Custom

Definition

This step is used to define a custom script that will be executed

Steps Tabs

Task details

All the process types have the same Task details for the Custom step:

- **Script**: allows you to define a Script this step allows you to add a script to be executed.

Example

```
comments = executionContext.getToken().getComments();
selector = executionContext.getVariable("userSelector");
if (selector == null || selector.equals("")) {
     return ("The userName is mandatory");
}
user = serviceLocator.getUserService().findUserByUserName(selector);
if (user != null) {
  subject = "Soffid - Notification";
  message = "Automated mail sent ..............";

  if (comments != null && !comments.isEmpty()) {
    for (comment : comments) {
      message += comment.message;
    }
  }
  serviceLocator.getUserService().sendHtmlMailToActors(new String[]{user.userName}, subject,
```

```
message);
}
```

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 outcoming transition.

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
}
```

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 outcoming transitions are defined. It is allowed to customize the default setup, add new transitions, or delete transitions.

- **From**: current step.
- **Incoming transition**: name of the transition.
- **To**: the next step, where the flow goes.
- **Action**: allows creating a custom script to perform specific actions.

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

Example

Delete additional attribute

```
userName = executionContext.getVariable("userName");
attribute = serviceLocator.getUserService().findDataByUserAndCode(userName, "country");

if (attribute != null) {
  serviceLocator.getAdditionalDataService().delete(attribute);
}
```

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