

How to embed a Google Drive folder in a website

Asked 8 years, 3 months ago Modified 1 year, 10 months ago Viewed 167k times



I have a folder in Google Drive that I'd like to embed in my website. I can't find an embed code or anything documented in Google Drive Help articles.

54



[html](#) [google-drive-api](#) [embed](#)



33

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edited Aug 11, 2017 at 13:30



Vadim Kotov

7,656 8 45 61

asked Dec 19, 2013 at 12:37



Mori

7,955 16 59 90



Is there a way to use `<embed>` to autosize the content better than an `<iframe>` ? – [Merchako](#) May 8, 2019 at 21:17

Sorted by:

Highest score (default)



4 Answers



Google Drive folders can be embedded and displayed in `list` and `grid` views:

89



List view



```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#list" style="width:100%; height:600px; border:0;"></iframe>
```



Grid view

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#grid" style="width:100%; height:600px; border:0;"></iframe>
```

Q: What is a folder ID (FOLDER-ID) and how can I get it?

A: Go to Google Drive >> open the folder >> look at its URL in the address bar of your browser. For example:

Folder URL:

<https://drive.google.com/drive/folders/0B1iqp0kGPjWsNDg5NWFIZjEtN2lwZC00NmZiLWE3Mj>

[ktYTE2ZjZjNTZiMDY2](#)

Folder ID:

0B1i qp0kGPjWsNDg5NWFIZjEtN2lwZC00NmZiLWE3MjktYTE2ZjZjNTZiMDY2

Caveat with folders requiring permission

This technique works best for folders with public access. Folders that are shared only with certain Google accounts will cause trouble when you embed them this way. At the time of this edit, a message "You need permission" appears, with some buttons to help you "Request access" or "Switch accounts" (or possibly sign-in to a Google account). The Javascript in these buttons doesn't work properly inside an `IFRAME` in Chrome.

Read more at

<https://productforums.google.com/forum/#!msg/drive/GpVgCobPL2Y/Xt7sMc1WzoJ>

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edited Mar 11, 2016 at 10:13

answered Dec 19, 2013 at 12:37



Mori

7,955

16

59

90

- 2 I just tried this extensively. Nothing at all renders in my iframes. Google Docs has always seemed so close to be so much better than it is. Sigh. Even if I had to pay a little for a url that'd work, I'd consider it. – [James T Snell](#) Feb 21, 2014 at 0:28
- 1 This works well - is there a way to grab just the URL's? – [Richard Griffiths](#) Feb 1, 2015 at 16:13
- 3 This works well in latest firefox and chrome. Minor concern here is all the folder/doc links open in a separate window. Is there a way to browse drive folders within the same iframe?. is there a way we could use `<base target="_parent" />`? – [Anuruddha](#) Mar 12, 2015 at 7:16
- 1 @Doc I used to get a blank `IFRAME` when I didn't have permission. I think it's better now, since a message appears saying **You need permission**. The embedded folder view also returns some buttons to help you **Request access** or **Change accounts**. Sadly, these buttons don't work inside an `IFRAME` (at least not with the version of Chrome I'm using). If your browser lets you open the frame in another tab, you can work around this. If you need to switch accounts to get access, the original embedded access won't switch, but you can use the tabbed-out one. – [Fuhrmanator](#) Jan 13, 2016 at 17:57
- 1 Is there a way to change the sorting order? – [pihentagy](#) Apr 29, 2020 at 13:00



Embedding a Google Drive directory in an IFRAME

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Google Drive folders can be embedded and displayed in `list` and `grid` views (in which all you can do is click a file or folder to open it on a new tab). To do so, simply replace *FOLDER-ID* with your own in:



List view

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#list"
style="width:100%; height:600px; border:0;"></iframe>
```

or without specifying a mode, since list mode is the default:

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID" style="width:100%; height:600px; border:0;"></iframe>
```

Grid view

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#grid" style="width:100%; height:600px; border:0;"></iframe>
```

Obtaining your folder id

The id is the hash (alphanumeric gibberish) after `folders/` in the URL of the folder. You can see the URL in the address bar of your browser when you open the Drive folder. For example, in:

```
https://drive.google.com/drive/folders/0B1iqp0kGPjWsNDg5NWFLZjEtN2IwZC00NmZiLWE3Mjkt
```

The Folder ID is `0B1iqp0kGPjWsNDg5NWFLZjEtN2IwZC00NmZiLWE3MjktYTE2ZjZjNTZiMDY2`.

Folder with G Suite/Google Apps domain

If your folder is part of a Google Apps domain, you can add the domain to the URL to alleviate the permission problems (detailed further ahead):

```
<iframe src="https://drive.google.com/a/MY.DOMAIN.COM/embeddedfolderview?id=FOLDER-ID#grid" style="width:100%; height:600px; border:0;"></iframe>
```

Just replace `MY.DOMAIN.COM` and `FOLDER-ID` with your own.

Caveat with folders requiring permission

This technique works best for folders with public access. Folders that are shared only with certain Google accounts can cause trouble when you embed them this way, depending on which Google accounts are active on the user's browser:

1. If the user has not logged in to any Google account, then **nothing** appears in the frame.
2. If the user is logged onto an account without authorisation to access the folder, the frame will contain the message *You need permission*, with some buttons to *Request access* or *Switch accounts*, but if you click on this last, the frame blanks out.
3. If the user logs into an account without proper permissions, and later adds the authorised account, on loading the embedded Drive Google will resort to the first active account, and the user will see *You need permission*, unless...

4. If the URL contains a Google Suite domain, and the user is logged into that domain's account, the embedded view will work, *even if the user logged to another account first*.

The blank frames are because Google forbids embedding its login page in an IFRAME (presumably to prevent account stealing), via the `X-Frame-Options` header, which if set to `SAMEORIGIN` will cause any well-behaved browser to refuse to load the page if it's not in the same domain (v.g. `drive.google.com`). You can see this in the developer console of your browser.

TL;DR

To get a list or grid view of a Drive folder (in which all you can do is click a file or folder to open it on a new tab), use:

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#grid"
style="width:100%; height:600px; border:0;"></iframe>
```

or alternatively, for a Google Suite/Apps Drive:

```
<iframe src="https://drive.google.com/a/MY.DOMAIN.COM/embeddedfolderview?
id=FOLDER-ID#grid" style="width:100%; height:600px; border:0;"></iframe>
```

Replace `MY.DOMAIN.COM` and `FOLDER-ID` with your own; remove `#grid` to get a detailed file list.

For private folders, have your users log to the correct account before loading the page with the embedded folder; if the folder is in a Google Apps domain, you can add the domain to the URL. Else, they must log into the authorised account before any other.

(this answer is an edit of Mori's, but it was rejected as it changed his *intent*, somehow)

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edited Jul 10, 2018 at 0:10

community wiki

3 revs, 2 users 99%

Chema

Is there any way to get a carousel (>) arrow key for enlarging images of the iframe? – [Kuhan](#) Jan 4, 2020 at 16:18



5

At the time of writing this answer, there was no method to embed which let the user navigate inside folders and view the files without her leaving the website (the method in other answers, makes everything open in a new tab on google drive website), so I made my own tool for it.

To embed a drive, paste the iframe code below in your HTML:



```
<iframe src="https://googledriveembedder.collegefam.com/?
key=YOUR_API_KEY&folderid=FOLDER_ID-WHICH-IS-PUBLICLY-VIEWABLE"
style="border:none;" width="100%"></iframe>
```

In the above code, you need to have your own API key and the folder ID. You can set the height as per your wish.

To get the API key:

- 1.) Go to <https://console.developers.google.com/> Create a new project.
- 2.) From the menu button, go to 'APIs and Services' --> 'Dashboard' --> Click on 'Enable APIs and Services'.
- 3.) Search for 'Google Drive API', enable it. Then go to 'credentials' tab, and create credentials. Keep your API key unrestricted.
- 4.) Copy the newly generated API key.

To get the folder ID:

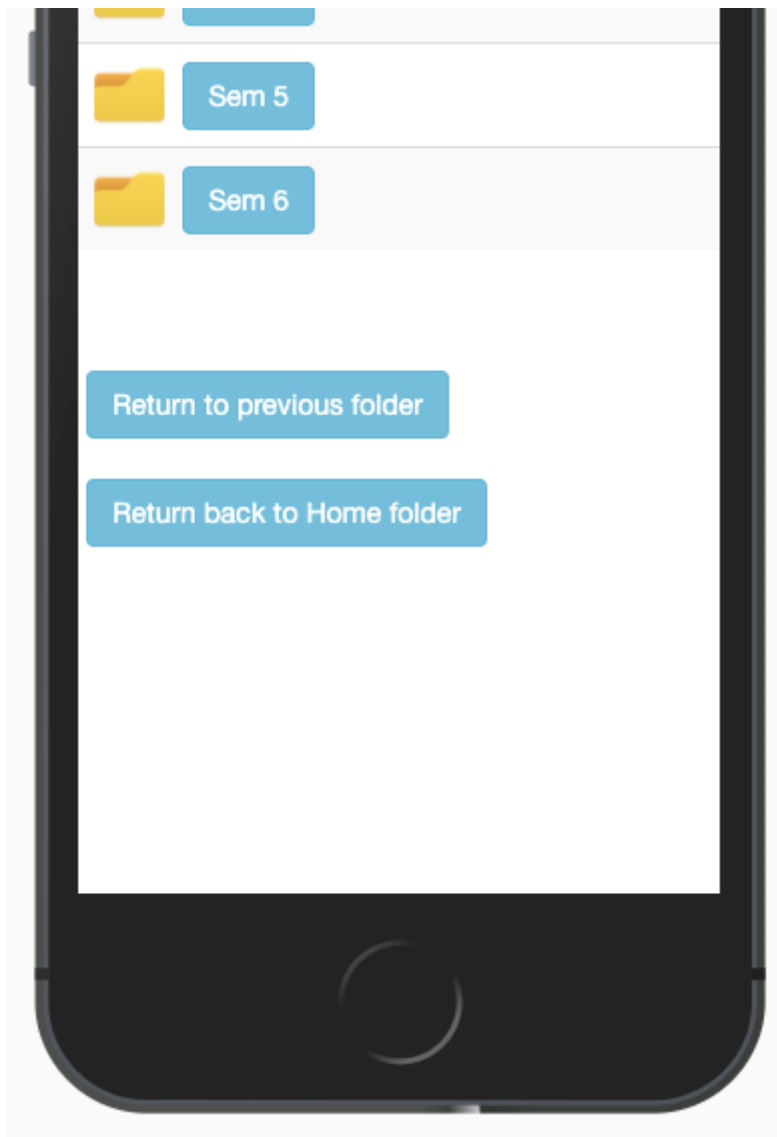
- 1.) Go to the google drive folder you want to embed (for example, drive.google.com/drive/u/0/folders/1v7cGug_e3INT0YjhvtYrwKV7dGY-Nyh5u [this is not a real folder]) Ensure that the folder is publicly shared and visible to anyone.
- 2.) Copy the part after 'folders/', this is your folder ID.

Now put both the API key and folder id in the above code and embed.

Note: To hide the download button for files, add '&allowdl=no' at the end of the iframe's src URL.

I made the widget keeping mobile users in mind, however it suits both mobile and desktop. If you run into issues, leave a comment here. I have attached some screenshots of the content of the iframe here.





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edited Apr 14, 2020 at 9:03

answered Apr 4, 2020 at 21:03



ssy

129 2 9

2 It only displays the text: "Browse files" – Chips147 Oct 19, 2020 at 12:37

1 @Chips147 probably the API key or folder id is incorrectly copied. Or maybe the specific folder you are trying to display is not publicly viewable (sharing permissions-> anyone with link can view) – ssy Oct 20, 2020 at 20:45

Thanks for the solution! Note: all subfolders and files should be also open. Questions: 1) is there an open code for the project? 2) Can the developer contact me or my client? They want to ask for help with a similar task. – Max Makhrov yesterday

@MaxMakhrov the code isn't open. You can connect with me for specific help at studyforexams at gmail dot com – ssy 7 hours ago



3



For business/Gsuite apps or whatever they call them, you can specify the domain (had problem with 500 errors with the original answer when logged into multiple Google accounts).

```
<iframe
src="https://drive.google.com/a/YOUR_COMPANY_DOMAIN/embeddedfolderview?"
```




```
id=FOLDER-ID"
style="width:100%; height:600px; border:0;"
>
</iframe>
```

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answered Jan 14, 2017 at 0:09

[EIDog](#)**1,160**

10

18



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