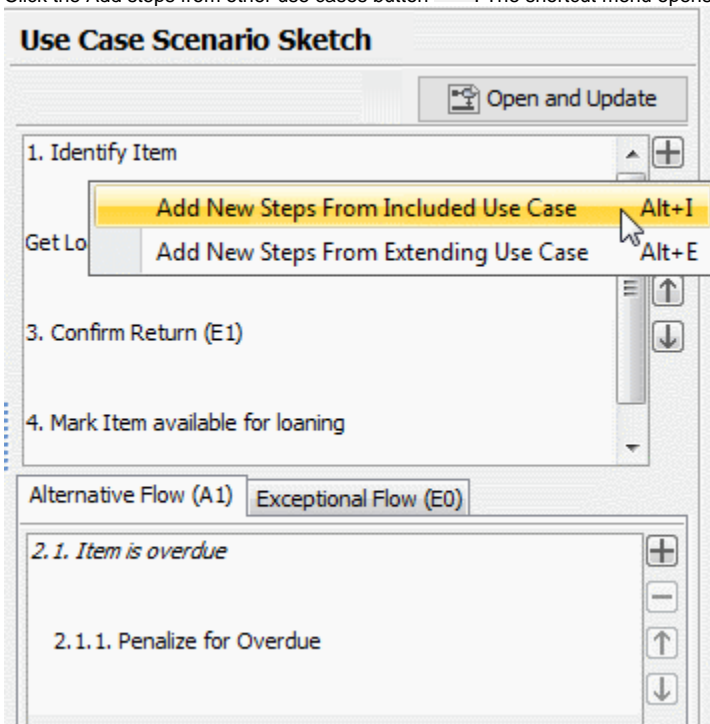# Adding a basic flow step from other use cases

⚠ Make sure the selected Use Case has included or extending use cases.

To add a basic flow step from other use cases

1. Open the Use Case Specification window and click the **Use Case Scenario Sketch** property group.
2. Select the basic flow step where you want to add steps from another Use Case.
3. Click the Add steps from other use cases button ⊞. The shortcut menu opens.

**Use Case Scenario Sketch**

| | |
|---|---|
| | 🗗 Open and Update |

1. Identify Item    ▲ ⊞

| Add New Steps From Included Use Case | Alt+I |
|---|---|
Get Lo
| Add New Steps From Extending Use Case | Alt+E |

≣ ↑

3. Confirm Return (E1)    ↓

4. Mark Item available for loaning    ▼

| Alternative Flow (A1) | Exceptional Flow (E0) |
|---|---|

*2.1. Item is overdue*    ⊞
⊟
2.1.1. Penalize for Overdue    ↑
↓

4. Do one of the following:
   - Click **Add New Steps From Included Use Case** or press ALT+I to add steps from the included Use Case.
   - Click **Add New Steps From Extending Use Case** or press ALT+E to add steps from the extending Use Case.

   Depending on your choice, the **Select Included Use Case** or **Select Extending Use Case** dialog opens.
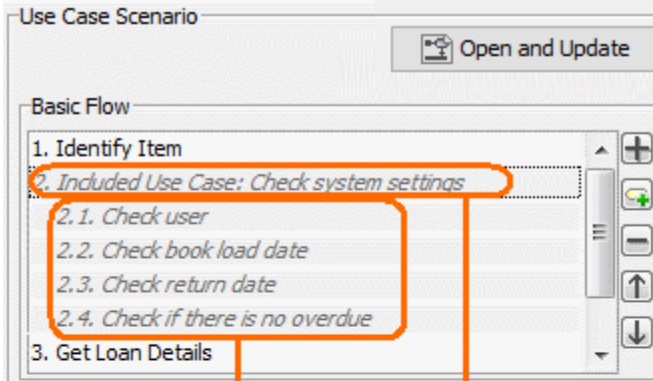
5. In the opened dialog, select the use case(s) from which you want to add steps to the selected step of the basic flow. Click **OK** after you have selected a Use Case.

⊘
- Steps from included use cases are added to the basic flow as substeps of the newly created basic flow step.

- Steps from extending use cases with no extension points use cases are added to the basic flow as substeps of the selected basic flow step.

- Steps from extending use cases with extension points are added as steps of an alternative flow to the selected basic flow step. The extension point is considered the alternative condition.

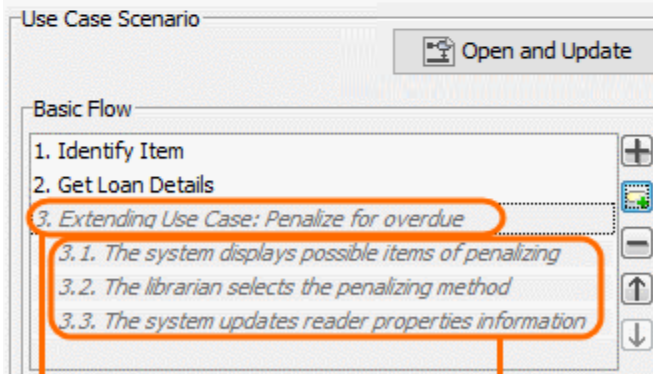See the examples in the following figures.

Included Use Case

Use Case Scenario

Open and Update

Basic Flow

1. Identify Item
2. Included Use Case: Check system settings
   2.1. Check user
   2.2. Check book load date
   2.3. Check return date
   2.4. Check if there is no overdue
3. Get Loan Details

Basic flow steps
of included Use Case

Included
Use Case

Extending Use Case

Use Case Scenario

Open and Update

Basic Flow

1. Identify Item
2. Get Loan Details
3. Extending Use Case: Penalize for overdue
   3.1. The system displays possible items of penalizing
   3.2. The librarian selects the penalizing method
   3.3. The system updates reader properties information

Use Case without
extension point

Basic flow steps of
extending Use Case

Extending Use Case

Use Case Scenario

Open and Update

Basic Flow

1. Identify Item
2. Get Loan Details (A1)
3. Confirm Return (E1)
4. Mark Item Available for Loaning

Alternative Flow (A1)   Exceptional Flow (E0)

2.1. Return violation
   2.1.1. Extending Use Case: Penalize for overdue
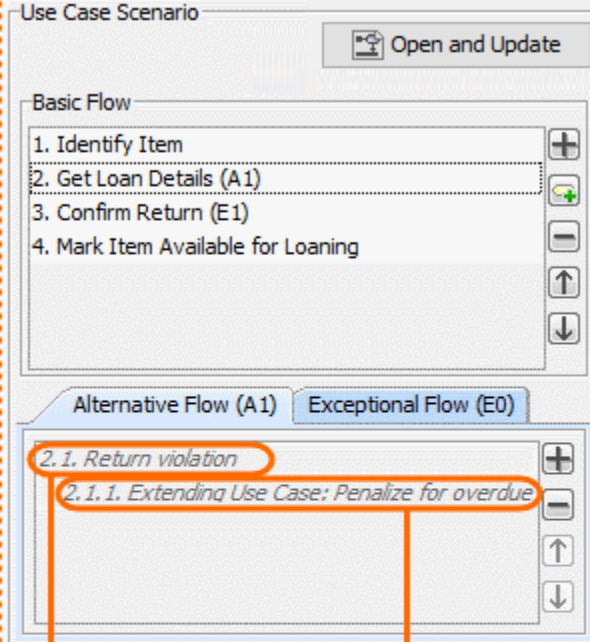
Extension point of
extending Use Case

Use Case with
extension point

Steps added from included or extending use cases are read-only. You are not allowed to modify them in the current scenario.

You can modify added steps only in use cases from which these steps are added.

**Related pages**

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