

# Jira Create Activity

## Introduction

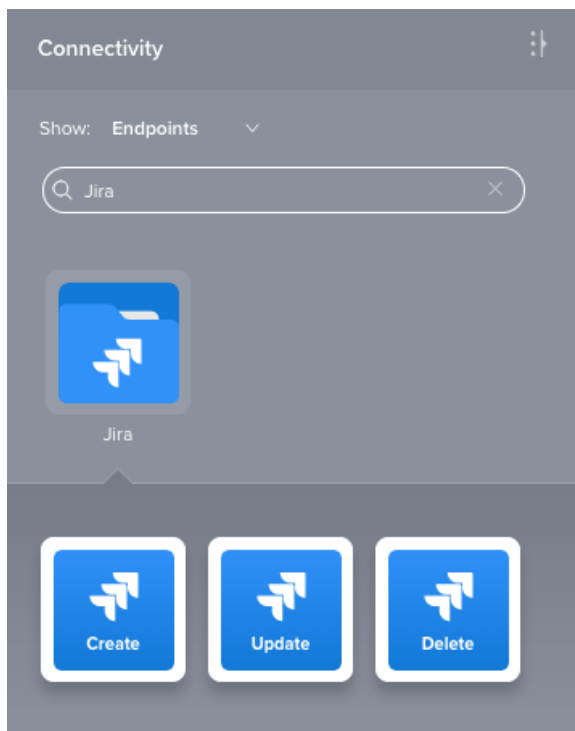
A Jira create activity retrieves data from a Jira connection and is used as a target in an operation. After configuring a Jira connection, you can configure as many Jira activities as you like for each Jira connection.

## Creating a Jira Activity

From the design canvas, open the **Connectivity** tab of the design component palette:



Within the **Endpoints** filter, click the Jira connection block to display activities that are available to be used with a Jira connection:



To create an activity that can be configured, the activity must first be added to an operation on the design canvas. To add an activity to an operation, drag the activity block from the palette to the operation.

For more information about the parts of an operation and adding activities to operations, see [Operation Creation and Configuration](#).

## Accessing Menu Actions

After a Jira activity has been added to an operation, menu actions for that activity are accessible from the project pane in either the **Workflows** or the **Components** tabs, and from the design canvas:

- **Project Pane:** In the **Workflows** or **Components** tab of the project pane, hover over an activity name and click the actions menu icon to open the actions menu.
- **Design Canvas:** Within the operation, click an existing activity block to open the actions menu.

Each of these menu actions is available:

- **View/Edit:** This opens the activity configuration screen for you to configure the activity. For details, see *Configuring a Jira Create Activity* later on this page.
- **Delete:** This is used to permanently delete the activity.

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### Related Articles

- [Component Dependencies, Deletion, and Removal](#)
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- [Component Palette](#)
- [Design Canvas](#)
- [Jira Connection](#)
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- **Rename:** This positions the cursor on the activity name in the project pane for you to make edits.
- **View Dependencies:** This changes the view in the project pane to display any other parts of the project that the activity is dependent on.
- **Remove:** Available only from the actions menu on the design canvas, this removes the activity as a step in the operation without deleting it from the project. When you remove an activity that is adjacent to a transformation, if schemas are provided within that activity, they will no longer be referenced by the transformation. Removed components can be accessed or permanently deleted from the project pane.
- **Deploy:** This deploys the activity and any components it is dependent on.
- **Configurable Deploy:** This opens the deployment screen, where you can select project components to deploy.
- **Add to group:** This opens a prompt to create a new custom group or to add the component to an existing group.
- **Duplicate:** This creates a copy of the activity as a new, unreferenced component. Upon creating the component copy, the cursor is positioned on the component name within the project pane for you to rename the component.


## Configuring a Jira Create Activity

Follow these steps to configure a Jira create activity:

- Step 1 – Select a Project
- Step 2 – Select an Object
- Step 3 – Review Data Schema

### Step 1 – Select a Project

The screenshot shows the 'Create' configuration page for a Jira activity. It includes a progress indicator with three steps, where the first step 'Select a Project' is currently active. A text input field for 'NAME\*' contains the word 'Create'. Below this is a 'Select a Project' section featuring a search bar and a 'Refresh' button. A table displays a list of projects with columns for 'Name' and 'Description'. The projects listed are CN (Cloud Native), DEVOPS (DevOps), DOCS (Documentation), EDS (Enterprise Deploy), and ENCLONE (ENCLONE). At the bottom of the form, there are three buttons: 'Save & Exit', 'Next', and 'Discard Changes'.

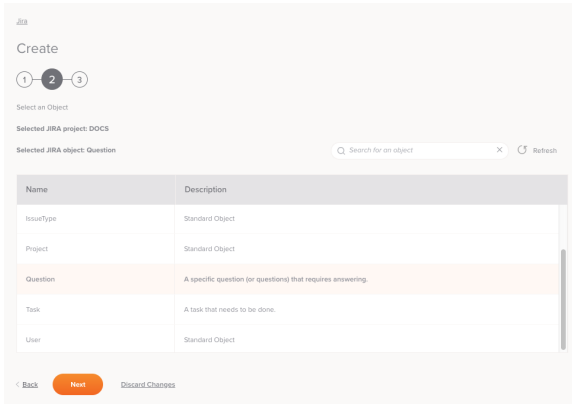
- **Name:** Enter a name to use to identify the Jira create activity. The name must be unique for each create activity and must not contain forward slashes (/) or colons (:).
- **Select a Project:** This section displays projects available in the Jira endpoint. When reopening an existing activity configuration, only the selected service is displayed instead of reloading the entire service list.
  - **Selected Jira Project:** After a service is selected, it will be listed here.
  - **Search:** Enter any part of the project name into the search box to filter the list of services. The search is not case-sensitive. If services are already displayed within the table, the table results will be filtered in real time with each keystroke. To reload services from the endpoint when searching, enter search criteria and then refresh, as described below.
  - **Refresh:** Click the refresh icon  or the word **Refresh** to reload services from the Jira endpoint. This may be useful if you have recently added projects to the Jira instance. This action refreshes all metadata used to build the table of projects displayed in the configuration.
  - **Select a Service:** Within the table, click anywhere on a row to select a service. Only one service can be selected. The information available for each project is fetched from the Jira endpoint:
    - **Name:** The project name (key) from Jira.
    - **Description:** The project description from Jira.


**TIP:** If the table does not populate with available projects, the [Jira connection](#) may not be successful. Ensure you are connected by reopening the connection and retesting the credentials.

- **Save & Exit:** If enabled, click to save the configuration for this step and close the activity configuration.
- **Next:** Click to temporarily store the configuration for this step and continue to the next step. The configuration will not be saved until you click the **Finished** button on the last step.

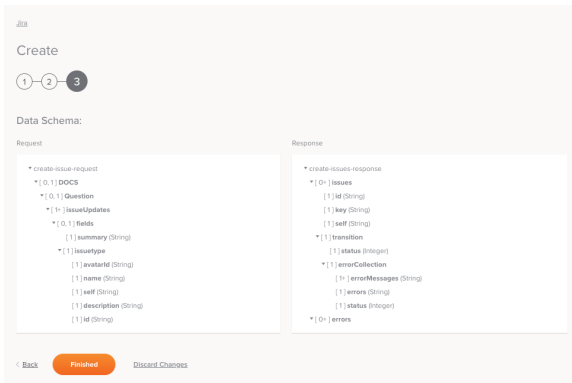
- **Discard Changes:** After making changes, click **Discard Changes** to close the configuration without saving changes made to any step. A message will ask you to confirm that you want to discard changes.

## Step 2 – Select an Object



- **Select an Object:** This section displays objects available for the selected project in the Jira endpoint. When reopening an existing activity configuration, only the selected object is displayed instead of reloading the entire object list.
  - **Selected Jira Project:** The project selected in the previous step will be listed here.
  - **Selected Jira Object:** After an object is selected, it will be listed here.
  - **Search:** Enter any part of the object name into the search box to filter the list of objects. The search is not case-sensitive. If objects are already displayed within the table, the table results will be filtered in real time with each keystroke. To reload objects from the endpoint when searching, enter search criteria and then refresh, as described below.
  - **Refresh:** Click the refresh icon  or the word **Refresh** to reload objects from the Jira endpoint. This may be useful if you have recently added objects to the Jira instance. This action refreshes all metadata used to build the table of objects displayed in the configuration.
  - **Select an Object:** Within the table, click anywhere on a row to select an object. Only one object can be selected. The information available for each object is fetched from the Jira endpoint:
    - **Name:** The object name from Jira.
    - **Description:** The object description from Jira.
- TIP:** If the table does not populate with available objects, the [Jira connection](#) may not be successful. Ensure you are connected by reopening the connection and retesting the credentials.
- **Back:** Click to temporarily store the configuration for this step and return to the previous step.
- **Next:** Click to temporarily store the configuration for this step and continue to the next step. The configuration will not be saved until you click the **Finished** button on the last step.
- **Discard Changes:** After making changes, click **Discard Changes** to close the configuration without saving changes made to any step. A message will ask you to confirm that you want to discard changes.

## Step 3 – Review Data Schema



- **Data Schema:** The response data schema for Jira will be displayed. If the operation uses a transformation, the data schemas will be displayed again later during the transformation mapping process, where you can map to target fields using source objects, scripts, variables, custom values, and more.

The Jira connector create activity uses the [Jira REST API v3](#). Refer to the Jira API documentation for [Create issue](#) for information on the schema fields.

- **Request:**

The create issue request data schema depends on the particular project and object selected. Though there are common fields, the structure depends on the organization of the Jira project and its use of custom fields.

Request Schema Field/Node	Notes
\<Project>	Project-specific nodes and fields (zero or one)

- **Response:**

Response Schema Field /Node	Notes
create-issues-response	Create issues response
issues	Node of the issues (zero or more)
id	The ID of the created issue
key	The key of the created issue
self	The URL of the created issue
transition	Node of the transition (one)
status	Status
errorCollection	Node of the error collection
errorMessages	The list of error messages produced by this operation
errors	The list of errors by parameter returned by the operation
status	Status
errors	Node of the creation errors (zero or more)
elementErrors	Node of the element errors
errorMessages	The list of error messages produced by this operation
errors	Node of the errors (zero or more)
status	Status
failedElementNumber	Failed element number
status	Status

- **Back:** Click to temporarily store the configuration for this step and return to the previous step.
- **Finished:** Click to save the configuration for all steps and close the activity configuration.
- **Discard Changes:** After making changes, click **Discard Changes** to close the configuration without saving changes made to any step. A message will ask you to confirm that you want to discard changes.

## Next Steps

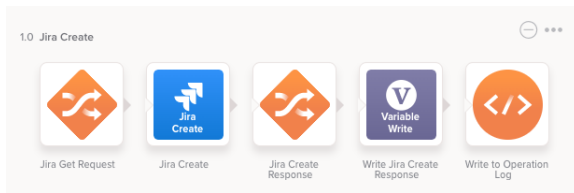
After configuring a Jira create activity, complete the configuration of the operation by adding and configuring other activities, transformations, or scripts as operation steps. You can also configure an operation's operation settings, which include the ability to chain operations together that are in the same or different workflows.

Jira create activities can be used as a target with these operation patterns:

- [Transformation Pattern](#)
- [Two-Transformation Pattern](#) (as either the first or second target)

Other patterns are not valid using Jira create activities. See the validation patterns on the [Operation Validity](#) page.

An example of using the activity in a *Two-Transformation Pattern* operation:



To use the activity with scripting functions, write the data to a temporary location and then use that temporary location in the scripting function.

When ready, deploy and run the operation and validate behavior by checking the operation logs.