

How to see an html page on github as a normal rendered html page to see preview in browser, without downloading?

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On <http://github.com> developer keep the html, css, javascript and images files of the project. How i can see html output in browser?

for example this <https://github.com/necolas/css3-social-signin-buttons/blob/master/index.html>

when i open this it doesn't show the rendered html of the code of author. it shows the page as a source code.

Is it possible to see as rendered HTML directly? otherwise i always need download the whole zip to just to see the result

[html](#)[css](#)[git](#)[github](#)[github-pages](#)

edited Oct 20 '15 at 7:14



[Damjan Pavlica](#)

9,344 5 28 53

asked Dec 9 '11 at 13:34



[Jitendra Vyas](#)

58.8k 198 505 792

-
- 3 similar question: [Can I run HTML files directly from GitHub, instead of just viewing their source?](#) – Amro Apr 3 '13 at 13:57
-

8 Answers



367



The most comfortable way to preview HTML files on GitHub is to go to

<http://htmlpreview.github.com/> or just

prepend it to the original URL, i.e.:

<http://htmlpreview.github.com/?>

<https://github.com/bartaz/impress.js/blob/master/index.html>

answered Sep 2 '12 at 5:37



niutech

19.3k 11 65 86

-
- 14 Does not work in Enterprise GitHub :-
(– Shane Mar 25 '14 at 18:42
-

- 18 Note that this only works for public repos. Private ones will give the error message Error: Cannot load file
– Erik Trautman
Aug 19 '14 at 22:51
-



-
- 32 htmlpreview.github.com partly fails at rendering JavaScript and CSS. The alternative rawgit.com works better, serving files with proper

Content-Type
headers. –
[Julien Carsique](#)
Jan 16 '15 at 15:03

3 [htmlpreview.github.i](#)
[o](#) nice link –
[dreftymac](#) Sep 4
'15 at 14:35

1 Great solution,
thank you! I added
the links to my R
Notebooks with the
prefix to the
README.md file
and it renders my
nb.html file very
well. Here is the
page in case
anybody wants to
see how it works:
[github.com/sargdav](#)
[id/snippets.cvi](#) and
[htmlpreview.github.i](#)
[o/?](#)
[https://github.com/s](#)
[argdavid/...](#) –
[Davit Sargsyan](#)
Aug 12 '17 at 17:16



71

If you don't want to
download an archive
you can use [GitHub](#)
[Pages](#) to render this.

1. Fork the
repository to your
account.
2. Clone it locally on
your machine
3. Create a `gh-`
`pages` branch (if
one already
exists, remove it
and create a new
one based off
`master`).
4. Push the branch
back to GitHub.
5. View the pages at
`http:// username`

.github.io/ **repo**

In code:

```
git clone git@github.com:
cd repo
git branch gh-pages
# Might need to do this
git push -u origin gh-pages
Go to http://username.github.io
```

edited Sep 21 '17 at 5:03



Benjamin

2,395 1 26 36

answered Dec 9 '11 at 13:48



Ross

29.5k 35 105 166

I have forked a project now how i can copied it to github pages. – **Jitendra Vyas** Dec 9 '11 at 14:56

Updated my answer with a process. – **Ross** Dec 9 '11 at 15:38

3 It's well documented here help.github.com/articles/creating-project-pages-manually – **Leif Gruenwoldt** Feb 18 '13 at 16:15

1 Why first create a master and clone it ("play it safe" in creating-project-pages-manually) ? Can one not checkout --orphan gh-pages **only**, push that, without messing with master at all ? – **denis** Mar 7 '13 at 17:48

3 Pages moved to github.io, not github.com anymore. – **Damjan Pavlica** Oct 20 '15 at 7:12

58

You can use [RawGit](https://rawgit.com/necolas/css3-social-signin-buttons/master/index.html):
<https://rawgit.com/necolas/css3-social-signin-buttons/master/index.html>

It works better (at the time of this writing) than <http://htmlpreview.github.com/>, serving files with proper Content-Type headers. Additionally, it also provides CDN URL for use in production.

answered Jan 16 '15 at 15:08



[Julien Carsique](#)


3,175 3 17 24

2 I confirm that it works better than htmlpreview. At least, it's showing my WebGL animations. – [Cyril Duchon-Doris](#)
Apr 19 '15 at 15:00

1 It works faster actually, and with Bokeh ([e.g.](#)), it shows some of the interactions (e.g. tooltips) that don't work with htmlpreview. – [jadianes](#) Sep 23 '15 at 15:46

So much better! – [B T](#) Jan 4 '16 at 19:36

2 This is from the FAQ for rawgit: Can I use a rawgit.com development URL on a production

website or in public example code? No. Only use rawgit.com URLs for low-traffic testing or for sharing temporary demos with a few people during development. Please use cdn.rawgit.com for anything that might result in heavy traffic or that people might copy and paste into their own code. ... There is more explanation available – [BarryPye](#) Nov 9 '16 at 12:44 

- 3 Was a great idea, but being shut down now: [rawgit.com](#) – [Steven R. Loomis](#) Oct 9 '18 at 21:49

25

It's really easy to do with [github pages](#), it's just a bit weird the first time you do it. Sorta like the first time you had to juggle 3 kittens while learning to knit. (OK, it's not all that bad)

You need a gh-pages branch:

Basically github.com looks for a gh-pages **branch** of the repository. It will serve all HTML pages it finds in here as normal HTML directly to the browser.

How do I get this gh-pages branch?

Easy. Just create a branch of your github repo called gh-

branches. Specify **--orphan** when you create this branch, as you don't actually want to merge this branch back into your github branch, you just want a branch that contains your HTML resources.

```
$ git checkout --orphan
```

What about all the other gunk in my repo, how does that fit in to it?

Nah, you can just go ahead and delete it. And it's safe to do now, because you've been paying attention and created an orphan branch which can't be merged back into your main branch and remove all your code.

I've created the branch, now what?

You need to push this branch up to github.com, so that their automation can kick in and start hosting these pages for you.

```
git push -u origin gh-
```

But.. My HTML is still not being served!

It takes a few minutes for github to index these branches and fire up the required infrastructure to serve up the content. Up to 10 minutes according to github.

The steps layed out by github.com

<https://help.github.com/articles/creating-project-pages-manually>

answered Feb 9 '14 at 9:13



[hendrikswan](#)

1,213 11 22

1 Works great. As a git noob, I forgot to \$
git commit -m
'init' in between
your lines. – [systemaddict](#) Jun
22 '16 at 10:57

1 What will the URL be? – [Koray Tugay](#)
Aug 7 '16 at 14:43



3



I read all the comments and thought that github made it too difficult for normal user to create github pages until i visited [github theme Page](#) where its clearly mentioned that there is a section of "Github Pages" under settings Page of the concerned repo where you can choose the option "use the master branch for GitHub Pages." and volla!!...checkout that particular repo on <https://username.github.io/reponame>

[screenshot to support my answer](#)

edited Jun 16 '18 at 15:53

answered Jun 16 '18 at 15:48



Mukesh

39 5



1

This isn't a direct answer, but I think it is a pretty sweet alternative.

<http://www.s3auth.com/>

It allows you to host your pages behind basic auth. Great for things like api docs in your private github repo. just ad a s3 put as part of your api build.

answered Sep 23 '12 at 1:40



rynop

23k 19 67 68



1

Also, if you use Tampermonkey, you can add a script that will add preview with <http://htmlpreview.github.com/> button into actions menu beside 'raw', 'blame' and 'history' buttons.

Script like this one:

<https://gist.github.com/vanyakosmos/83ba165b288af32cf85e2cac8f02ce6d>

edited Nov 8 '18 at 22:03



nvioli

2,743 3 14 29

answered Aug 15 '17 at 19:58



Aiven

898 1 3 21



0

This solution only for chrome browser. I am not sure about other browser.

1. Add "Modify Content-Type Options" extension in chrome browser.
2. Open "chrome-extension://jnfofbopfpaoeojgieggflbp cblhfhka/options.html" url in browser.
3. Add the rule for raw file url. For example:
 - URL Filter:
https:///raw/master//fileName.html
 - Original Type:
text/plain
 - Replacement Type:
text/html
4. Open the file browser which you added url in rule (in step 3).

edited Oct 28 '15 at 7:27

answered Oct 28 '15 at 7:03



Vijay

151 1 4

I ne asker probably
wants everyone to
see the rendered
page. – [Ondra Žižka](#)
Mar 29 '16 at 21:54

@zakmck Browser
sending the
"text/plain" header
but you need to send
"text/html". I can't
send my data to third
party
(["http://htmlpreview.github.io"](http://htmlpreview.github.io)) that why I am
using above steps.
You can also use
regular expression
for url in above
steps. – [Vijay](#) Sep 9
'16 at 11:33 