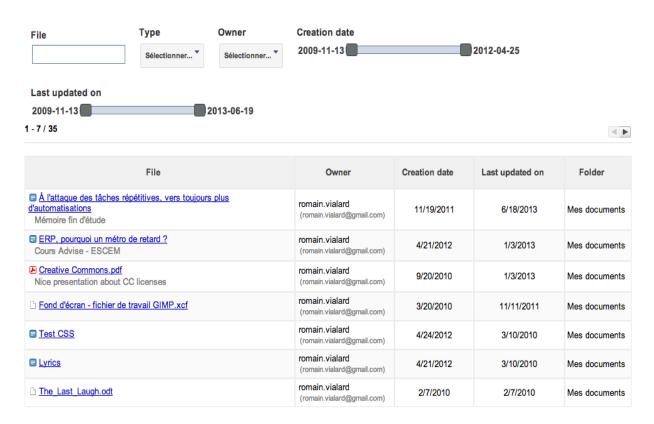


Awesome Table - Documentation

This documentation is OUTDATED and not updated any more.

Please find the up-to-date Awesome Table documentation here:

https://support.awesome-table.com/ hc/en-us Awesome Table can be used to create a table from a spreadsheet and add interactive controls to manipulate the data it displays.



Example: Using the Awesome Table gadget to display a list of files

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Issue impacting Awesome Table + new Google Sheets + formulas

Formulas aren't automatically recalculated by Google in the new version of Google Sheets. All cells containing formulas might appear as empty (thus if you have only formulas in your Sheet not real data, it will appear to Awesome Table as empty and you'll see the error message "**no data to display**").

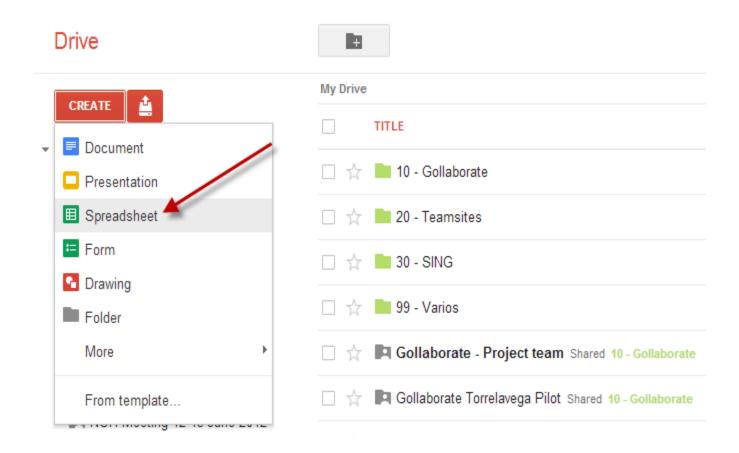
Current fix: keep the Sheet open in a web browser, it will force Google to recalculate all formulas regularly and will prevent the cells from appearing empty. For now on, please try to not use formulas in Sheets using Awesome Table.

Google is working on a fix. - Click here to be notified once the issue will be fixed

Follow those instructions to use this gadget in your Google Site

>> or watch this video tutorial

1 - Create or open an existing Google Sheet



1.1 Fill the Sheet with the data that will be displayed by Awesome Table

Gollaborate - Google Apps Network - Script List - https://sites.google.com/a/solv

| File Edit View Insert I | File Edit View Insert Format Data Tools Help All changes saved in Drive | | | | |
|-------------------------------------|---|---------------------------|---|--|--|
| ⊕ r ~ □ · 🕆 | % 123 - 10pt - B Abc | <u>A</u> - M - ⊞ - ≣ - ⊞€ | Σ - [11] 🔻 | | |
| 8 | _ | - | - | | |
| A | В | С | D | | |
| Teamsite View on Sites | Gadget | Sites | Display a list of documents from a TeamSite embeded in a Google Site page | | |
| Weather forecast on Sites | Gadget | Sites | Display the weather forecast from your location embedded in a Google Site page | | |
| Tracking Visitors on Google Site | Copy & Paste | Sites | Track the visitors accessing to your Site and storage a record for each visit in a Spreadsheet | | |

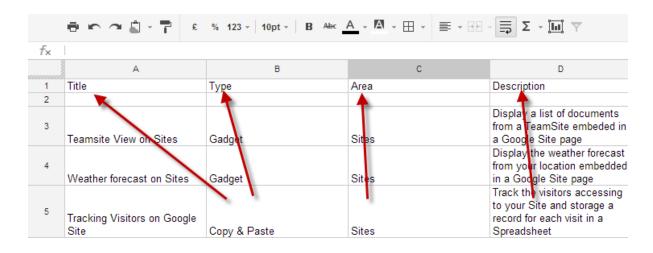
1.2 Share the spreadsheet

Use the standard sharing settings available in Google Spreadsheet to share it to specific people, or everyone in a domain or everyone in the world. People won't be able to use the gadget if they don't have viewer permission on the data it displays (ie the spreadsheet).

2 - Configure the spreadsheet

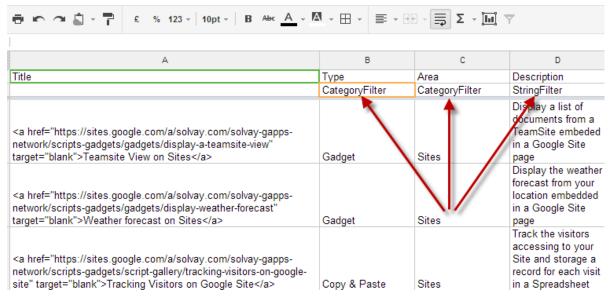
2.1 - The first row should contain the column headers

Those column headers will be reused in the gadget.



2.2 - Configure the filters on the second row

Fill the second row with the filters you want for the gadget



2.3 Available filters

- StringFilter
- NumberRangeFilter
- CategoryFilter
- DateFilter
- csvFilter

And also:

- NoFilter
- Hidden (which can be also used as additional attribute, i.e. CategoryFilter Hidden)

StringFilter can be used to filter columns containing free text

| Description | |
|-------------|--|
|-------------|--|

Note: for now on, this filter cares about accents (you must type the accent in the filter to show results that have accented characters). If you wish it could be smarter than that, please <u>star this issue</u>.

can be used to filter columns containing numbers - warning: actually a range filter is automatically created for all columns containing numbers. If you don't want the filter to be displayed, indicate **NoFilter** on that column. Contrary to other filters, you don't have to write "NumberRangeFilter" to display that filter (as it is automatically created).

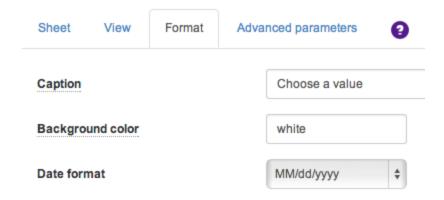


CategoryFilter can be used to filter columns containing a list of similar values (choose from a list)



DateFilter can be used to filter columns containing dates (several date formats are available, you can choose the format in the gadget parameters)

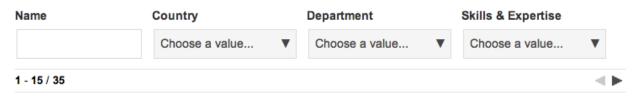




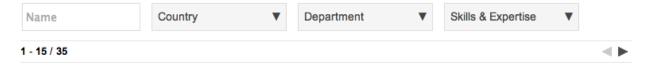
csvFilter can be used to filter columns containing comma separated values - eg a list of skills



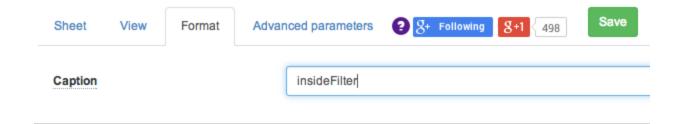
Beta - Labels inside filters By default, you should get something like this:



It is also possible to include the labels inside each filter to get something like this (example):

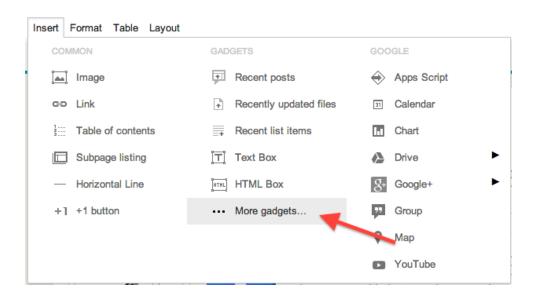


This might become the standard way to display filters in the future but for now on, to get the same result, open Awesome Table settings and add the keyword "insideFilter" into the "caption" field.

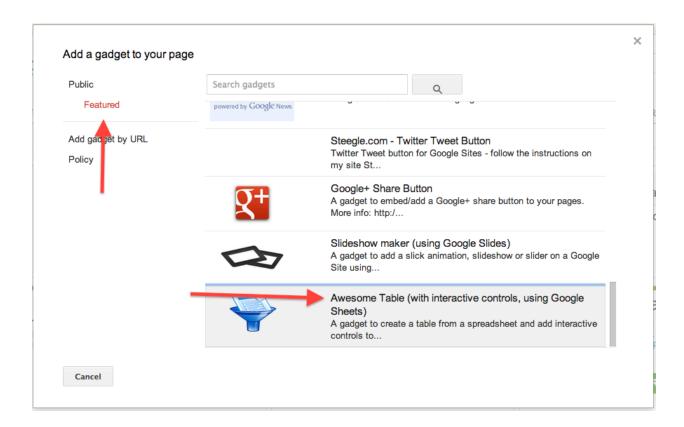


3 - Add the gadget to your Google Site

- 3.1 Open the Google Site Page where you want to add the gadget
- 3.2 Edit the page and click on menu Insert > More gadgets

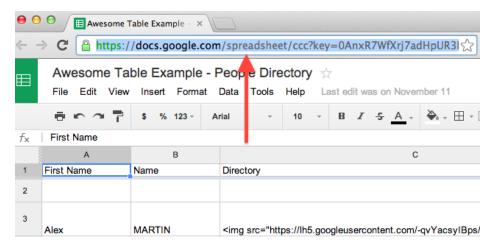


3.3 Look for the Awesome Table gadget in the featured section of the gallery



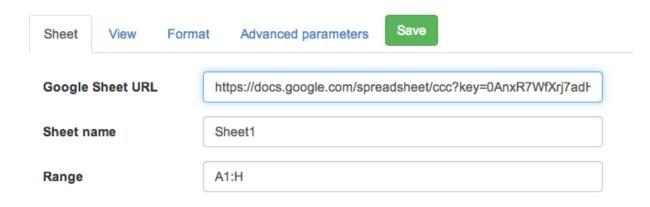
4 - Configure the Gadget

4.1 Go to the Sheet Created in the Step 1 and copy the Sheet URL

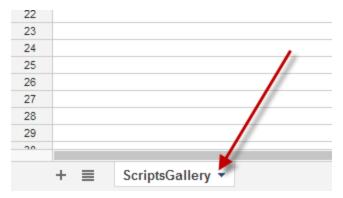


4.2 Paste Sheet URL in the corresponding Box

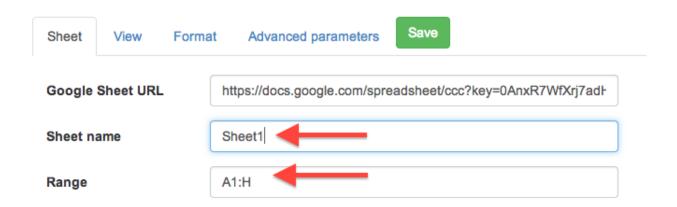
Add a gadget to your page



4.3 Do the same for sheet Name & data range



Range: Take a look to your Spreadsheet and see on which column ends the data. In case last column is D you should use A1:D in case that last column with data is F use A1:F



4.4 Save the gadget

| Note: You don't have to co data to display. If you inclu the option "Include a scro page to get this automatic | ude a scrollbar it will i Ilbar" (keep in mind t | mess with the aut | omatic resizing. So do | n't check |
|---|---|-------------------|------------------------|-----------|
| Include a scrollbar on ga Include a border around Display title on gadget: | | | | |
| | | 1 | | |

5 - Advanced tips

5.1 HTML in cells

You can put HTML tags in the cells of your spreadsheet to improve the look of your text and display hyperlinks and images.

For example, if you put this HTML tag in a cell of your spreadsheet, it will display an image:

| 1 | Picture | Description |
|---|--|-----------------------------|
| 2 | | |
| 3 | <pre></pre> | Very nice appartment |

In the same way, to display clickable links, you can put anchor tags in cells of your sheet.

- TEXT TO DISPLAY
- Search
- @

5.2 Querying specific rows of the spreadsheet

It is possible to use the <u>Google Visualization API Query Language</u> to show only a specific subset of your data in the table. It means people won't be able to see some information from the table even if the information is stored in your spreadsheet.

For example, if I have a column in my spreadsheet filled with document types, I can filter on a specific type (like pdf) and thus only pdf files will be visible through the Awesome Table gadget: select * where D = 'pdf'

To do that, there's a specific field in the configuration area of the gadget, in which you can enter your query:



This lets you filter by text, dates, numbers,...

Here are a few examples of queries:

```
select * where dayOfWeek(H) = 2
select * where L >= 50
select * where dateDiff(H, now()) > 0
select * where dateDiff(H, now()) > 0 or H is null
select * where I contains 'Script'
select * where dateDiff(H, now()) + 30 > 0
select L order by A desc limit 20
select L where dateDiff(A, now()) + 30 > 0 order by A desc
select L where (month(now()) = month(A)) AND (year(now()) = year(A)) order by A desc
```

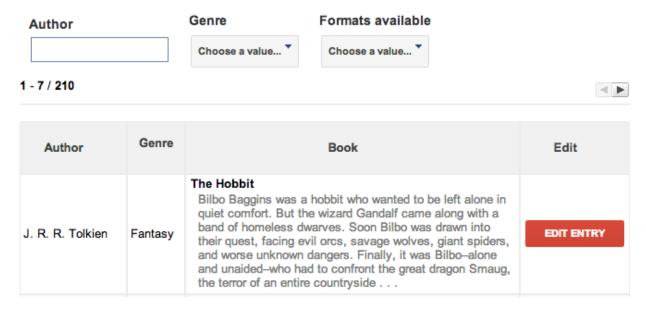
5.3 Connect a Google Form to the gadget

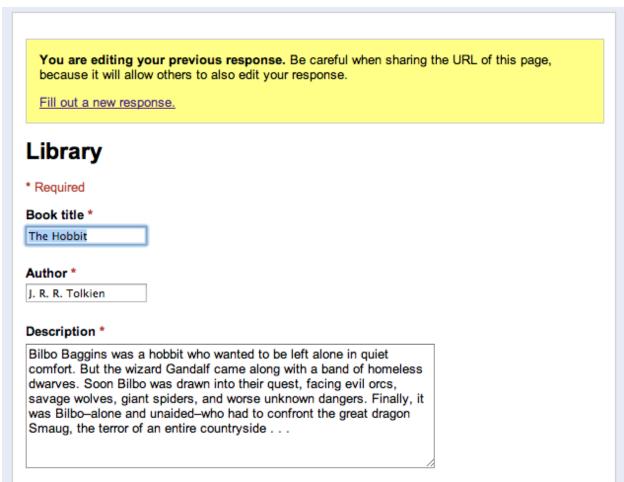
You can easily use this gadget with a Google Form. Create your form, post some responses and add a new row in the spreadsheet between the headers and the first response (to indicate which filters you want to use). Example

And you can even use Awesome Table to create an Advanced Summary of Responses for your form. <u>Example</u>

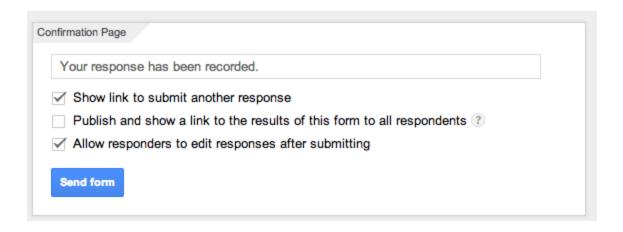
5.4 Let users update your data / add the ability to read & write data

Google Forms are very useful to let people submitted new data in a spreadsheet but you can also use a form to let people update previous entries. <u>Try a live example</u>.





All you need for that is to store the unique URL letting you edit each form response. And you can grab all those unique URLs with a little script.



1- Open the spreadsheet linked to your form and add a column to contain the edit link

| F | G | Н |
|-----------------------------|------|-------------------|
| Formats available | Book | Update |
| csvFilter - Hidden | | |
| Paperback, Ebook | | https://docs.goog |
| Paperback, Ebook | | https://docs.goog |
| Paperback, Ebook, Audiobook | | https://docs.goog |

- 2- In the spreadsheet click on the menu: Tools > Script Editor
- 3- Past the following code into the script editor

```
var formURL =
'https://docs.google.com/forms/d/18AuVZ2WTdox-x53DVM31mBzNL6QQ6Sp05JGJ00Et1cg/viewform';
var sheetName = 'Form Responses';
var columnIndex = 8;

function getEditResponseUrls(){
  var sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName(sheetName);
  var data = sheet.getDataRange().getValues();
  var form = FormApp.openByUrl(formURL);
  for(var i = 2; i < data.length; i++) {
    if(data[i][0] != "&& data[i][columnIndex-1] == ") {
      var timestamp = data[i][0];
      var formSubmitted = form.getResponses(timestamp);
    if(formSubmitted.length < 1) continue;
      var editResponseUrl = formSubmitted[0].getEditResponseUrl();
      sheet.getRange(i+1, columnIndex).setValue(editResponseUrl);
    }
}</pre>
```

3- Replace the first 3 rows of the script with your own parameters

- formURL: your form URL
- sheetName: the name of the sheet containing the form responses
- columnIndex: the index of the column where you want to put the links to edit the form responses (eg: column H >> columnIndex = 8). It will not work if the column doesn't have a header ("Update" in our example).

4- Trigger the script through the menu Run

A dialog will ask you permission to run the script. After that you should see the link to edit each form response in your spreadsheet.

5- Automate the process for each new entry / form response

You certainly don't want to manually trigger the script every time a new entry is submitted. In the script editor, click on the menu Resources > Current project's triggers and set up an automated trigger as follow:

Current project's triggers

| Run | Events |
|-----------------------|---|
| × getEditResponseUrls | † From spreadsheet † On form submit † notifications |

Done! Now people will be able to edit each data entry in your spreadsheet.

5.5 Use row-level permissions (through Google Apps Script proxy)

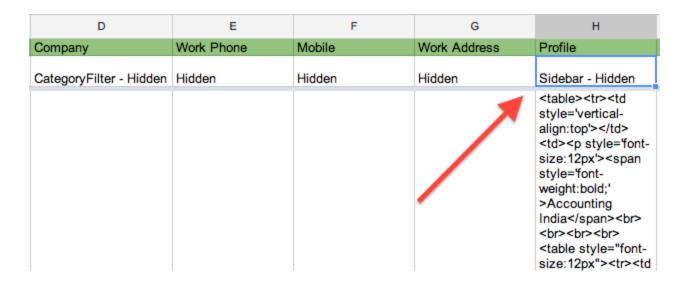
You can display specific rows of your Sheet, depending on the connected user, without sharing the Sheet. For example, if you are collecting usernames through a Google Form, you will be able to let users only see their own submissions.

>> Learn all the possibilities to display conditional lines

5.6 Add a sidebar

You can choose a 2-columns layout to display the list of results on the left and the details of a result on the right. - Example

Simply add the keyword "Sidebar" on the second row of your Sheet, in the column you want to display as a sidebar (same way you display filters like StringFilter).



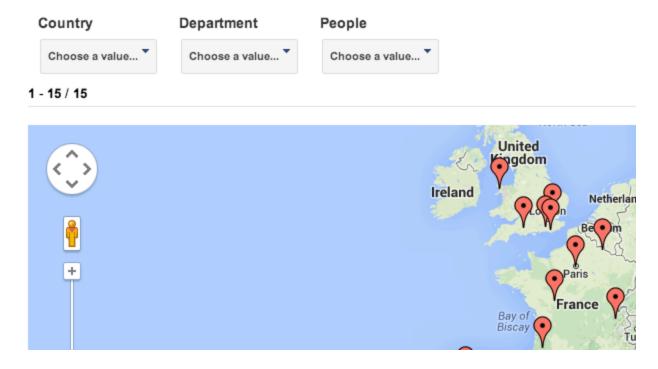
There is also another way to display the sidebar. It's a bit more complex to set up, but it loads faster if you have a lot of data in your Sheet and it provides direct (deep) linking feature. https://sites.google.com/site/scriptsexamples/available-web-apps/awesome-tables/people-directory?g=camille.lambert@demo.com

This opens an Awesome Table view with a sidebar and directly display in the sidebar the profile indicated in the URL.

To get this feature, instead of adding the keyword "Sidebar" on the second row of your Sheet, add it in the Query field, among the parameters. The first column indicated in your "select" should contain the data you will use in your URLs for direct linking (eg. in my People Directory, column E contains email addresses, so I begin my select with "select E" and I'll then be able to use this syntax page_url?q=email_address to display a specific profile).

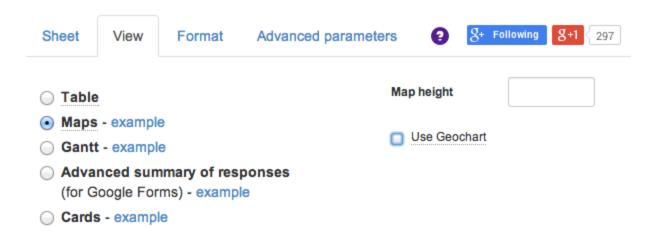
| Sheet | View | Format | Advanced parameters | 9 | g+ Following | 8+1 322 | Save |
|-----------|--------------|-------------|---------------------|-----------|--------------|---------|------|
| Google A | nalytics tra | acking code | | | | | |
| Query (fo | or advance | d users) | select E,D,G,H,I | sidebar (| С | | |

5.7 Use Google Maps



To display data from your spreadsheet as a maps in the Awesome Table gadget, you can switch the view from table to Maps in the parameters of the gadget.

See this.video for more information.



You can use either addresses or latitude + longitude data (coordinates - Lat-Long pairs). But it's preferable to use the second option (coordinates) as the first one (addresses) takes a veeeery long time to load if you have a lot of entries to display.

Only 2 columns should be displayed: the one with your addresses and the one with the info to display in the tooltip (if you are using latitude + longitude data, 3 columns should be displayed: latitude, longitude and tooltip). **All other columns should be hidden**. See <u>5.8</u> to learn how to hide

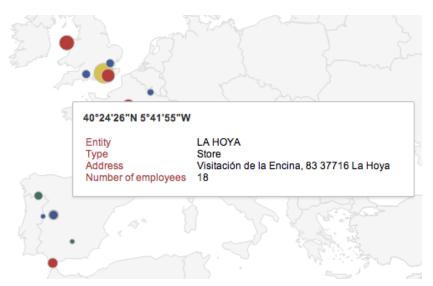
the other columns.

| | Α | В | С |
|---|------------|-----------|----------------------------|
| 1 | Latitude | Longitude | Tooltip |
| 2 | NoFilter | NoFilter | CategoryFilter - Hidden |
| 3 | 49,0543069 | 2,0673786 | Osny (IFA Chauvin) |

Best is to start with only two columns in your sheet, the first one with the addresses and the second one with the info to display in the tooltip. Then install the gadget to see if the map is correctly displayed. After that you can add other columns to setup your filters.

Note that the map can display a maximum of **400 entries**.

If this map view isn't suitable for you, you can try the <u>geochart view</u> instead. It creates a basic map and display markers of different colors and sizes.



Contrary to the standard Maps view in which only 2 columns of your Sheet should be displayed, here you need 5 columns.

- Latitude
- Longitude
- Marker color
- Marker size
- Tooltip content

| | Α | В | С | D | E |
|---|------------|------------|--------------|------------------------|-----------------------------------|
| 1 | Latitude | Longitude | Marker color | Number of employees | Directory |
| 2 | NoFilter | NoFilter | NoFilter | NoFilter | |
| 3 | 49.762085 | 4.726096 | #415994 | 15 | 08000 CHARLEVILL |
| 4 | 51.7504004 | 0.3836366 | #415994 | 17 | CHIGNALL ST JAM CM1 4NY >17 |
| 5 | 38.183333 | -3.682046 | #416D62 | 12 | 23210 Guarromán <b< td=""></b<> |
| 6 | 41.9734629 | -7.3192542 | #416D62 | 18 | 32611 Riós table border="0" st |

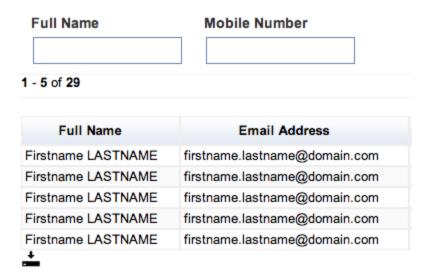
You can make a copy of this sheet if you don't want to start from scratch.

5.8 Hide some columns

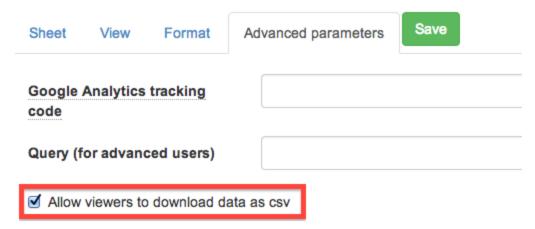
You can use the keyword "Hidden" on the second row to hide some columns. If you want to display a filter but not the actual data in the table, you can use multiple keywords for the same column, eg: "CategoryFilter - Hidden".

5.9 Allow people to download the data displayed

It is possible to display a button at the bottom of the table to download the **filtered** data as csv (meaning that the content of the csv will be different if the user select some filters).

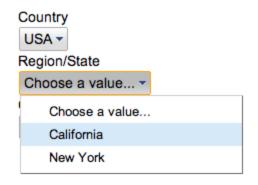


To activate this feature, simply check the box in the gadget settings.



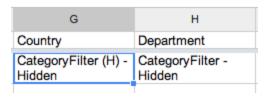
5.10 Dependent category filters

It is possible to link a category filter to another, for example to display a list of countries and a list of cities. When you select a specific country, only the related cities are displayed in the dependent filter.





To do that, simply indicate inside parenthesis the Column Index of the subfilter / dependent filter.



5.11 Link Analytics to the gadget

If you want to track the number of clicks on a specific item in the Table, it's possible! Useful if you display a list of files to download for example.

Note: This has been updated to use the new tracking code from Google Analytics (linked to Universal Analytics)

- 1. In the gadget settings make sure you specify your Google Analytics Tracking ID.
- 2. In your spreadsheet, at some HTML to display links in the table, with a call to Analytics when a user clicks on a link

Link Text
Link
Text

Where

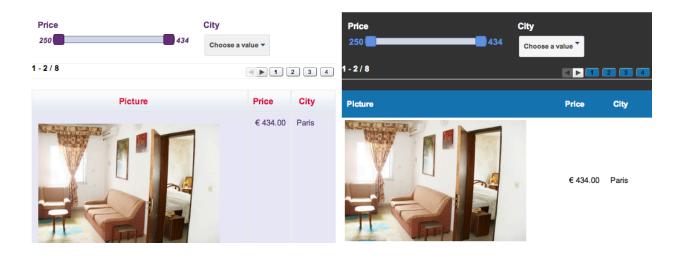
- a. URL-to-your-file is the full web address of the file you want your viewers to download (e.g. a file uploaded to your site or in Google Drive)
- URL-to-track is the partial URL you want to appear recorded in Google Analytics: for example you want your viewers to download http://www.example.com/files/download.zip so make this URL-to-your-file and make URL-to-track /files/download.zip
 - eg: Link Text
 - <a href="http://www.example.com/files/download.zip"

Learn more on Steegle.com

5.12 Use a custom CSS file

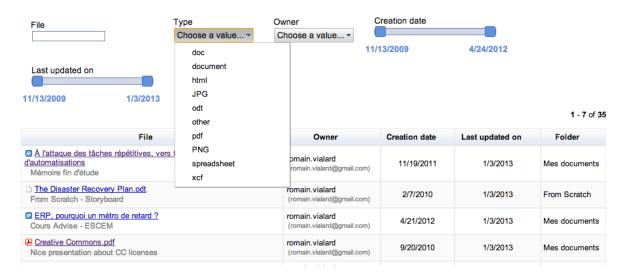
If you don't like the look of the gadget, you can make it look the way you want.

In this page you will see some alternative looks and links to CSS files you can reuse.



6 - Examples

6.1 Display a list of Drive files

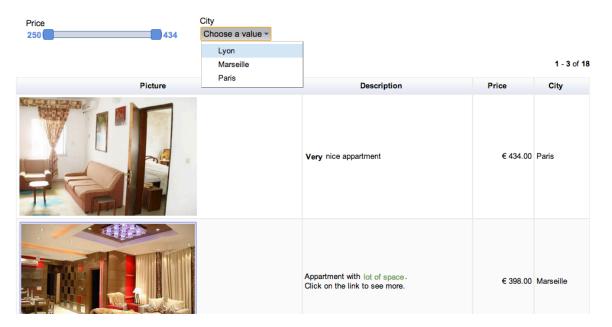


A combination of a script to list your Drive files in a spreadsheet + the Awesome Table gadget to display those files.

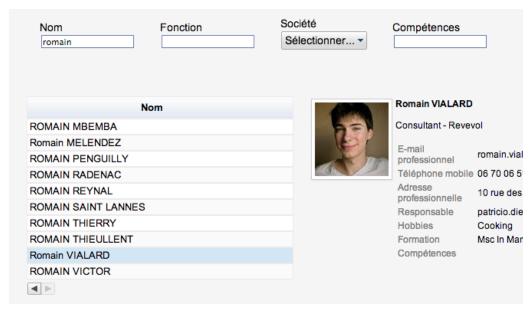
Use this script http://goo.gl/cWjJka on your spreadsheet.

>> Watch the video

6.2 A list of flat for rent

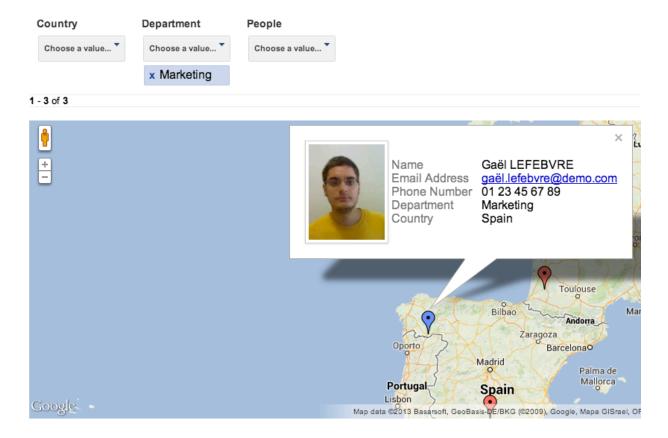


6.3 People Directory



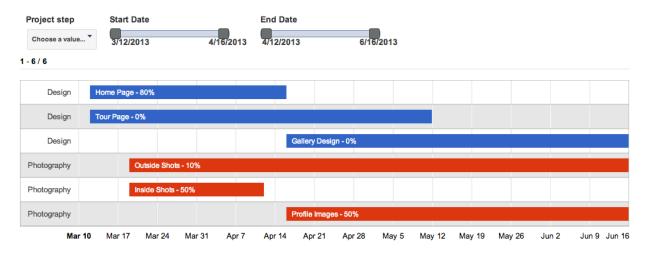
>> See example

6.4 Google Maps



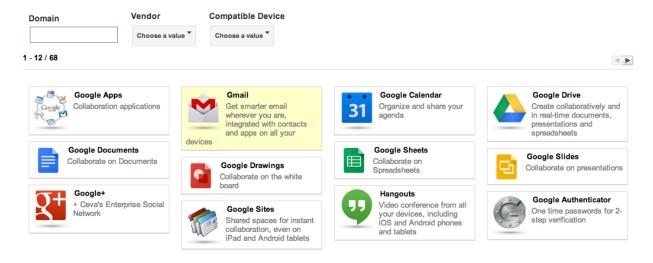
>> Watch the video or >> See example

6.5 Simple Gantt chart



>> See example

6.6 Cards view



>> See example

6.7 Advanced summary of responses for Google Forms

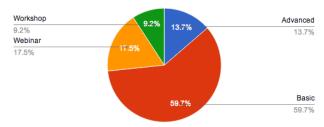
Which grade would you give to your trainer?

1.0

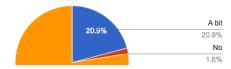
1 - 2772 / 2772

| The name of your company is: | Top results |
|------------------------------|-------------|
| Apple | 1683 |
| Microsoft | 752 |
| Google | 120 |
| Amazon | 94 |
| Samsung | 86 |
| Elitech | 14 |
| Cisco | 13 |
| Starbucks | 7 |
| Accenture | 1 |
| Deloitte | 1 |
| Revevol | 1 |

Your training type is:



The trainer clearly explained the benefits of this training?



Do you have any comments about your trainer? - Top words



>> See example