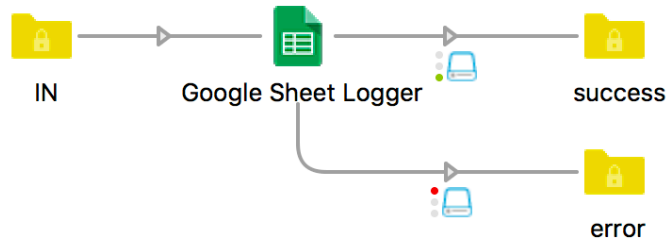


# Google Sheet Logger

## Description

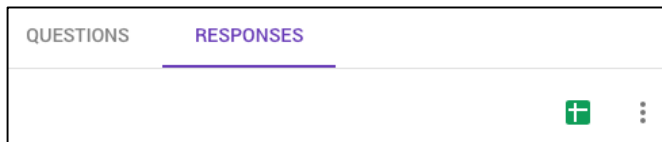
Google Sheet Logger allows you to log job information to Google Sheet. Moreover, install Google Sheet app on your smartphone or tablet, and log your Switch activity on your smartphone or tablet!



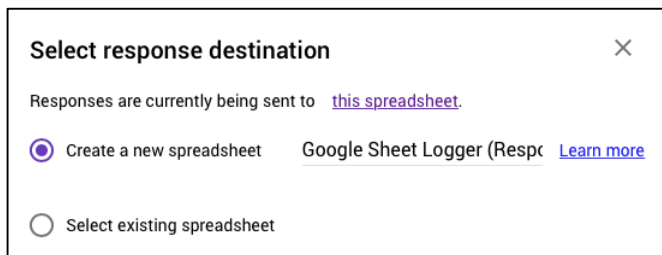
## Setup

Google Sheet Logger actually fills in a Google Form, that will be saved to Google Sheet as well.

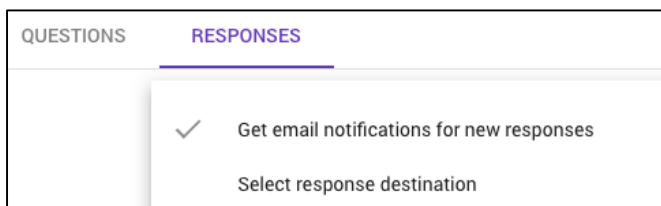
- First create a Google Form on <https://docs.google.com/forms>
- Define all your fields, see example at the right side.
- Go to the 'Responses' tab, and click on the green sheet icon.



- Create a new Google Sheet spreadsheet to save your data, or select an existing one.



- If you click on the three dots, you can also activate email notifications for new responses.



### Google Sheet Logger

**Job Name**  
Your answer \_\_\_\_\_

**Job ID**  
Your answer \_\_\_\_\_

**Customer Name**  
Your answer \_\_\_\_\_

**Multi value**

A

B

C

**SUBMIT**

Never submit passwords through Google Forms.

## Flow elements properties

- Google Form url
  - Copy the Google Sheet url, e.g.  
<https://docs.google.com/forms/d/1eUqEYsuJaZBDGFtr4glZQpJO0kmOhEpPO0w6e2AVjus/edit>
  - Paste this url in the “Google Form url” app property, and replace “/edit” at the end with “/formResponse”, e.g.  
<https://docs.google.com/forms/d/1eUqEYsuJaZBDGFtr4glZQpJO0kmOhEpPO0w6e2AVjus/formResponse>

- Content

- Content to send to Google Form / Google Sheet

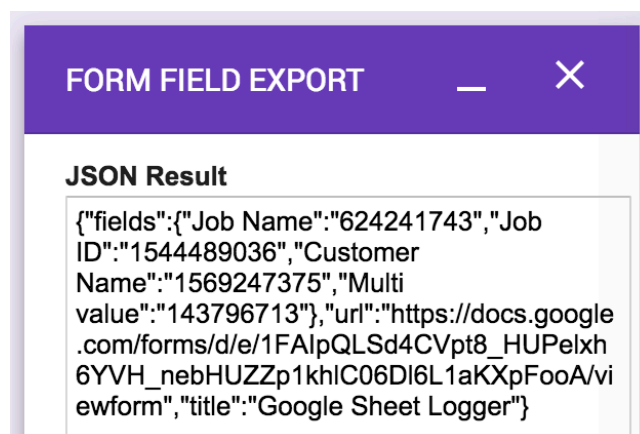
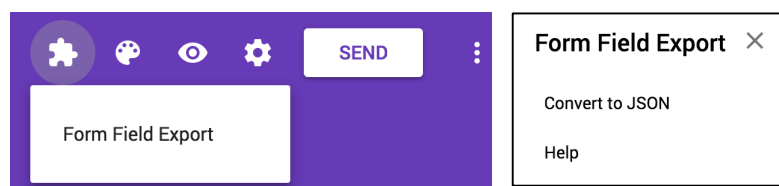
You first need to get the field ID of every field used in the form.

First solution, with Google Chrome only:

Install the “Form Field Export” extension for Google Chrome

<https://chrome.google.com/webstore/detail/form-field-export/ibhddnojgelmfpfdhahdndmpebdofoo>

Edit the form, click on the add-ons icon, and select “Form Field Export” then “Convert to JSON”. A window will open with all fields and IDs.



Second solution:

Paste the Google formResponse url defined above in your web browser, and display the page source (cmd-U or ctrl-U in Firefox).

Search for one of the fields you created, and find it in the page source:

```
[null,[null,[[1541180349,"Job Name",null,0,[[624241743,null,0],
,[1253613308,"Job ID",null,0,[[1544489036,null,0]
,[1933738880,"Customer Name",null,0,[[1569247375,null,0]
,[1841123525,"Multi value",null,2,[[143796713,["A",null,null,null,0]
```

The field IDs are the numbers after the name of the fields, here in red.

In the content property, every line should contain the field ID and the value (most of the time a Switch variable), separated by the :: separator (double colon).

You can use comment lines, beginning with //

Empty lines and lines without the :: separator will be ignored.

Default sample content:

```
// 3 first lines are comment lines (beginning with // )
// empty lines and lines without the :: separator will be ignored
// fieldID::SwitchVariable
624241743::[Job.Name]
1544489036::[Job.UniqueNamePrefix]
1569247375::Company ABC
143796713::A
```

## Compatibility

Switch 13 update 1 and higher, Windows & Mac

## Connections

Google Sheet Logger requires at least one input and one output connection.

If the post was successful, the job will be sent to the “success” output connection(s).

If the post failed for any reason, the job will be sent to the “error” output connection.

The error code and server response are then logged in the Switch messages.

## Final result

The first column, Timestamp, is added automatically.

	A	B	C	D	E
1	Timestamp	Job Name	Job ID	Customer Name	Multi value
2	09/10/2017 16:26:14	Job Name 1	Job ID 1	Customer Name 1	
3	09/10/2017 16:28:26	Job Name 2	Job ID 2	Customer Name 2	
4	09/10/2017 16:54:54	Job Name 2	Job ID 2	Customer Name 2	A
5	09/10/2017 17:47:38	my job.png	0002V	Company ABC	A
6	09/10/2017 17:57:18	my job.png	0002W	Company ABC	A
7	09/10/2017 18:26:22	my job 2.png	31	Company ABC	A
8	09/10/2017 18:35:07	my job 3.png	32	Company ABC	A