## Creating an exceptional flow

To create an exceptional flow

- 1. Open the Use Case Specification window and click the Use Case Scenario Sketch property group.
- 2. In the use case scenario, select the basic flow step you want to create an exceptional flow for.
- 3. In the Exceptional Flow tab, click the Add New button 📩. The shortcut menu opens.

| Jse Case Scenario Sketch               |                          |
|--|--------------------------|
|  | Copen and Update         |
| 2. Get Loan Details                    |                          |
| Confirm Return                         |                          |
| 4. Mark Item available for loaning     |                          |
| Alternative Flow (A0) Exceptional Flow | v (E0)                   |
| Add New Exception                      | n Type Alt+T             |
| Add New Exception                      | nal Flow Step 🔓 Alt+Ente |
|  | Add new exception ty     |
|  | Ţ                        |

- 4. Do one of the following:
  - Select the Add New Exception Type command or press Alt+T. The drop down list opens. Type the name of a new exception type. The exception type is created (a new class is created). The created exception type contains an unnamed exceptional flow step.
  - Select the Add New Exceptional Flow Step command or press Alt+Enter. If there was an exceptional type created in the exceptional flow already, a new exceptional flow step is created for the selected exception type. If there was no exception type in the alternative flow, a new exceptional flow step is created together with a new exception type. Now you can type the name of the new exceptional flow step.

Types and steps of the exceptional flow are numbered automatically. Use the Up 🕥 and Down 🕡 buttons to change the order of types in the exceptional flow or the order of steps in the particular type. In the Activity diagram, steps are represented according to their order in the Use Case scenario.

## **Related pages**

- Model Elements
- Transition
- State Machine diagram
- Activity diagram
- Sequence diagram
- Use Case diagram