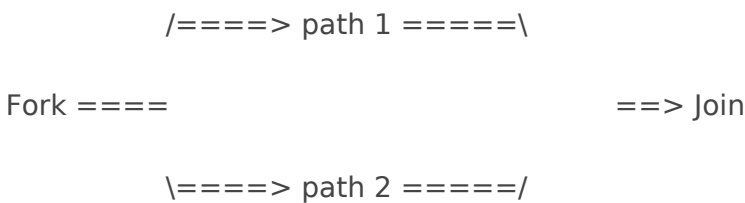


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# Fork

## Definition

This step is used to divide the workflow into two or more paths that will run in parallel, allowing multiple activities to run simultaneously.



## Steps Tabs

### Task details

This process type does not have task details for the fork step.

## Incoming transitions

The Incoming transitions tab displays the previous steps where the flow comes from. When you create a process from a template or from scratch default incoming transitions are defined. It is allowed to customize the default setup, add new transitions, or delete transitions.

- **From:** the previous step, where the flow comes. Allows you to select where the workflow comes from.
- **Incoming transition:** brief name to identify the transition. That is the name of the action the form will show to the final user.
- **To:** current step.
- **Action:** allows creating a custom script to perform specific actions.

When you create an incoming transition, Soffid creates the proper outgoing transition.

## Example

To scroll through the list of values to perform some operations.

```
userName = executionContext.getVariable("userName");
requester = executionContext.getVariable("requester");
requesterName = executionContext.getVariable("requesterName");
grants = executionContext.getVariable("grants");

for (roleRequestInfo:grants) {
    // TO-DO
}
```

## Outgoing transitions

The Outcoming transition tab displays the next steps where the flow can go from the current step. When you create a process from a template or from scratch default outgoing transitions are defined. It is allowed to customize the default setup, add new transitions, or delete transitions.

- **From:** current step.
- **Outgoing transition:** name of the transition. It is a required field, you must comply it to the workflow run properly.
- **To:** the next step, where the flow goes.
- **Action:** allows creating a custom script to perform specific actions.

When you create an outgoing transition, Soffid creates the proper incoming transition.

**Step details**

Step name :

Fork

Step type :

Fork

▼



Description :

Approve

Task details

Incoming transitions

Outgoing transitions

From	Outgoing Transition	To	Action
Fork ▼	goPath2	Path2 ▼	
Fork ▼	goPath1	Path1 ▼	

## Example

Scroll through the list of roles and the list of grant hierarchies to execute some actions.

```
userName = executionContext.getVariable("userName");

roleList = serviceLocator.getApplicationService().findRolesByUserName(userName);
for (role:roleList) {
    //TO-DO
}

user = serviceLocator.getUserService().findUserByUserName(userName);
roleGrantList = serviceLocator.getApplicationService().findRoleGrantHierarchyByUser(user.id);
for (roleGrant:roleGrantList) {
    //TO-DO
}
```

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