

Property change event concept

UML model uses standard *java.beans.PropertyChangeEvent* events for notifying listeners about changes.

The main properties of the *PropertyChangeEvent* are as follows:

- **Property name.** The changed property name.
- **New value.** The new (current) changed property value.
- **Old value.** The old property value, which was before the property change.

Properties names are described in [UML model properties names](#) page

Example of the element's name change event

```
propertyChangeEvent.getPropertyName().equals(PropertyNames.NAME);
propertyChangeEvent.getNewValue() // will be new name of element;
propertyChangeEvent.getOldValue() // will be name of element before
change.
```

Example of the new element creation event

```
propertyChangeEvent.getPropertyName().equals(UML2MetamodelConstants.
INSTANCE_CREATED);
propertyChangeEvent.getNewValue() // will be new created element;
propertyChangeEvent.getOldValue() // will be null.
```

Related pages

- [UML model properties names](#)