

# Subgraph

<https://documentation.dcr.design/example/subgraph/>

This process contains five different activities where three activities is in a multi-instance sub-process.

1. Create new document - spawn a new document sub-process
2. Document multi-instance sub-process
  1. Check-in document
  2. Check-out document
  3. Download document
3. Close Case

When we simulator we initially have only two activities in the task list.

The screenshot shows a task list interface with the following elements:

- Tasks (2 / 2)**: Header indicating the number of tasks.
- RESET FILTERS** and **FILTERS**: Buttons for managing filters.
- Filters:** Section with  **Group By Roles** and  **Render**.
- User**: Section header with an upward arrow.
- Task 1:** "Close case" with an "EXECUTE" button.
- Task 2:** "Create new document" with an "EXECUTE" button.

You cannot check-in or download any documents as no documents has been created yet.

If you create one new document the task list changes:

The screenshot shows a task list interface with the following elements:

- Tasks (3 / 3)**: Header indicating the number of tasks.
- RESET FILTERS** and **FILTERS**: Buttons for managing filters.
- Filters:** Section with  **Group By Roles** and  **Render**.
- User**: Section header with an upward arrow.
- Task 1:** "Document 1:Check-in" with an "EXECUTE" button.
- Task 2:** "Close case" with an "EXECUTE" button.
- Task 3:** "Create new document" with a green checkmark icon and an "EXECUTE" button.

You must now check-in the newly created document. You must still close the case but you cannot do this as the first document is not yet checked in.

Once you check-in the first document you have four tasks:

The screenshot shows a task list interface with the following elements:

- Tasks (4/4)**: Title of the task list.
- RESET FILTERS** and **FILTERS**: Buttons for filter management.
- Filters:** Section with two checkboxes:  Group By Roles and  Render.
- User**: Header for the task list.
- Task List:**
  - Task 1: **! Close case** with an **EXECUTE** button.
  - Task 2: **Document 1:Download** with an **EXECUTE** button.
  - Task 3: **Document 1:Check-out** with an **EXECUTE** button.
  - Task 4: **✓ Create new document** with an **EXECUTE** button.

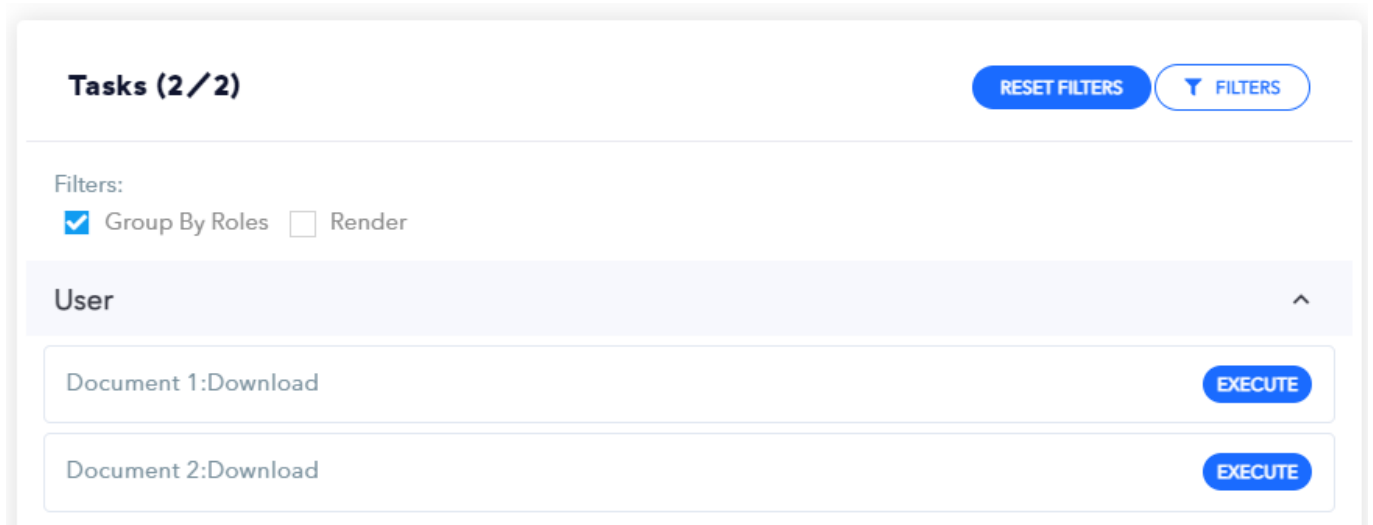
If you check-out the first document you will block Close case as the document is checked out. If you also add a new document the task list will look as follows:

The screenshot shows a task list interface with the following elements:

- Tasks (5/5)**: Title of the task list.
- RESET FILTERS** and **FILTERS**: Buttons for filter management.
- Filters:** Section with two checkboxes:  Group By Roles and  Render.
- User**: Header for the task list.
- Task List:**
  - Task 1: **! Document 2:Check-in** with an **EXECUTE** button.
  - Task 2: **! Close case** (disabled) with a greyed-out **EXECUTE** button.
  - Task 3: **Document 1:Download** with an **EXECUTE** button.
  - Task 4: **! Document 1:Check-in** with an **EXECUTE** button.
  - Task 5: **✓ Create new document** with an **EXECUTE** button.

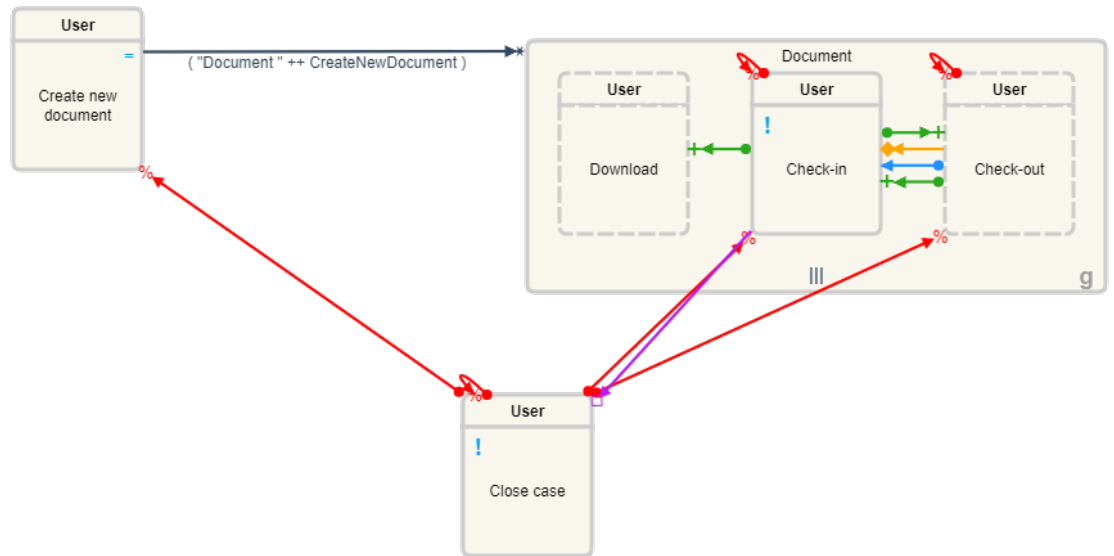
You must now check-in both documents, the first as you checked it out, the second as it has not yet been checked-in.

You must also check-in both documents before you can close the case. Once the case is closed there are two tasks left in the task list:



When the case is closed it is not possible to check-out and edit the documents anymore.

## Featured image



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