



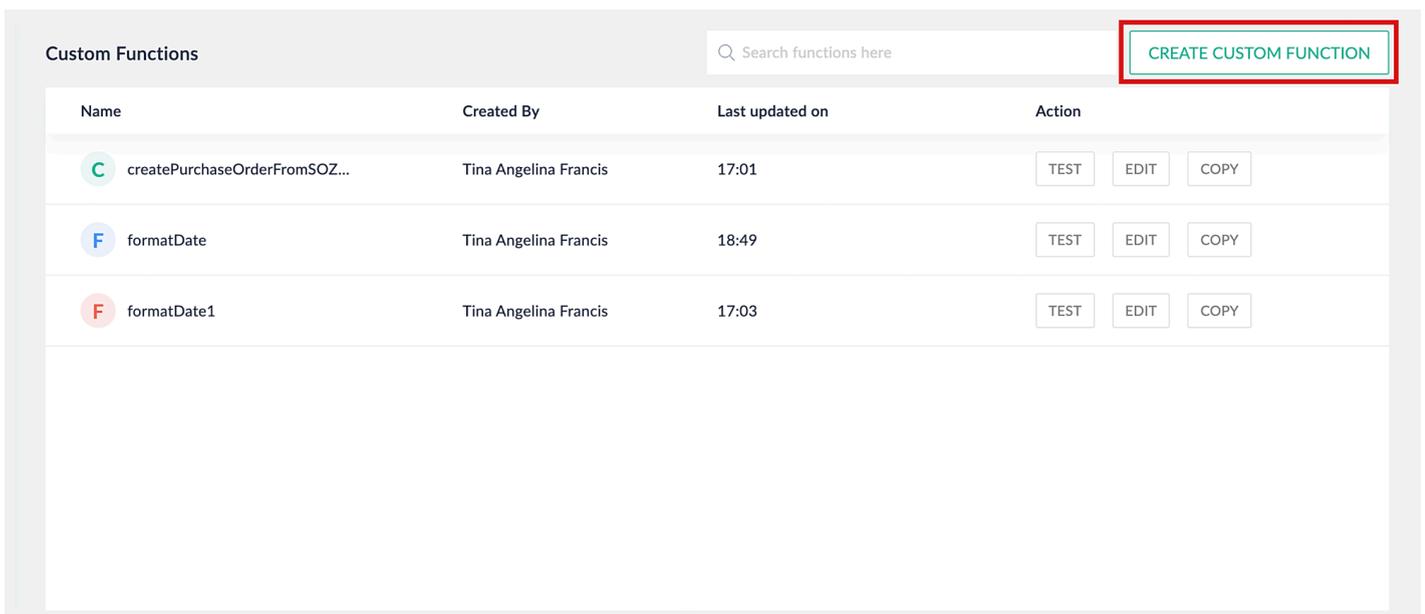
Custom Functions

Custom functions are reusable scripts written in Deluge, the scripting language used by Zoho. They allow you to automate complex tasks and calculations beyond what the native features offer. Think of them as tools you build yourself, specifically tailored to your unique needs.

Create a Custom Function

From the Settings Page:

1. Navigate to **Settings > Custom Functions**.
2. Click **Create Custom Function**.



3. Define the **Function Name**:
 - Start with a letter or an underscore.
 - Use only alphanumeric characters and underscores.
 - *Examples : `_discount_calculation_1`, `autofill_zipcode`.*
4. **Optional**: Click **Function Gallery** (top right) to access prebuilt functions.
5. Select a **Return Type**: Choose the desired output data type for the function.
6. Specify **Input Parameters**: Include parameters required by the function and their respective data types.

7. Click **Create**.

Custom Function

Please follow the steps below to create a function:

- **Step 1:** Provide a name for the function, return type, and parameter, then click **Create**.
- **Step 2:** Enter the required code in the script editor, then click **Save**.
- **Step 3:** Drag and drop the saved functions into the builder from **Custom functions** section in the **Logic** tab.

Create Function

FUNCTION GALLERY

Function Name *

Enter Function Name

Return Type *

void - Returns nothing

Input Parameters

Choose Data Type

CANCEL CREATE

8. Enter the Deluge Script:

- Use the deluge editor to write the code for your function. You can also drag and drop prebuilt functions from the left pane.

 **Tip:** For built-in function help, click the **Built-in Function Reference** link at the top, or use the help icon.

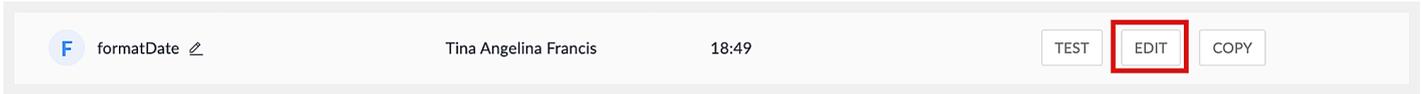
From the RPA Flow Builder:

1. Open the RPA Flow builder.
2. Click the **Logic** tab on the left.
3. Click **Custom Functions** > **Create Custom Function**.
4. Follow the same steps as described in the "From the Settings Page" section above.

Edit a custom function

From the Settings Page:

1. Navigate to **Settings > Custom Functions**.
2. Click the **Edit** button next to the desired function.

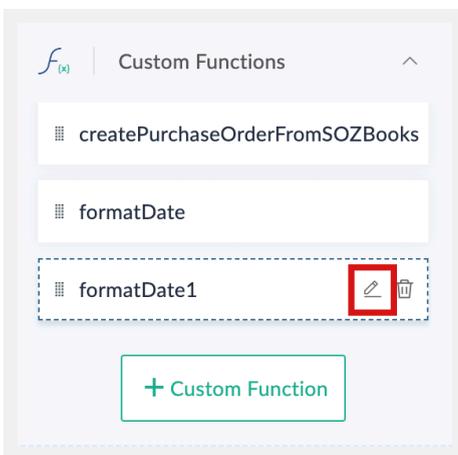


3. Modify the input parameters, return type, or deluge script as needed.
4. Click **Save** to apply the changes.

Note: If you modify function parameters or return types, ensure they are properly configured in flows using the function. Otherwise, errors may occur.

From the RPA Flow Builder:

1. Click the **Logic** tab on the flow builder, then click on **Custom functions**.
2. Click the **Pencil** icon next to the function name.



3. Edit the Deluge script as needed.
4. Click **Save** to apply the changes.

Test a Function

You can test your custom function to ensure that it is working as expected by providing a sample input.

From the Settings Page:

1. Navigate to **Settings > Custom Functions**.
2. Locate the desired function and click the **Test** button next to it.



3. If the function requires input parameters, a window will appear. Enter the required input values for each parameter, then click Execute.

The Input, Output, and Info tabs will display the results of the execution.

From the RPA Flow Builder

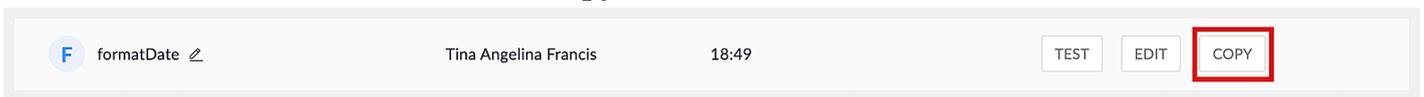
1. Click the **Logic** tab on the flow builder, then click on **Custom functions**.
2. Click the **Pencil** icon next to the function name you want to test.
3. Click the **Execute** button at the bottom of the editor window.
4. If the function requires input parameters, a window will appear. Enter the required input values for each parameter, then click on **Execute**.

The Input, Output, and Info tabs will display the results of the execution.

Copy a Function

Duplicating a custom function allows you to create a copy of an existing function, so that you can experiment with different code without worrying about affecting the original script. This is useful if you want to create variations of a function, or if you want to test different approaches to a particular problem.

1. Navigate to **Settings > Custom Functions**.
2. Locate the desired function and click the **Copy** button next to it.



3. The name of the function will be auto-populated, example: `copy_of_invoice`. you can edit the name if required.
4. Click the **Create Copy** button to create the copy of the function.