

2. How to use actions cards in the Homey App

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2.1 Flow Card Introduction

This app has only Then Cards

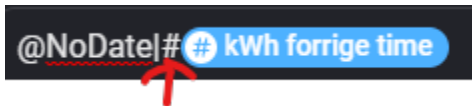
All cards has a timestamp column as 1st column with current timestamp as value

2.2 Formatting

If you start your number values with a '#' - sign, then the format of numbers will be replaces so it matches with the way Google Sheets interpret numbers. By default a . will be replaced with ,.

Like 12.34 will be sent to Google as 12,34 to have Google recognize it as a number.

Example from a flow



If you start your delimited data with **@NoDate** the timestamp column will be omitted.

Example:

Example:

```
@NoData|123|hello
```

```
will only print 2 columns from the startingpoint
```

2.3 Action Card - Insert Multicell values with Delimited Data

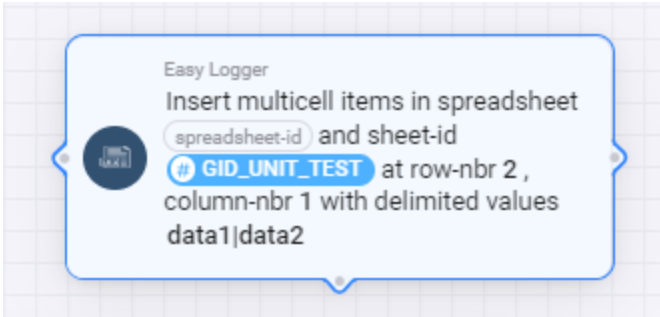
Note that *spreadsheet-id*, introduced i v1.2.0 is *optional* and may be used if target spreadsheet is other than default configured in the App Settings



sheet-id must not be confused with spreadsheet-id. In this app sheet-id is the same as gid from the <https://docs.google.com/spreadsheets/d/xxxxxxxxxxxxxxxxxxxxxxxxx/edit#gid=12345678>. The gid represents each tab's in the spreadsheet, and for this link, the sheet-id is 12345678

Here's how it will execute:

1. Move down all rows at the row-nbr position
2. Write the delimited values in the space created in the column-nbr at the row-nbr which is empty after the step 1



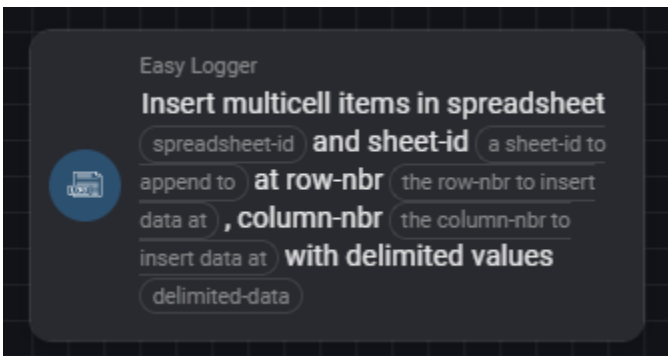
Data before :

C8		A	B	C
1	old row A1		old row B1	old row C1
2	old row A2		old row B2	old row C2
3	old row A3		old row B3	old row C3
4				

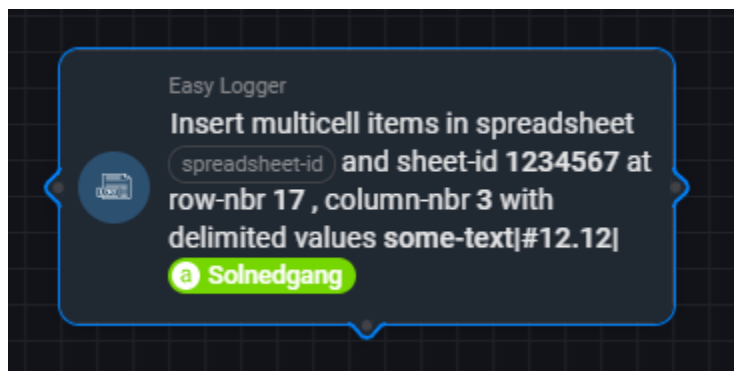
Data after :

B13		A	B	C
1	old row A1		old row B1	old row C1
2		11.08.2023 kl. 17.00.29	data1	data2
3	old row A2		old row B2	old row C2
4	old row A3		old row B3	old row C3
5				
6				

Definition of the card:



With some sample data :




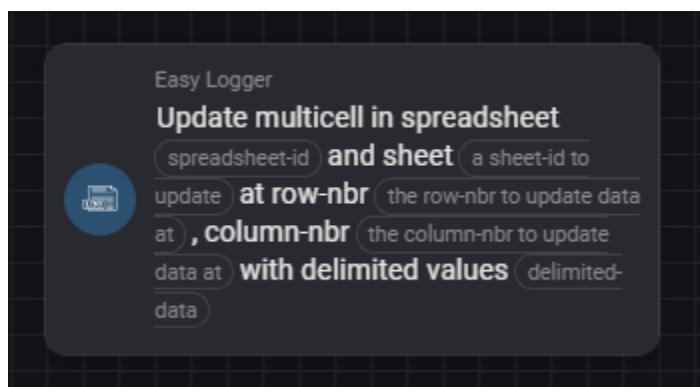
Produced in Google Sheets:

16						
17			30.12.2022 kl. 00.03.30	some-text		12,12 15:22
18						

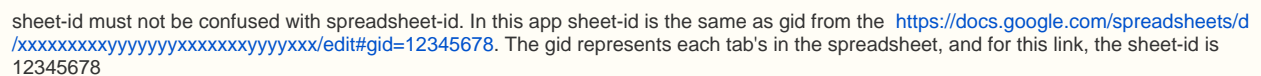
2.4 Action Card - Update Multicell values with Delimited Data

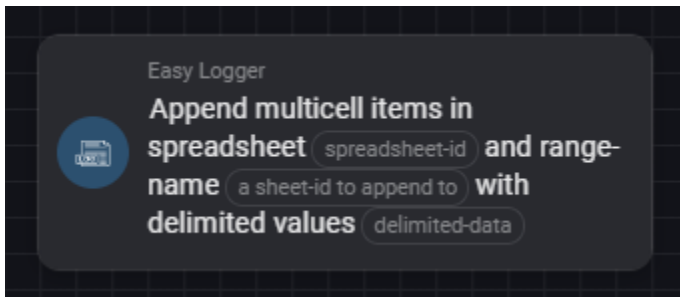
Note that *spreadsheet-id*, introduced in v1.2.0 is *optional* and may be used if target spreadsheet is other than default configured in the App Settings.

 sheet-id must not be confused with spreadsheet-id. In this app sheet-id is the same as gid from the <https://docs.google.com/spreadsheets/d/xxxxxxxxxxxxxxxxxxxxxxxxxx/edit#gid=12345678>. The gid represents each tab's in the spreadsheet, and for this link, the sheet-id is 12345678

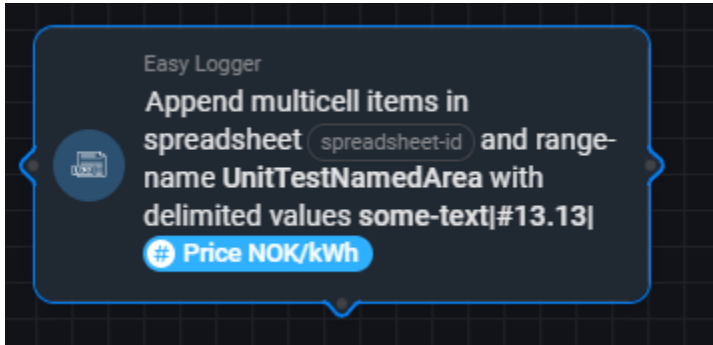


With some sample data :



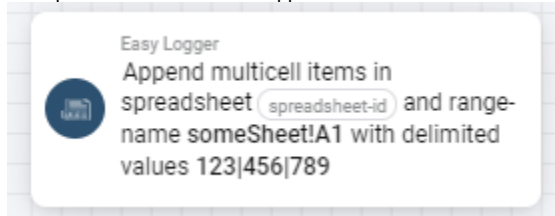


With some sample data :



There are at least two ways of specifying where the new data shall appear

- A named range
 - Explained more in detail [here](#)
- A cell reference
 - example **someSheet!A1** will append the new data to the next available cell below the reference



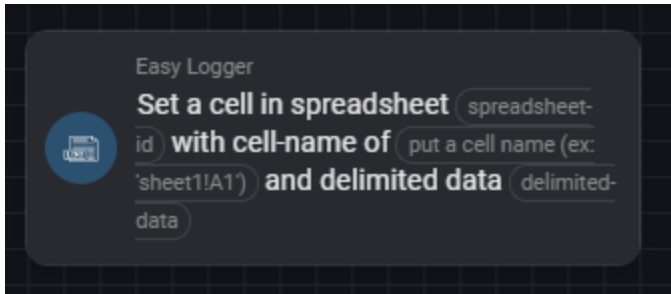
	A	B	C	D
	6.2.2023 kl. 17.20.39	123	456	789
	6.2.2023 kl. 17.20.43	123	456	789

Will append all new data to bottom

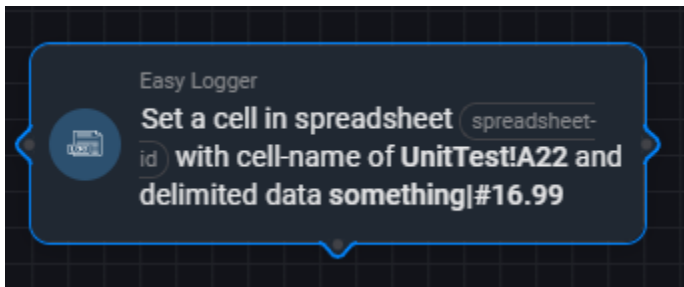
8				
9	30.12.2022 kl. 00.11.49	some-text	13,13	0.9488
10	30.12.2022 kl. 00.12.22	some-text	13,13	0.9488
11				

2.6 Action Card - Set values with Delimited Data

Note that *spreadsheet-id*, introduced in v1.2.0 is *optional* and may be used if target spreadsheet is other than default configured in the App Settings



With some sample data :

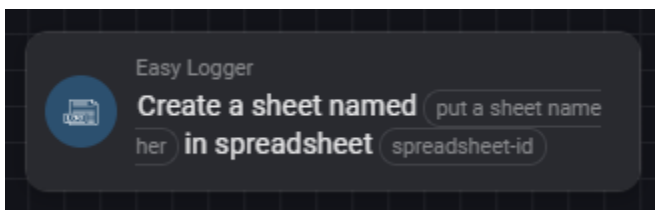


Will set data on that row

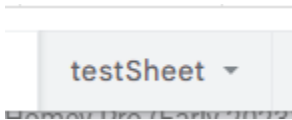
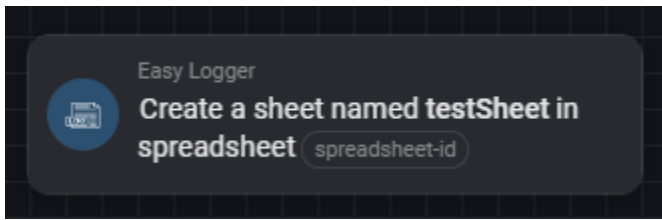
20				
21				
22	30.12.2022 kl. 00.15.53	something	16,99	
23				
24				
25				

2.7 Action Card - Create Sheet

Note that *spreadsheet-id*, introduced i v1.2.0 is *optional* and may be used if target spreadsheet is other than default configured in the App Settings



Creates that sheet :



2.8 Create big arrays of data with just one Action Card

If you want to produce a lot of data with just one call to the Google API, this is how you can do it.

First you must change the delimiter to something other than ; if necessary. The default of | is preferred.

| may be a good delimiter, and is used in this example

Below are two Set cards. They both address a sheet with a starting cell (A1 and A5 in the second card)

If you run both these cards you will see that the first creates data with a timestamp in the upper left corner of the 'area', the next is creating without the timestamp

If it's hard to read the card this is the content:

upper card : `={1;2;3}|={4;5;6}|={7;8;9}`

lower card: `@NoDate|={1;2;3}|={4;5;6}|={7;8;9}`

Easy Logger

Set a cell in spreadsheet spreadsheet-id with cell-name of UnitTest!A1 and delimited data =`{1;2;3}|={4;5;6}|={7;8;9}`

Easy Logger

Set a cell in spreadsheet spreadsheet-id with cell-name of UnitTest!A5 and delimited data @NoDate|=`{1;2;3}|={4;5;6}|={7;8;9}`

	A	B	C	D	E
1	8.1.2023 kl. 12.35.40	1	4	7	
2		2	5	8	
3		3	6	9	
4					
5		1	4	7	
6		2	5	8	
7		3	6	9	
8					
9					

2.9 spreadsheet-id vs sheet-id

Be aware that spreadsheet-id and sheet-id is similar in names but very different in use, se picture below

Easy Logger

Update multicell in spreadsheet spreadsheet-id and sheet a sheet-id to update at row-nbr the row-nbr to update data at , column-nbr the column-nbr to update data at with delimited values delimited-data

If you look into the url of your Google Sheet URL

The red part is the **spreadsheet-id** and the blue part is **sheet-id**

<https://docs.google.com/spreadsheets/d/1Ax-1JAF5F2l84762l83746l92874rkDGSeaw32oq6Htgxjc/edit#gid=1652269170>