

Configure the IPC

There are three steps to configuring this inter-process call. The first step is to configure the Activity Destination User; the second is to expose that configuration inside the call. The final step is in configuring a succeeding rule on the activity.

Step 1: Configure the Activity Destination User

Open the General Properties of the K2 Activity that holds the IPC Event.

Activity General Properties

General Properties

Properties:

Name:

Description:

Metadata:

Priority:

Limit the number of slots to: Create a slot for each destination

Expected Duration: Days: Hours: Minutes:

Name, describe and add metadata to define the context.

In the Destination User config, click the **Back** button to get to the start of the wizard, and check the **Advanced** box. Now click next to reveal the destination rule options panel.

In the options, select **Plan per Slot**.

Destination Rule Options

Select the way that you want this activity to be planned:

Plan just once
<input checked="" type="checkbox"/> Plan per destination
All at once
One at a time
Plan per slot (no destinations)

Click the **Select a list field to determine how many slots should be created** radio button, and call the method that will determine the number of slots at runtime. In this case, it is a list of users the List Users() method of the GET_LIST SmartObject.

Destination Rule Options

The option that you have selected doesn't include destinations. How do you want to configure the slots?

Select the number of slots to be created.

Slots: ...

Initialization Data (Optional): ...

Select a list field to determine how many slots should be created.

...

Configure the SmartObject call by passing in the applicable parameters.

Return the USER_ID property.

Select a Return property

Property Name	Property Type
ROLE_NAME	Text
SELECTION_SOURCE	Text
USER_FULLNAME	Text
USER_ID	Text

Ensure you have the object return all results, as pictured below.

List Options

Order results by: Ascending Descending

Property:

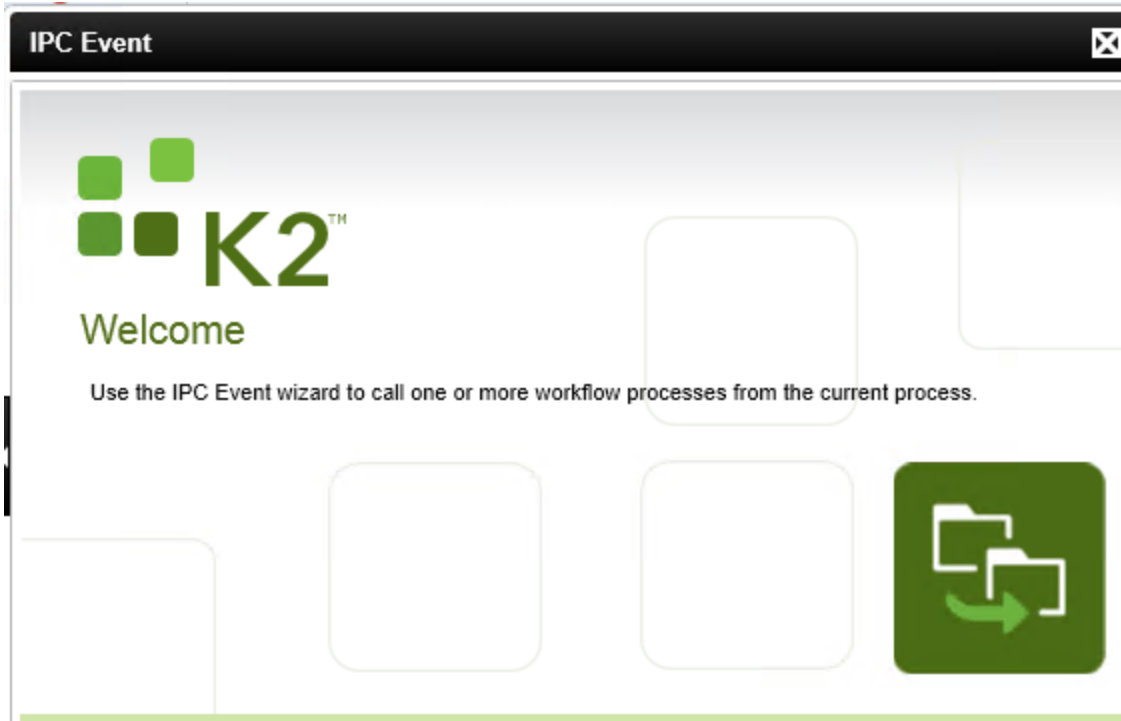
Return a single item

Select item:

Index:

Return all results that match filter

Step 2: Configure the IPC Event



Enter the send field mappings for the IPC Event. Scroll the list until you reach the field **UserID.FS**. Open the Workflow Context Browser and drag over the Instance Data field, located within the Activity Destination Instance node.

Process Send Field Mappings

Auto Map ✖ Clear All

Field Name	Description	Value
<input type="checkbox"/> User ID.AC	Process Data Field	Type text and/or Drop multiple fields
<input type="checkbox"/> User ID.FL	Process Data Field	Type text and/or Drop multiple fields
<input type="checkbox"/> HasDelegationAuthority	Process Data Field	Type text and/or Drop multiple fields
<input checked="" type="checkbox"/> User ID.FS	Process Data Field	ActivityInstanceDestInstanceData
<input checked="" type="checkbox"/> User ID.RP	Process Data Field	User ID.RP
<input type="checkbox"/> Task ID.RP	Process Data Field	Type text and/or Drop multiple fields

Workflow Context Browser

- Process Instance
- Activity Instance
- Activity Destination Instance
 - ID
 - Status
- User
 - Start Date
 - Finish Date
 - Instance Data
- Event Instance
- Line Instance

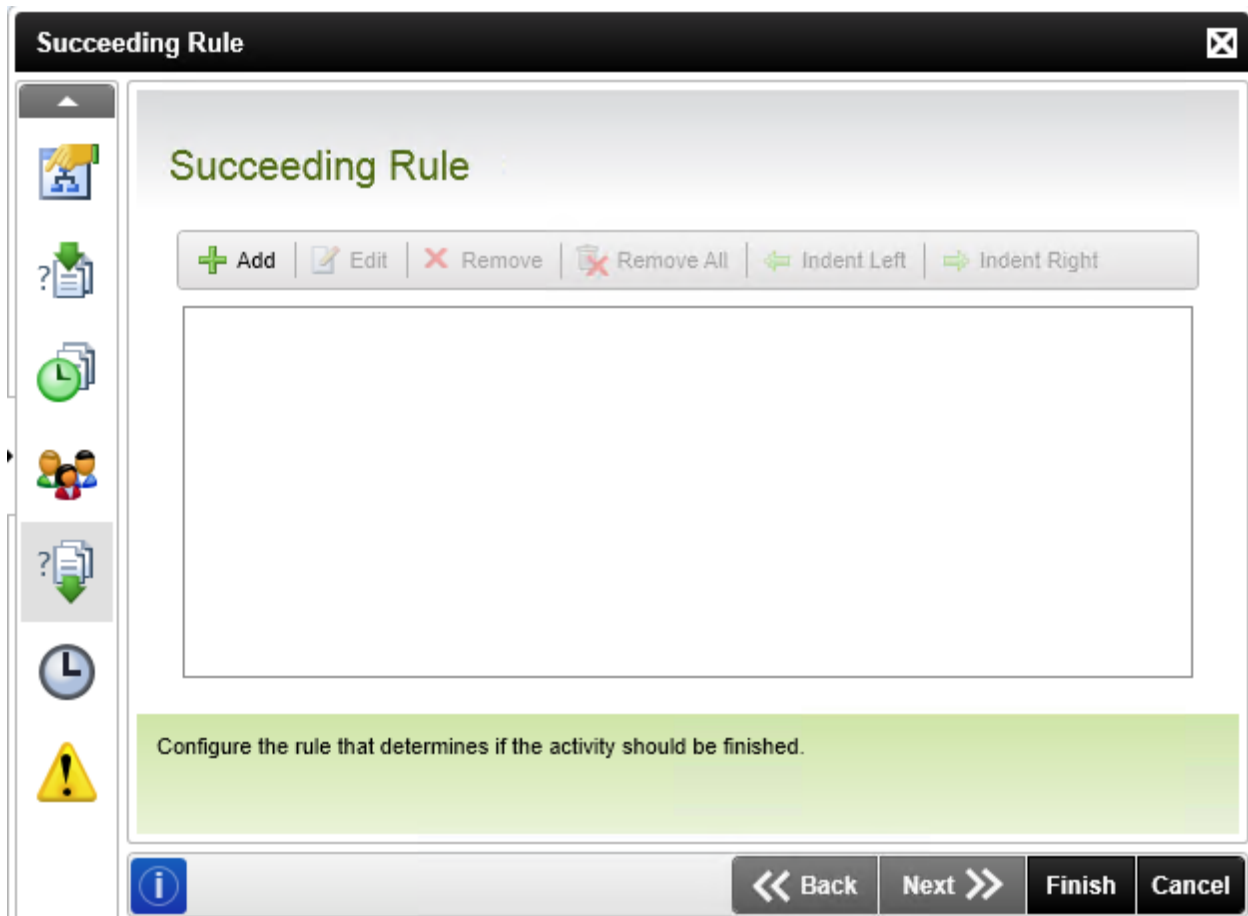
The rationale here is that Plan per Slot deals with data, not with users *per se*. The Activity Instance Destination Instance Data field tracks the current item within the list of User IDs returned by the SmartObject.



One more thing...

Step 3: Configure the Activity Succeeding Rule

The succeeding rule must be configured on the activity containing the IPC event, such that the parent workflow does not leave the activity before all of the calls have been made.



Use the Activity Instance Destination Status field from the Activity Destination Instance node in the Workflow Context Browser. Configure the rule so that the process instance cannot succeed the activity unless the status is "Completed."

Add/Edit Rule ✕

First Variable:
 ... None

Logical Function:
All

Logical Data:
 ... None

Comparison Operator:

Second Variable:
 ... None

Context Browser

Workflow Context Browser

- + Process Instance
- + Activity Instance
- Activity Destination Instance
 - ID
 - Status
- + User
 - Start Date
 - Finish Date
 - Instance Data
- + Event Instance
- + Line Instance