Editing property values in property groups

Some elements can be related to each other as the owner and the owned one, for example, a transition can be an owner of a trigger, and the trigger can be owned by the transition.

MagicDraw allows the handy editing of owned element property values via owner's properties. Owned element properties are available as appropriately named property groups, for example, the *Entry*, *Do Activity*, and *Exit* property groups in the state's Specification window (see the following figure).

When editing owned element properties, keep in mind that you create a new element in your model.

Specification of State properties Specify properties of the selected State in the properties specification table. Choose the Expert or All options from the Properties drop-down list to see more properties.
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Available B Documentation/Hyperlinks D
Internal Transitions
Inner Elements Name Available
Relations Owner 🖽 [Analysis and Design:
Tags Applied Stereotype
Constraints State Invariant
Deferrable Trigger
Connection
To Do
Documentation
Entry
Behavior Type <unspecified></unspecified>
Behavior Element
E Do Activity
Behavior Type <unspecified></unspecified>
Behavior Element
Exit
Behavior Type <unspecified></unspecified>
Behavior Element
Q Type here to filter properties
Close Back Eorward Help

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A property set in the property group may vary before and after owned element specification. For example, let's say, we have an activity assigned as a behavior type in the **Entry** property group. As a result the additional properties appear in the **Entry** property group (**Name** and **Owned Diagram**) after creating a new activity (see the following figure).

Keep in mind that the owner's specification contains only ownership-relevant properties of an owned element.

To view and edit all other properties of the owned element, open its Specification window.



To create an owned element as a property value

- 1. In the property group, wherein you want to create the owned element, select either a type or an element property specification cell.
- 2. From the list, select an element you need to create.
- 3. Specify additional properties corresponding to the created element.

To remove an owned element, do one of the following

• Either

- 1. Select the <owned element type> property specification cell.
- 2. In the drop-down list, select < UNSPECIFIED>.
- Or
- 1. Select the <owned element> property cell and click ... button.
- 2. From the list, select Delete <element>.