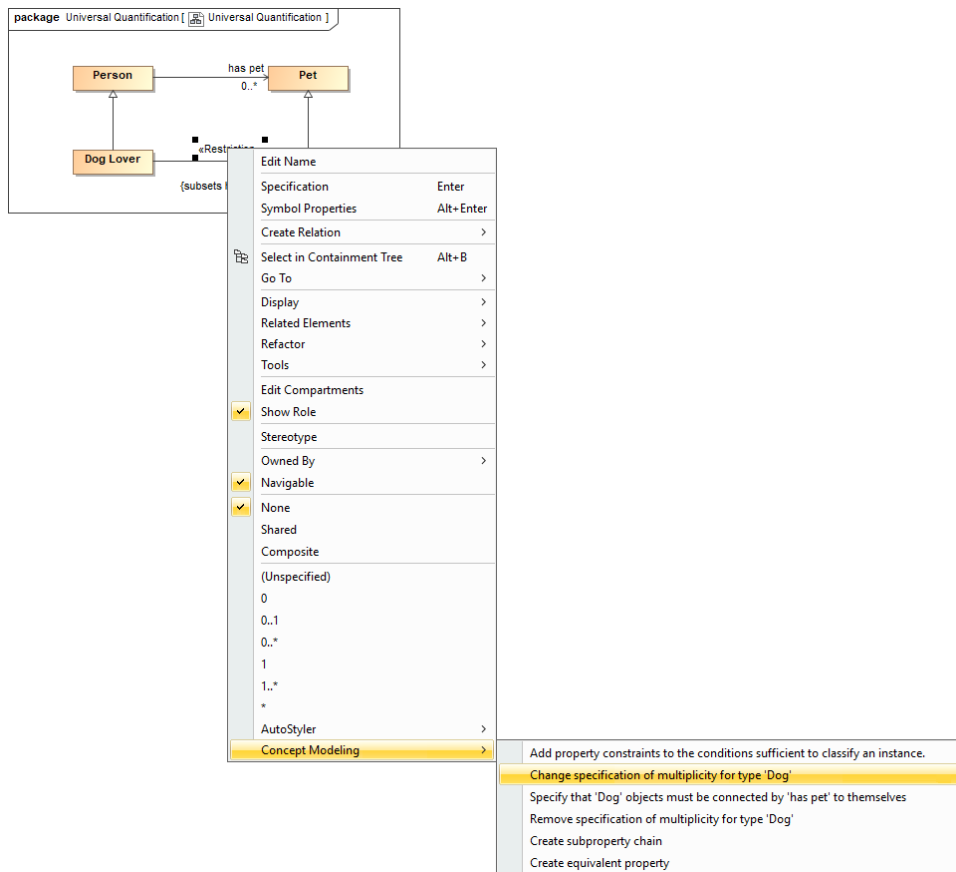| Add property constraints to the conditions sufficient to classify an instance. |
|---|
| Change specification that objects may only be from type 'Dog' |
| Specify that 'Dog' objects must be connected by 'has pet' to themselves |
| Remove specification that objects may only be from type 'Dog' |
| Create subproperty chain |
| Create equivalent property |

- If the created property is currently assigned with a Restriction with the lower value of multiplicity of 1, select **Concept Modeling** > **Change specification that some objects must be from type '{}'**.

- If the created property is currently assigned with a Restriction with the lower value of multiplicity of 2 or more, select **Concept Modeling** > **Change specification of multiplicity for type '{}'**.
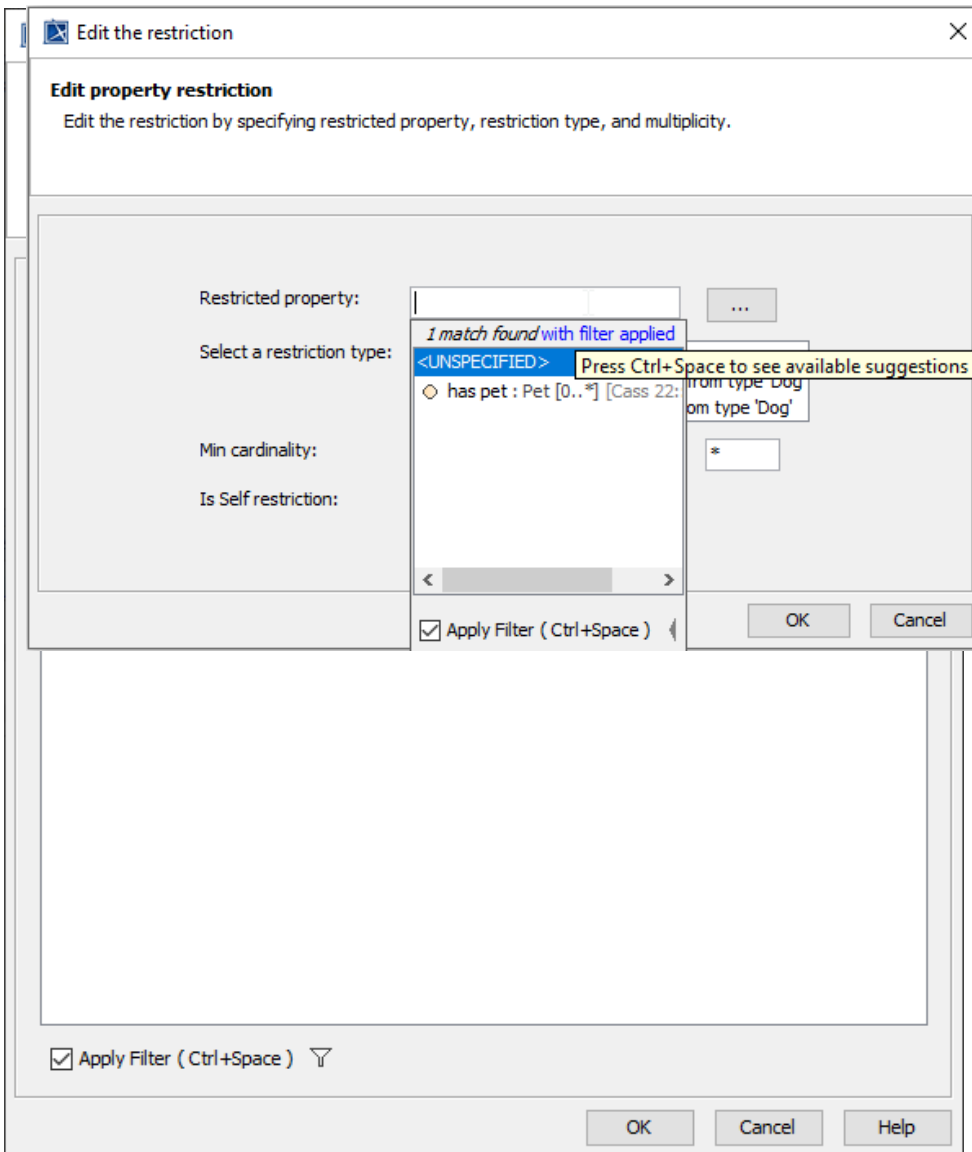
```
package Universal Quantification [ 🔲 Universal Quantification ]

  ┌─────────┐        has pet      ┌─────────┐
  │ Person  │◇───────────────────│   Pet   │
  └─────────┘          0..*       └─────────┘
       △                               △
       │                               │
  ┌──────────┐    ■«Restriction■       ■
  │ Dog Lover│────                     
  └──────────┘
    {subsets
```

	Edit Name	
	Specification	Enter
	Symbol Properties	Alt+Enter
	Create Relation	▶
	Select in Containment Tree	Alt+B
	Go To	▶
	Display	▶
	Related Elements	▶
	Refactor	▶
	Tools	▶
	Edit Compartments	
✓	Show Role	
	Stereotype	
	Owned By	▶
✓	Navigable	
✓	None	
	Shared	
	Composite	
	(Unspecified)	
	0	
	0..1	
	0..*	
	1	
	1..*	
	*	
	AutoStyler	▶
	Concept Modeling	▶

Add property constraints to the conditions sufficient to classify an instance.
Change specification of multiplicity for type 'Dog'
Specify that 'Dog' objects must be connected by 'has pet' to themselves
Remove specification of multiplicity for type 'Dog'
Create subproperty chain
Create equivalent property

2. The **Edit the restriction** dialog opens. At the **Restricted property** option, select [...] to open the **Select the restricted property** dialog.

Edit the restriction

Edit property restriction
Edit the restriction by specifying restricted property, restriction type, and multiplicity.

Restricted property: [   ]   [...]

Select a restriction type:
Specify multiplicity for type 'Dog'
Specify that some objects must be from type 'Dog'
Specify that objects may only be from type 'Dog'

Min cardinality: [0]   Max cardinality: [*]

Is Self restriction: ☐

[OK] [Cancel]

⚠ **Note**
If you apply the «Restriction» stereotype to a non-restricting property, the **Edit the restriction** dialog will open automatically.

✓ **Tip**

3. In the **Select the restricted property** dialog, choose a restricted property and select **OK**.

You can also select the restricted property from the suggestion list by pressing **CTRL + SPACE** when selecting the **Restricted property** option.

Edit the restriction   ✕

Edit property restriction
Edit the restriction by specifying restricted property, restriction type, and multiplicity.

Restricted property: [   ]   [...]

1 match found with filter applied

Select a restriction type: <UNSPECIFIED>   Press Ctrl+Space to see available suggestions
                             ○ has pet : Pet [0..*] [Cass 22:   from type 'Dog'
                                                                om type 'Dog'

Min cardinality: [*]

Is Self restriction:

[<] [   ] [>]

☑ Apply Filter (Ctrl+Space)   [OK] [Cancel]

☑ Apply Filter (Ctrl+Space) ▽

[OK]   [Cancel]   [Help]

4. From the **Select a restriction type** list, select one of the following items
   - Select **Specify multiplicity for type '{}'** for an existential quantification constraint with the lower value of multiplicity of 2 or more.
   - Select **Specify that some objects must be from type '{}'** for an existential quantification constraint with the lower value of multiplicity of 1.
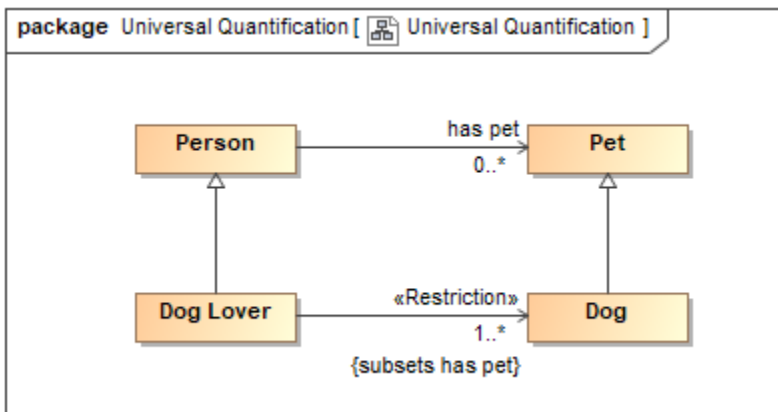   - Select **Specify that objects may only be from type '{}'** for a universal quantification constraint.

5. In the **Min cardinality** and **Max cardinality** boxes, specify a lower value and higher value of multiplicity.

> ⚠ **Note**
> If you want to create the self Restriction, select the **Is Self restriction** option.

6. Select **OK**. The Restriction will be edited according to the edited setting.

Related pages

- Usage
- Restriction
- Creating Restrictions
- Removing Restrictions