



# Custom Script using Deluge

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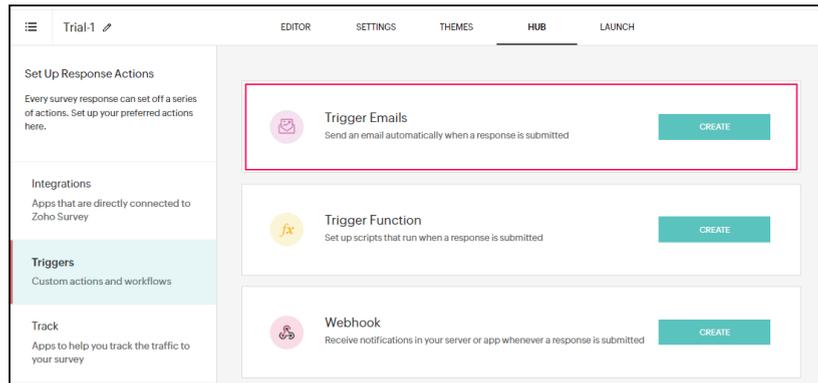
Deluge is a scripting language specifically designed for the Zoho ecosystem. It stands for **Data Enriched Language for the Universal Grid Environment** and is tailored to help users automate tasks and customize applications across Zoho's suite of products. [Read more about Deluge](#).

## Deluge Custom Scripts for Conditions

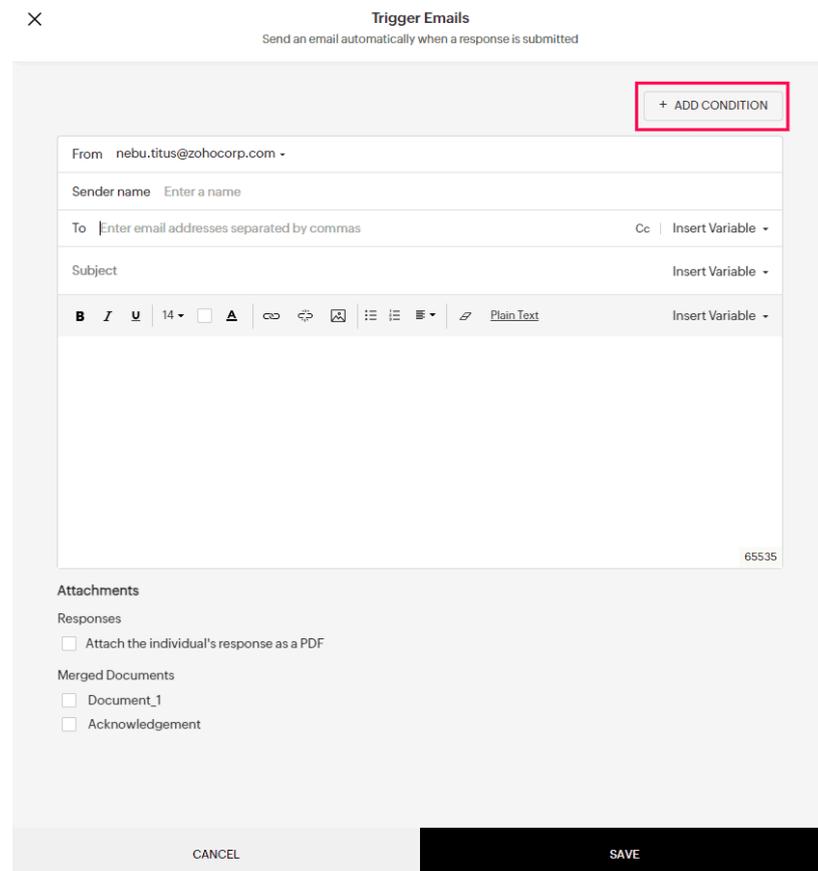
### How to add the Deluge script for Trigger Email:

To add a custom script for Trigger Email:

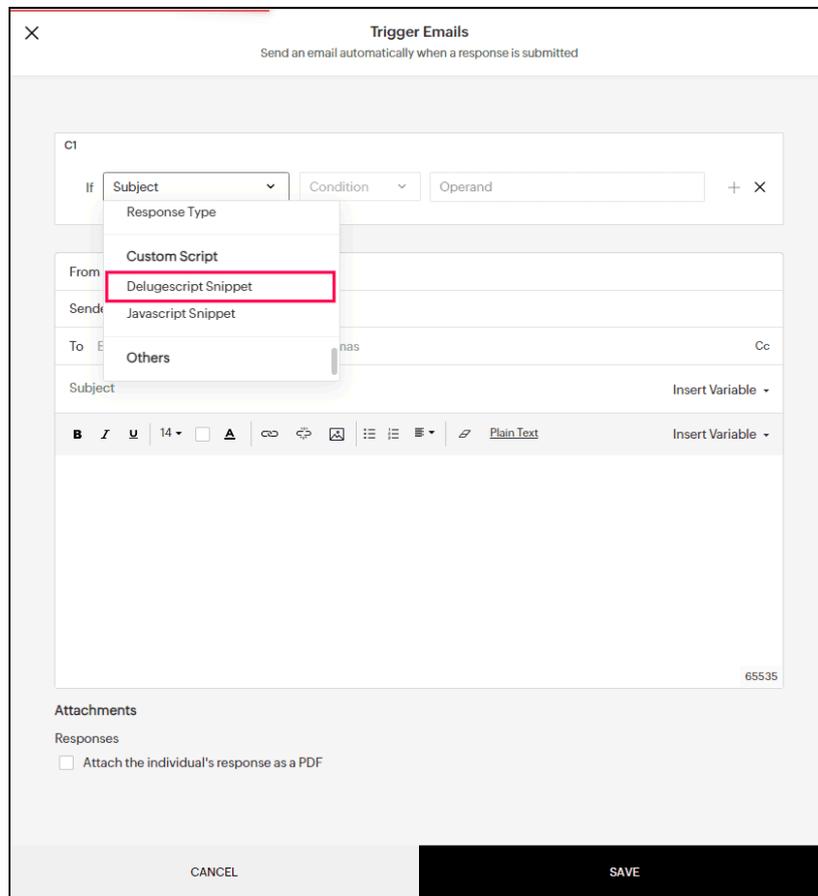
1. Navigate to **Builder > Hub > Triggers** and click the **CREATE** Trigger Emails



2. Click the **ADD CONDITON** button at the top-right corner.



3. Click **If** and select **Deluge script Snippet**.

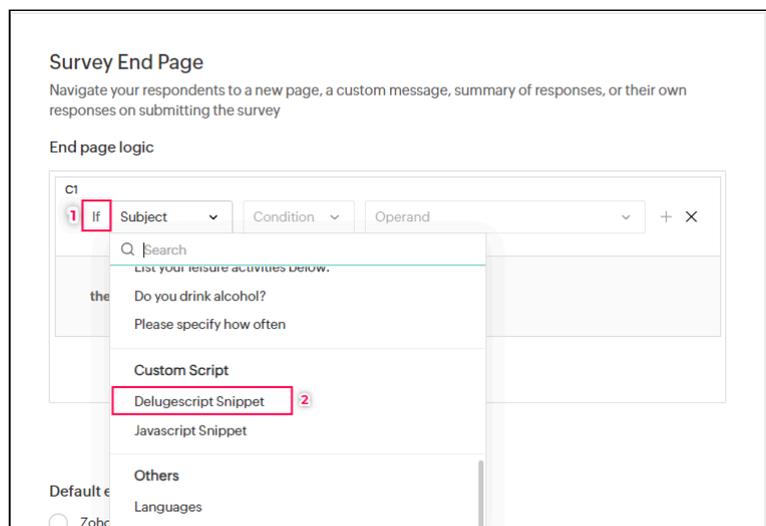


4. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.
5. Add your sender email address and other necessary fields to the email settings for triggering the email when the custom script condition returns **True**.

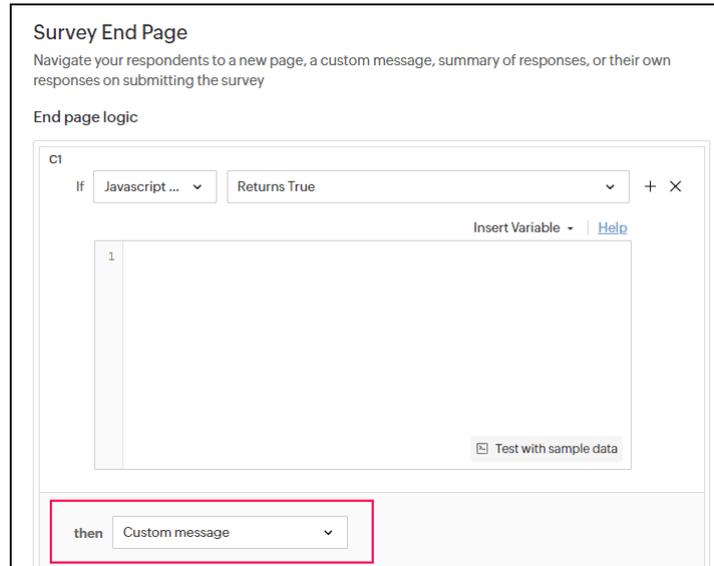
## How to add a Deluge script for the Survey End Page logic

To add a custom script for Survey End page logic:

1. Navigate to **Builder > Settings > Survey End page** and click **Add Logic**.
2. Click **If** and select **Deluge script Snippet** from the dropdown.



3. Add the custom script required to run the end page logic. You can also test run the code to ensure the logic works.
4. In the Default Flow, select the page to redirect to when the custom script logic works.



5. Click **SAVE** at the bottom of the page to confirm the changes.

## Deluge Custom Scripts for Piping

The Deluge custom script can be used for piping in the *Survey End* page and *Survey Disqualification* page

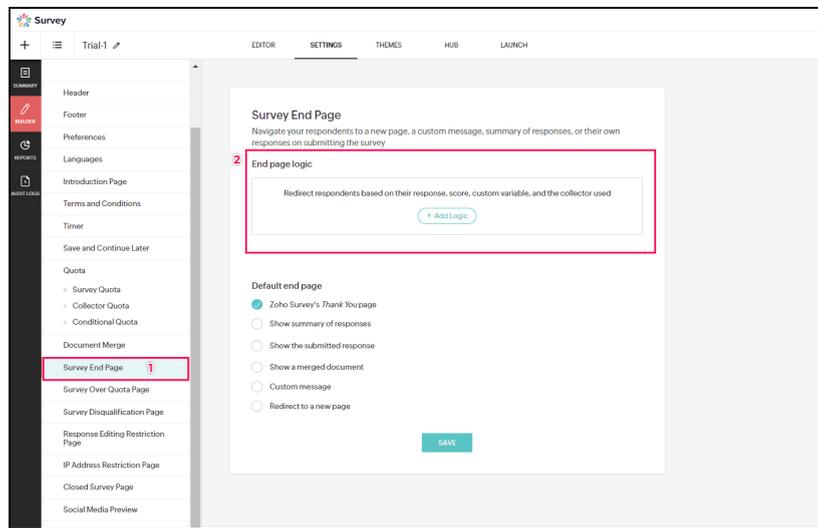
### How to add Deluge script in Survey End Page:

In the Survey End page, the Deluge script can be used for piping in two places, namely in **the custom message** and in **the redirect to a new page**.

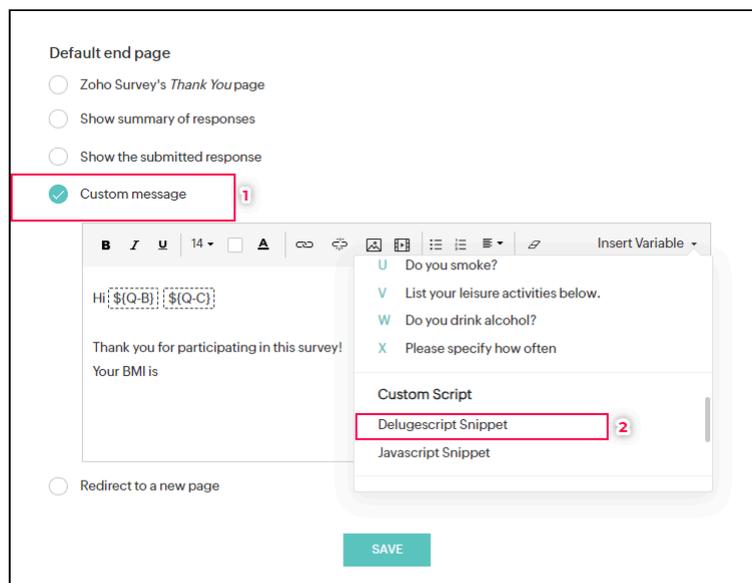
- o **Custom Message**

To add a custom script for a custom message in the *Survey End* page:

1. Go to **Builder>Settings>Survey End Page**, and click on **Add Logic**.



2. Click **If**, scroll down, and select **DelugeScript Snippet**.



3. Add the custom script required for piping and test run the code to ensure it works.

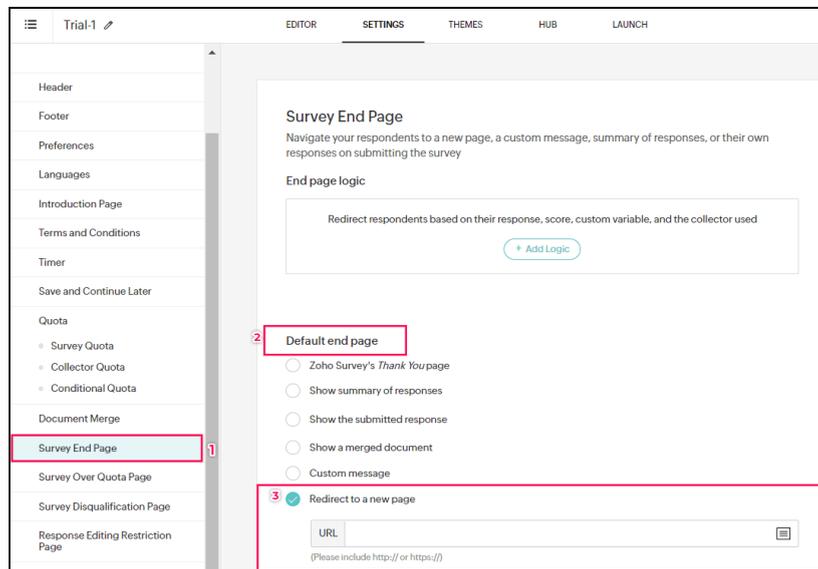
4. Choose the desired action when the piping works under the **then** section.

5. Click **SAVE**.

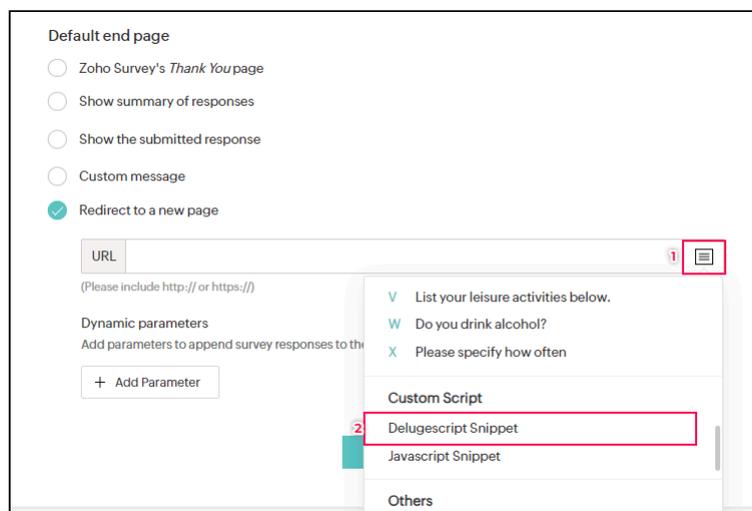
- o **Re-direct to a New Page**

To add a custom script to Re-direct to a New Page in the Survey End Page, follow the steps below:

1. Go to **Builder>Settings>Survey End Page**, and scroll down to the **Default end page** section. Then choose the **Redirect to a new page** option.



2. Then click on **the Insert Variable** icon, scroll down, and select **Deluge Script** snippet.



3. Add the custom script required for piping and test run the code to ensure it works. If it works, click **SAVE**.

4. Add the piping parameter to the URL to which the survey should redirect, and click **SAVE**.

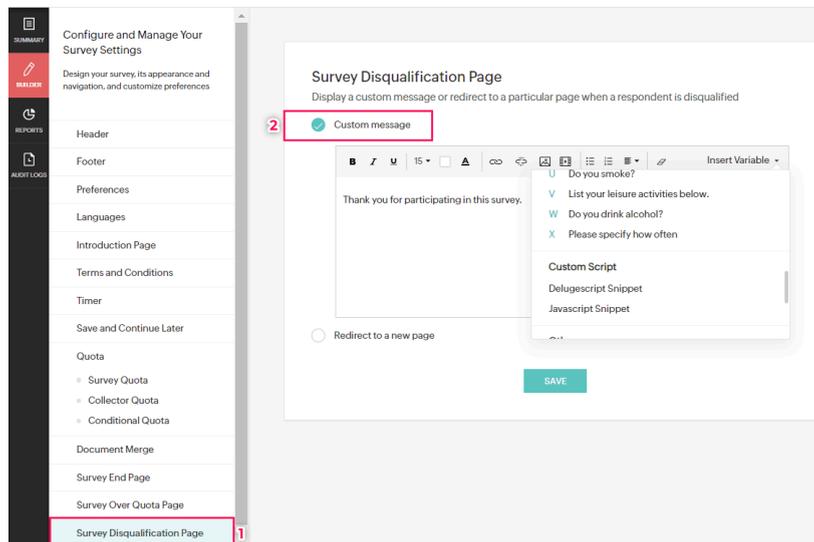
## How to add Deluge script for survey disqualification page

In the Survey Disqualification page, the Deluge script can be used for piping in two places, namely in the **custom message** and in **redirect to a new page**.

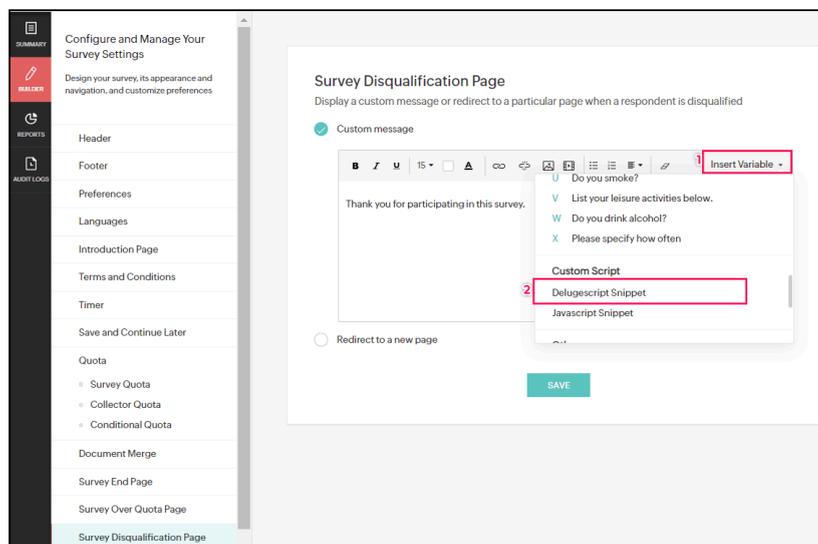
### o Custom Message

To add a custom script for a Custom Message in the Survey Disqualification Page, follow the steps below:

1. Navigate to **Builder > Settings > Survey Disqualification** page, and choose the **Custom Message** option.



2. Click **Insert Variable**, scroll down, and choose **Deluge Script Snippet**.

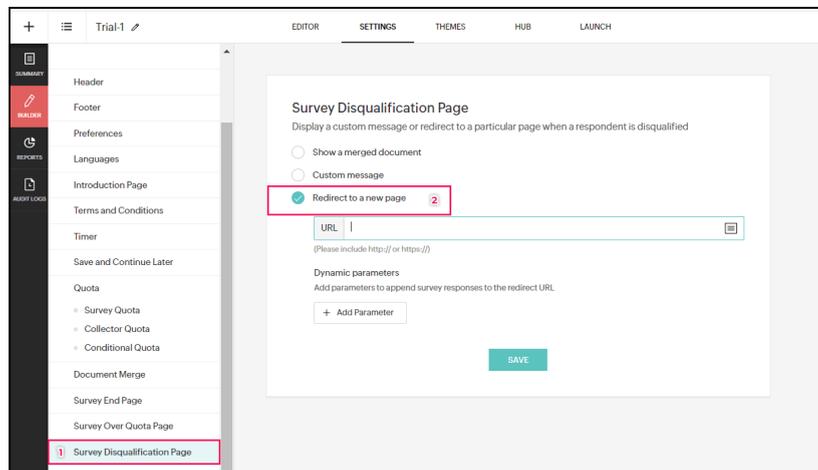


3. Add the custom script required for piping in the window that opens and test run the code to ensure it works.  
4. Click **SAVE**.

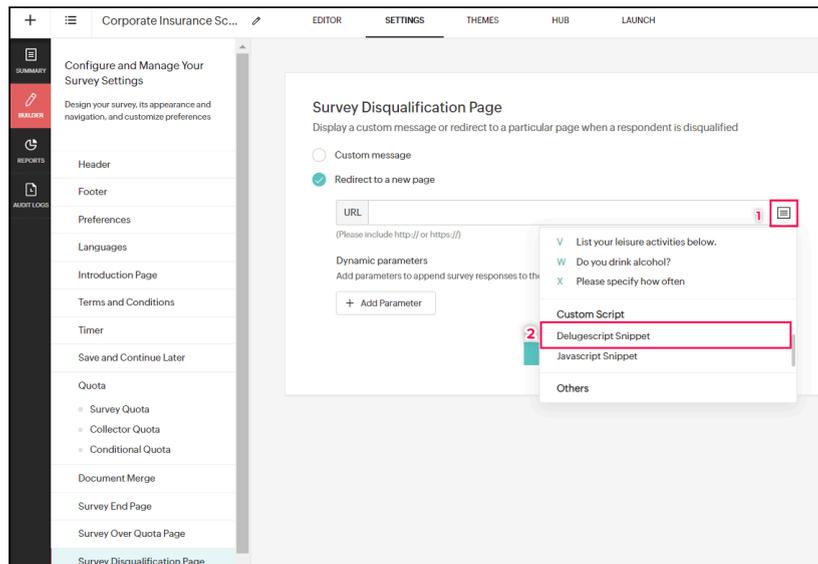
o **Re-direct to a New Page**

To add a custom script to Re-direct to a New Page in the Survey Disqualification Page, follow the steps below:

1. Navigate to **Builder > Settings > Survey Disqualification** page, and select the **Redirect to a new page** option.



2. Click the **Insert Variable** icon, scroll down, and select **Delugescript Snippet**.



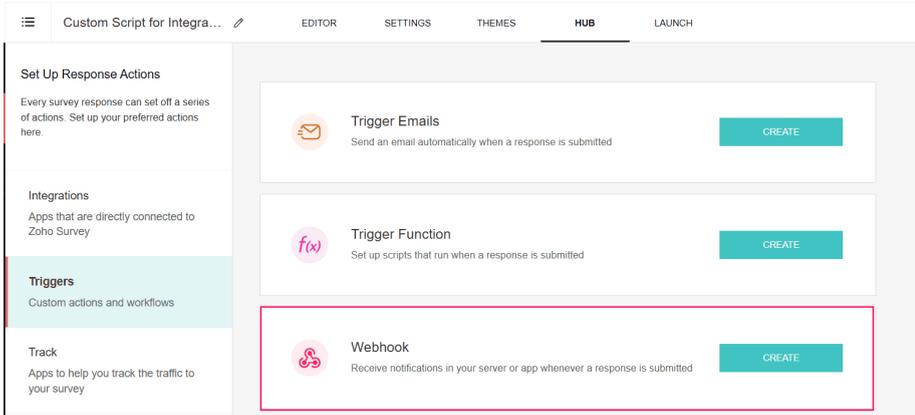
3. In the window that opens, add the custom script required for piping and test run the code to ensure it works. If it works, click **SAVE**.
4. Add the piping parameter to the URL to which the survey should redirect, then click **SAVE**.

## Deluge Custom Scripts for Integrations

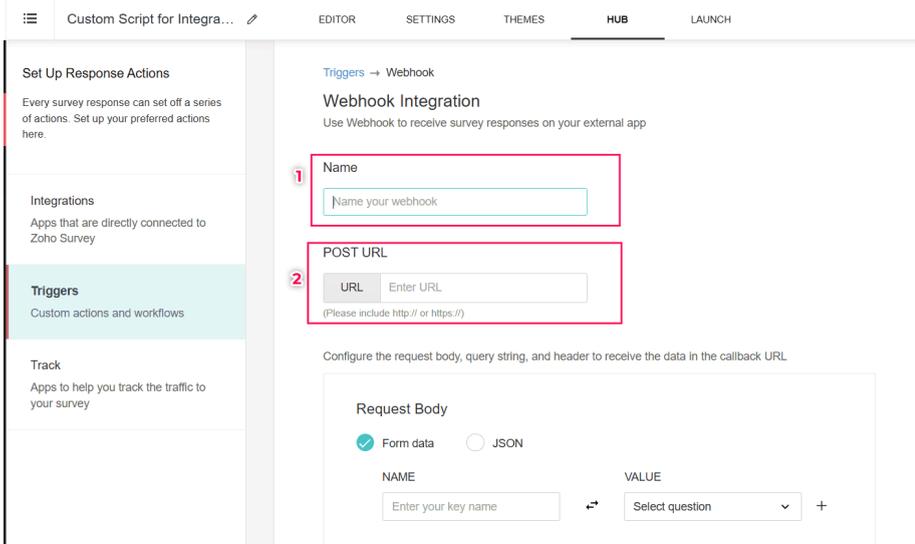
### How to add a Deluge script for Webhook:

Follow the steps below for adding a Deluge script for Webhook integrations:

1. Navigate to **Builder > Hub > Triggers** and click the **CREATE** button for Webhook.

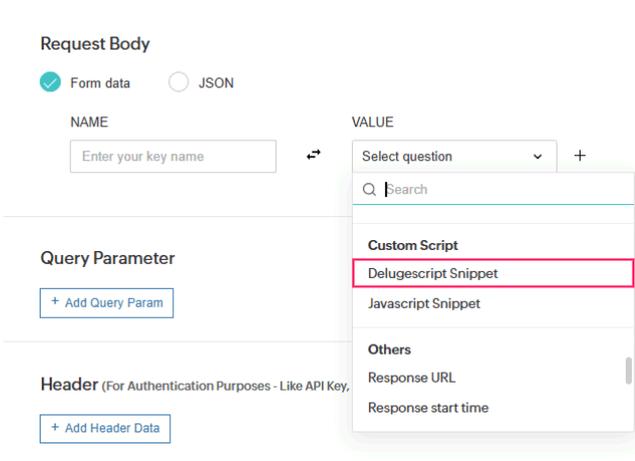


2. Provide a name for the Webhook and add the **POST URL**.



3. In the **Request Body**, enter a name for the key.

4. Add the **VALUE** by scrolling down and selecting **Deluge Script** from the custom script options



5. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.

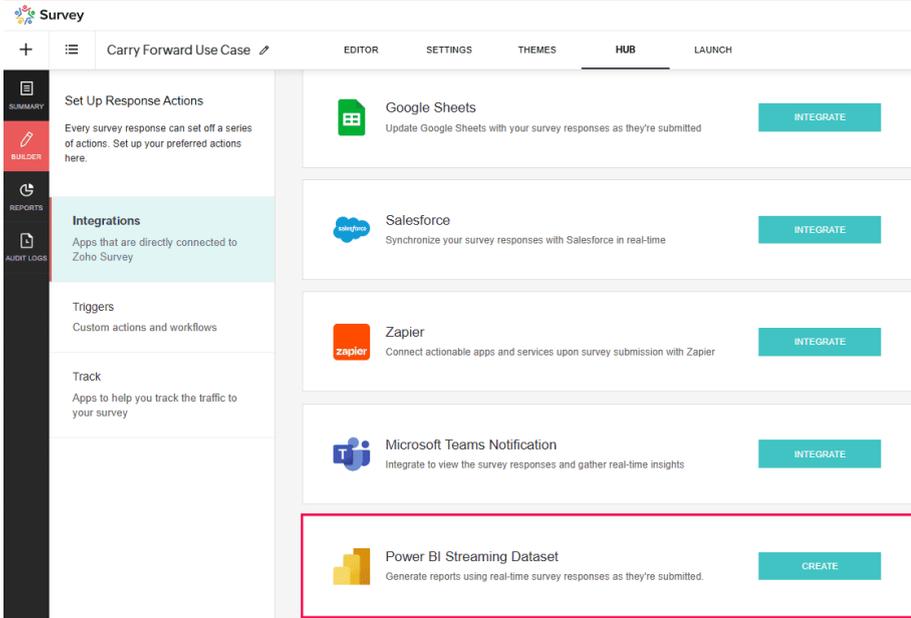
6. Add the query parameter, also using a custom script if required.

7. Add the Header details and click **SAVE**.

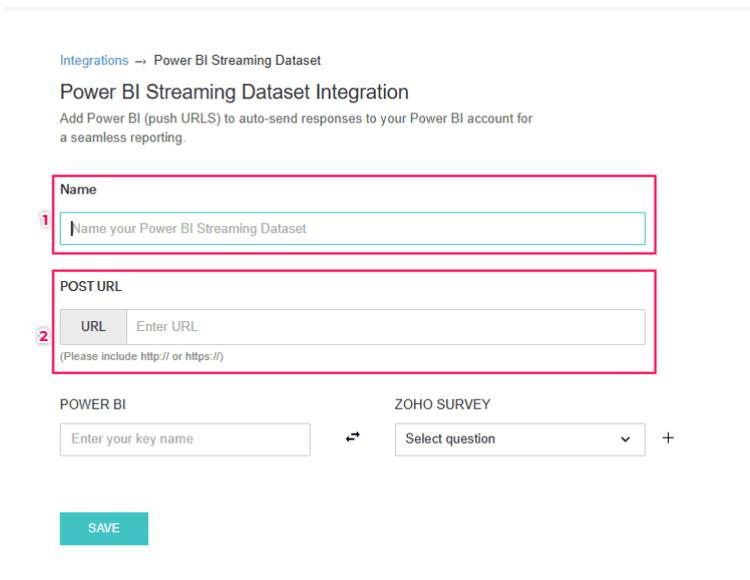
## How to add a Deluge script for Power BI:

Follow the steps below for adding a Deluge script for Power BI integrations:

1. Navigate to **Builder > Hub > Integrations** and click the **CREATE** button for Power BI.



2. Provide a name for the Power BI and add the POST URL

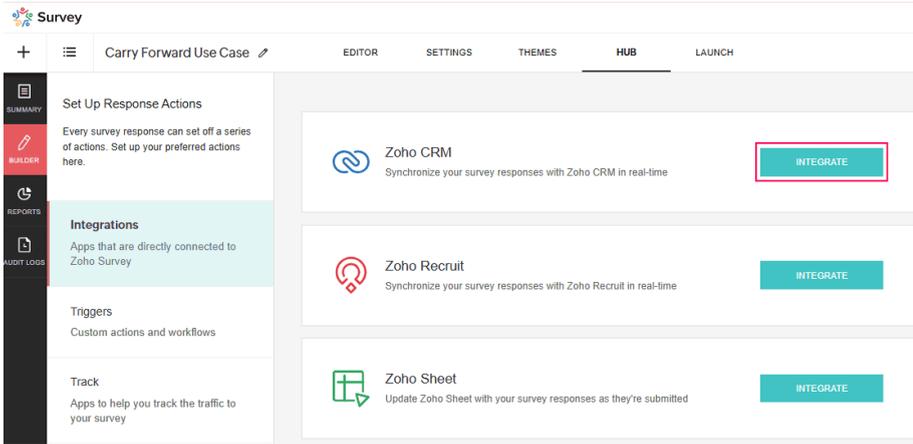


3. In the Request Body, enter a name for the key. Scroll down and select Javascript from the custom script options.
4. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.
5. Click **SAVE**.

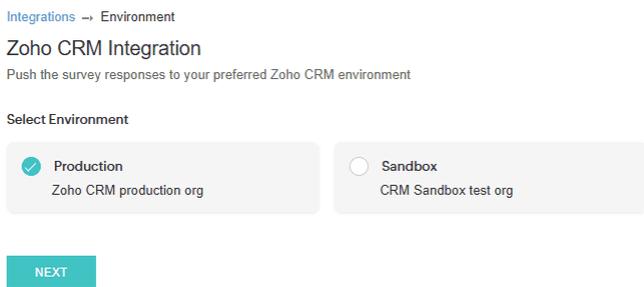
## How to add a Deluge script for Zoho CRM:

Follow the steps below for adding a Deluge script for Zoho CRM

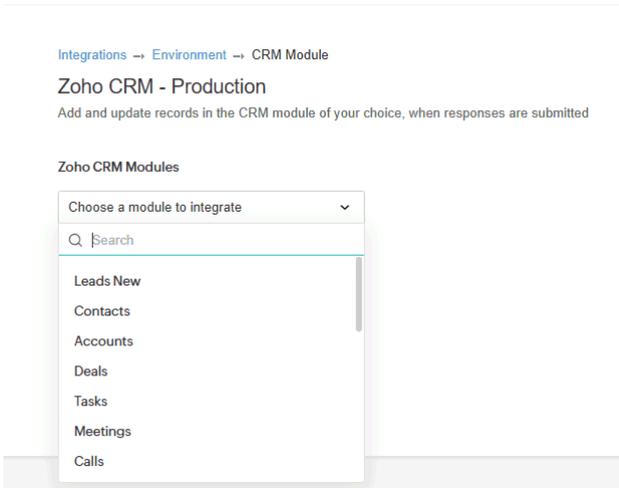
1. Navigate to **Builder > Hub > Integrations** and click the **INTEGRATE** button on Zoho CRM.



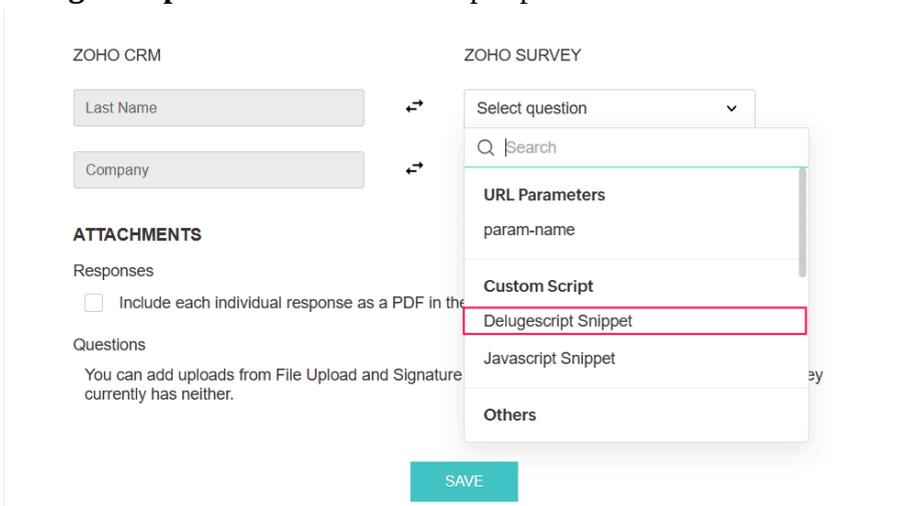
2. Select the environment you wish to pass the responses to, then click **NEXT**.



3. Select the CRM modules from which values should be passed to Zoho survey, using the dropdown button.



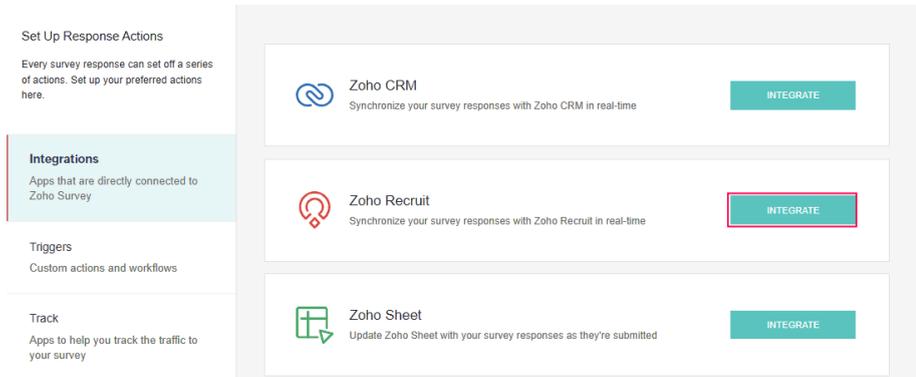
4. Select the type of action that needs to be performed. Under the value to be passed on, scroll down and select **Deluge Script** from the custom script options.



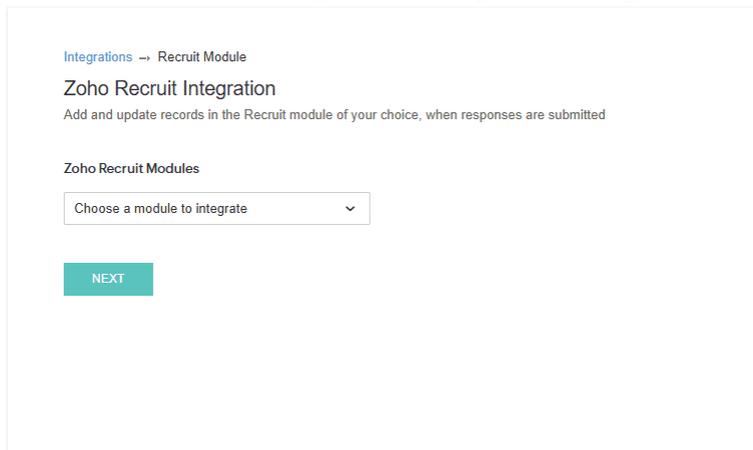
5. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.
6. Click **SAVE**.

## How to add a Deluge script for Zoho Recruit

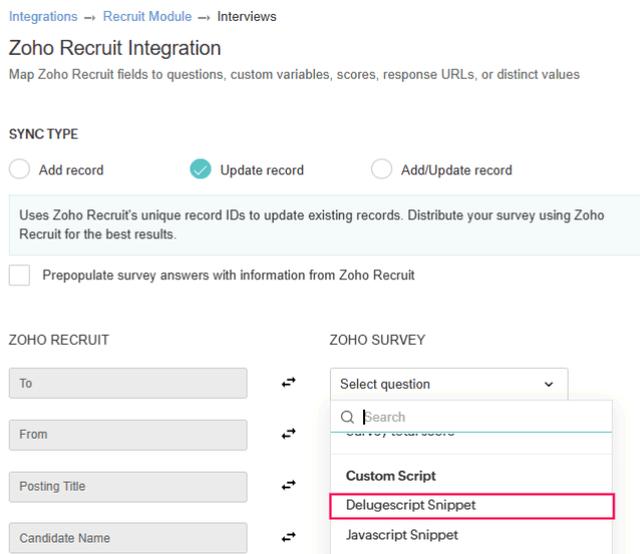
1. Navigate to Builder > Hub > Integrations and click the **INTEGRATE** button on Zoho Recruit.



2. Select the **MODULES** you wish to pass the responses, then click **NEXT**.



3. Select the type of action that needs to be performed. Under the value to be passed on, scroll down and select **Deluge Script** from the custom script options.

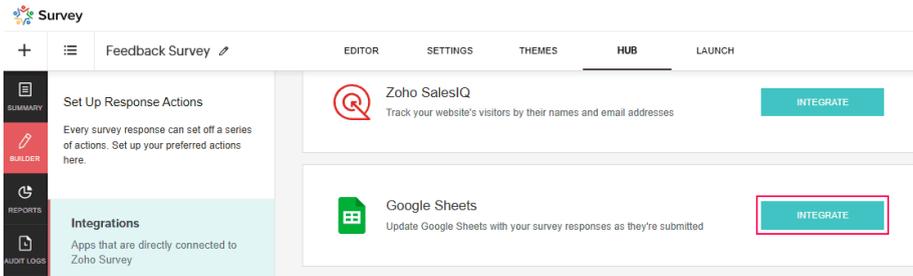


4. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.
5. Click SAVE.

## How to add a Deluge script for Google Sheets

Follow the steps below for adding a Deluge script for Google Sheets:

1. Navigate to **Builder > Hub > Integrations** and click the **INTEGRATE** button on Google Sheets.



2. Select the spreadsheet and questions that need to be integrated and click **NEXT**.

A screenshot of the 'Google Sheets Integration' setup screen. The title is 'Google Sheets Integration' with the subtitle 'Update a new spreadsheet or worksheet with survey responses'. Under 'Select Spreadsheet', there are two radio buttons: 'Create a new spreadsheet' (unselected) and 'Choose an existing spreadsheet' (selected). Below this is a dropdown menu with the text '--- Select a spreadsheet ---'. Under 'Select Questions/Variables', there is a dropdown menu with the text '--- Select ---'. Under 'Response Sync Setup', there is a checkbox for 'Sync existing responses' which is currently unchecked. At the bottom left, there is a teal 'NEXT' button.

3. In the Google Sheet integration page, click the + button.

Integrations → Google Sheets Sync → Customize Questions

### Google Sheets Integration

Update a new spreadsheet or worksheet with survey responses

Customize columns

Column	Questions/Variables	Custom Label
C1	Time Taken to Respond	<input type="text" value="Enter your custom label"/> ×
C2	Response ID	<input type="text" value="Enter your custom label"/> + ×

[SAVE](#)

4. Under Select question, scroll down and select **Deluge script** from the custom script options.

ZOHO CRM

Last Name ↔

Company ↔

**ATTACHMENTS**

Responses

Include each individual response as a PDF in the responses

Questions

You can add uploads from File Upload and Signature questions. Your survey currently has neither.

ZOHO SURVEY

Select question

Search

- URL Parameters
- param-name
- Custom Script**
- Delugescript Snippet
- Javascript Snippet
- Others

[SAVE](#)

5. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.

**Delugescript Variable** ×

Return a value to replace the variable

Insert Variable ▾ | [Help](#)

1 |

[Test with sample data](#)

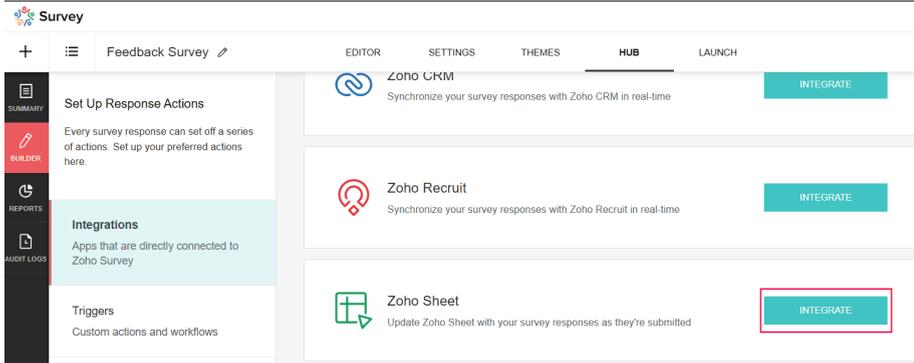
[CANCEL](#) [SAVE](#)

6. Click **SAVE**

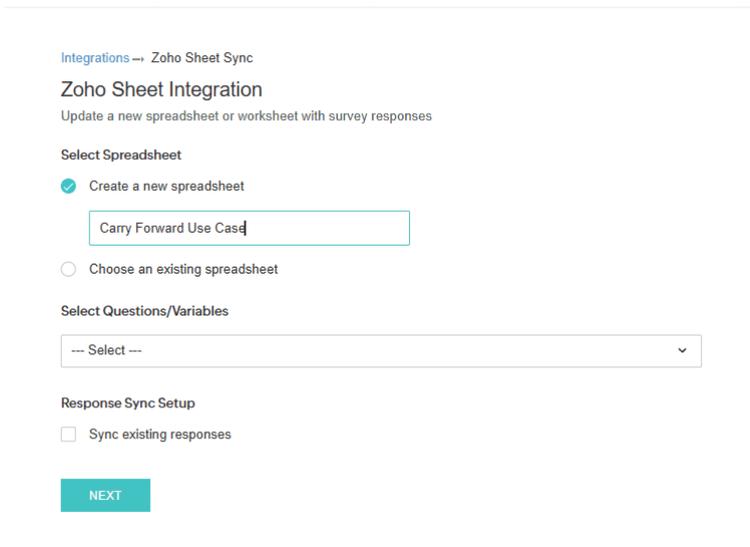
## How to add a Deluge script for Zoho Sheets

Follow the steps below for adding a Deluge script for Zoho Sheets:

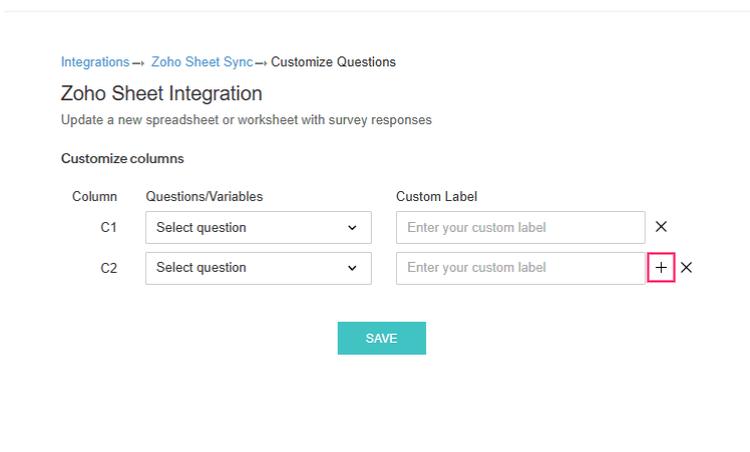
1. Navigate to **Builder > Hub > Integrations** and click the **INTEGRATE** button on Zoho Sheets.



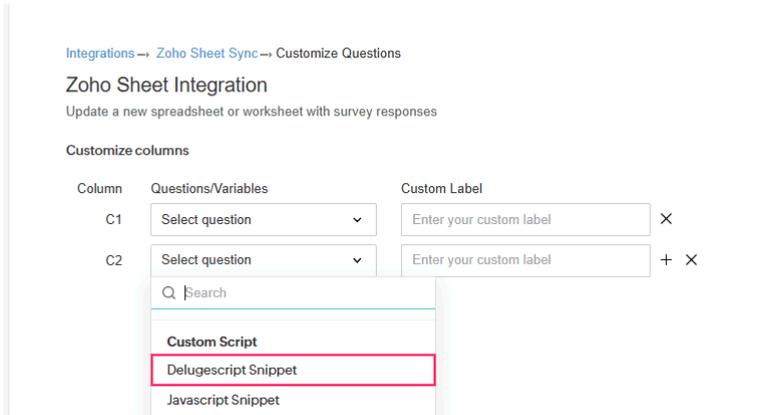
2. Select the spreadsheet and questions that need to be integrated and click **NEXT**.



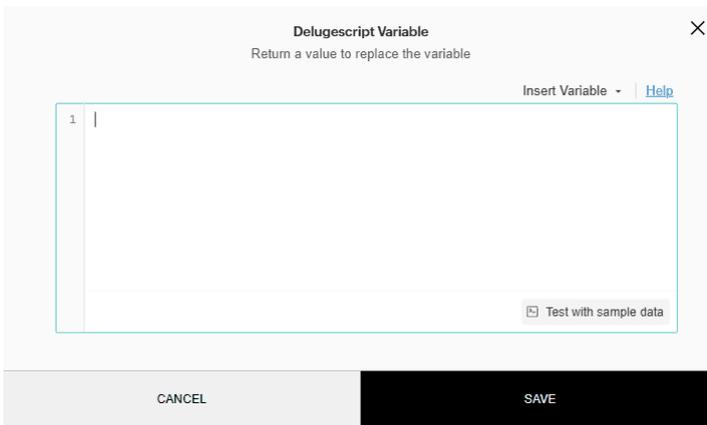
3. In the Zoho Sheet integration page, click the + button. Depending on the number of questions, you may need to scroll down.



4. Under Select question, scroll down and select **Deluge script** from the custom script options.



5. Add the custom script required to run the required logic. You can also test run the code to ensure the logic works.



6. Click SAVE

## Points To Note

The following keywords are restricted to be saved in Deluge :

sendmail	posttochat	zoho	integration
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## Sample Reference

A sample reference Deluge script snippet code demonstrating a simple condition using an if statement. The provided Deluge code snippet demonstrates a simple condition using an if statement. This code snippet checks a specific response value and returns true if it matches the string 'Single'.

```
if(application.get('survey').get('question').get('C').get('response') == 'Single' )  
{  
  
return true;
```

}

 **Note:**

You can read here more about [built-in Deluge](#) functions. You can only use [text functions](#), [Date- Time functions](#), [Number functions](#) and some [Common functions](#).