

How to point a domain on Google Domains to GitHub pages

12 Apr 2015

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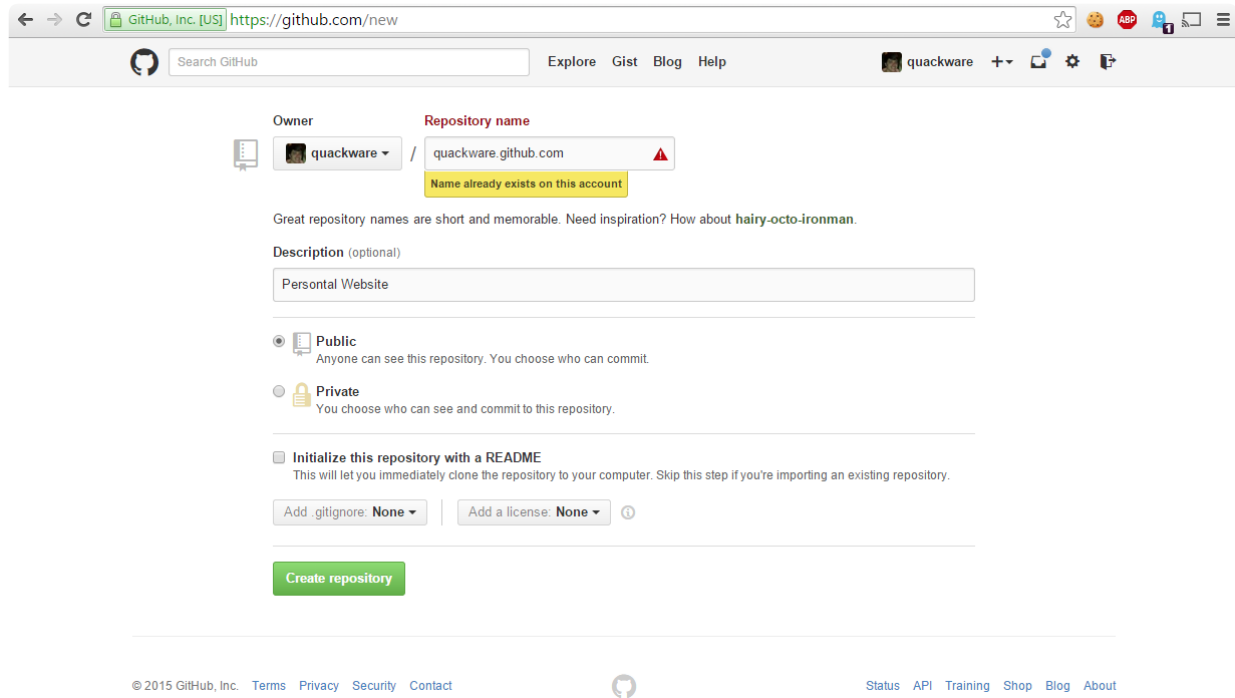
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Introduction

When setting up my [website](#) on Google Domains I had to read through several different guides to figure out all I needed to do to point it to a GitHub pages repository. I wrote up this guide to simplify the processes for anyone else performing this same task.

Setup repository

Navigate to <https://github.com/new> and create a repository with the name **USERNAME.github.com** or **USERNAME.github.io** and give it a nice description.



Owner: quackware / Repository name: quackware.github.com

Great repository names are short and memorable. Need inspiration? How about hairy-octo-ironman.

Description (optional): Personal Website

☒ Public: Anyone can see this repository. You choose who can commit.

☐ Private: You choose who can see and commit to this repository.

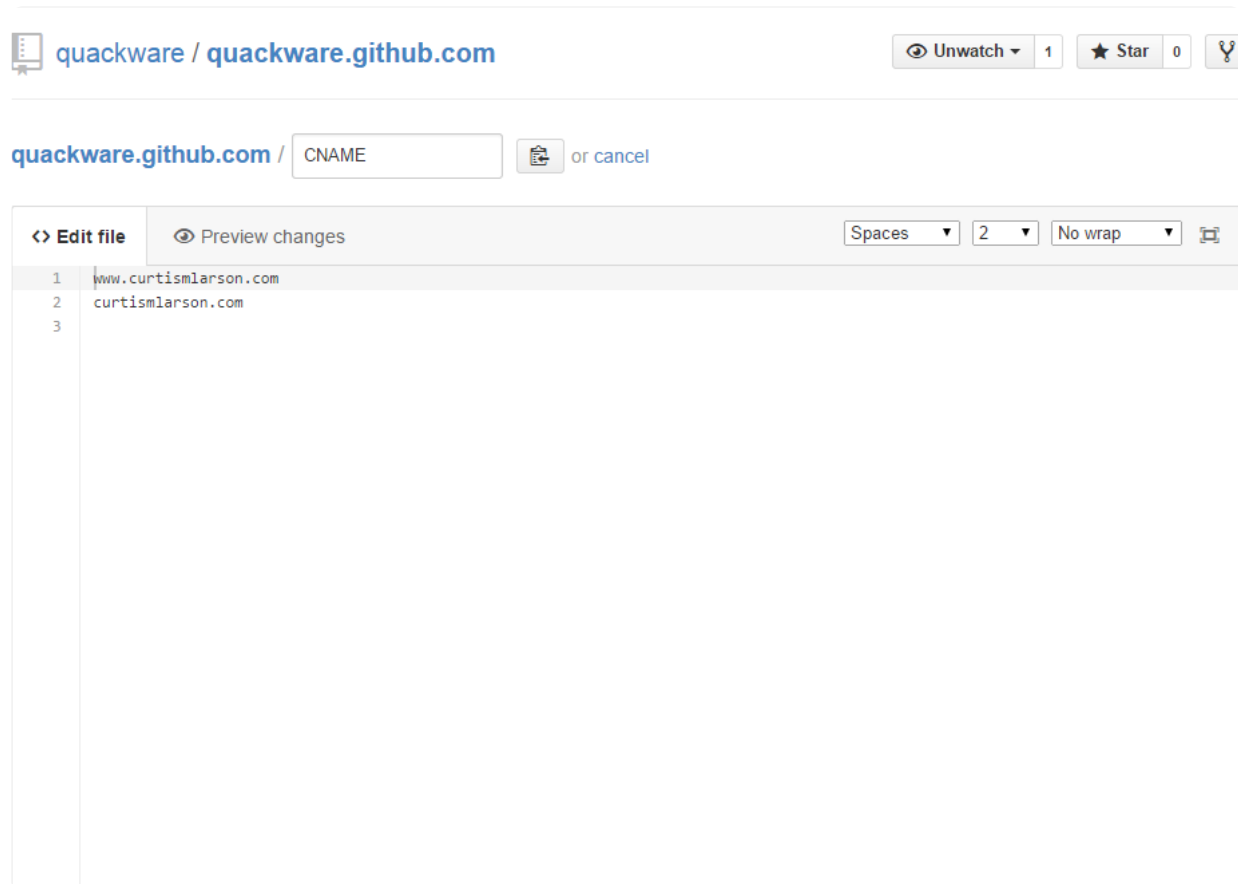
☒ Initialize this repository with a README: This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None | Add a license: None

Create repository

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In your new repository, create a **CNAME** file in the root directory and add the following two entries (with curtismlarson replaced by your own domain):



quackware / quackware.github.com

Unwatch 1 Star 0 Fork

quackware.github.com / CNAME or cancel

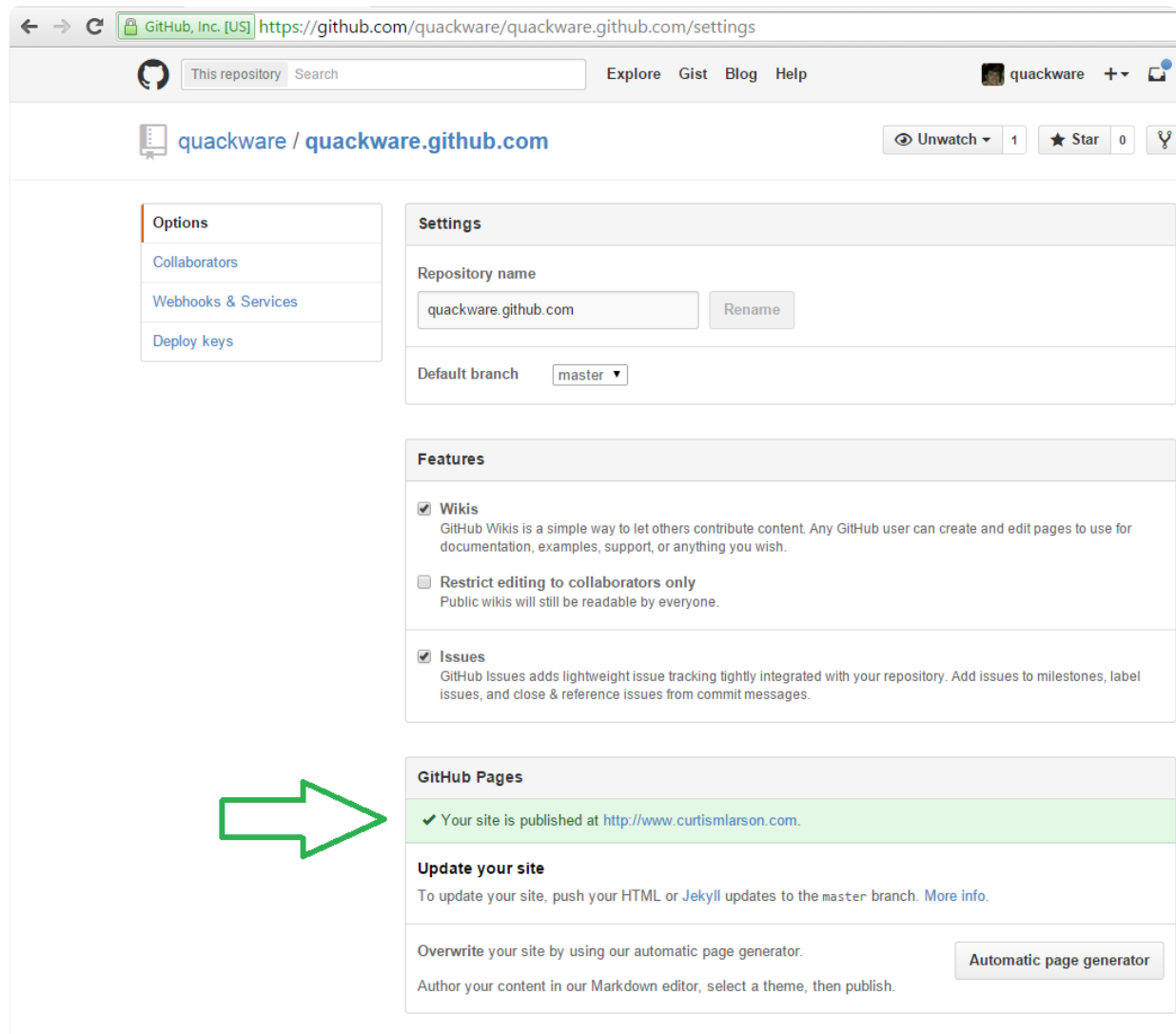
Edit file Preview changes Spaces 2 No wrap

```
1 www.curtismlarson.com
2 curtismlarson.com
3
```

These two entries tell GitHub to redirect any requests to **USERNAME.github.io** to the domain specified in the CNAME file. There are two entries to ensure that **curtismlarson.com** will also redirect to **www.curtismlarson.com**. If you prefer

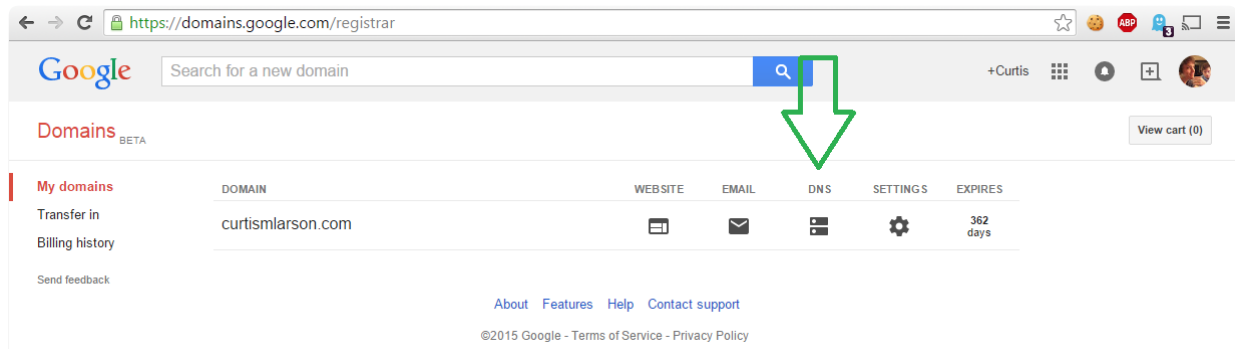
to have a site without the **www** prefix, you can switch the order of the domains.

Now verify that your **USERNAME.github.io** domain is now pointing to your custom domain by going into the repository settings and verifying your GitHub Pages settings:

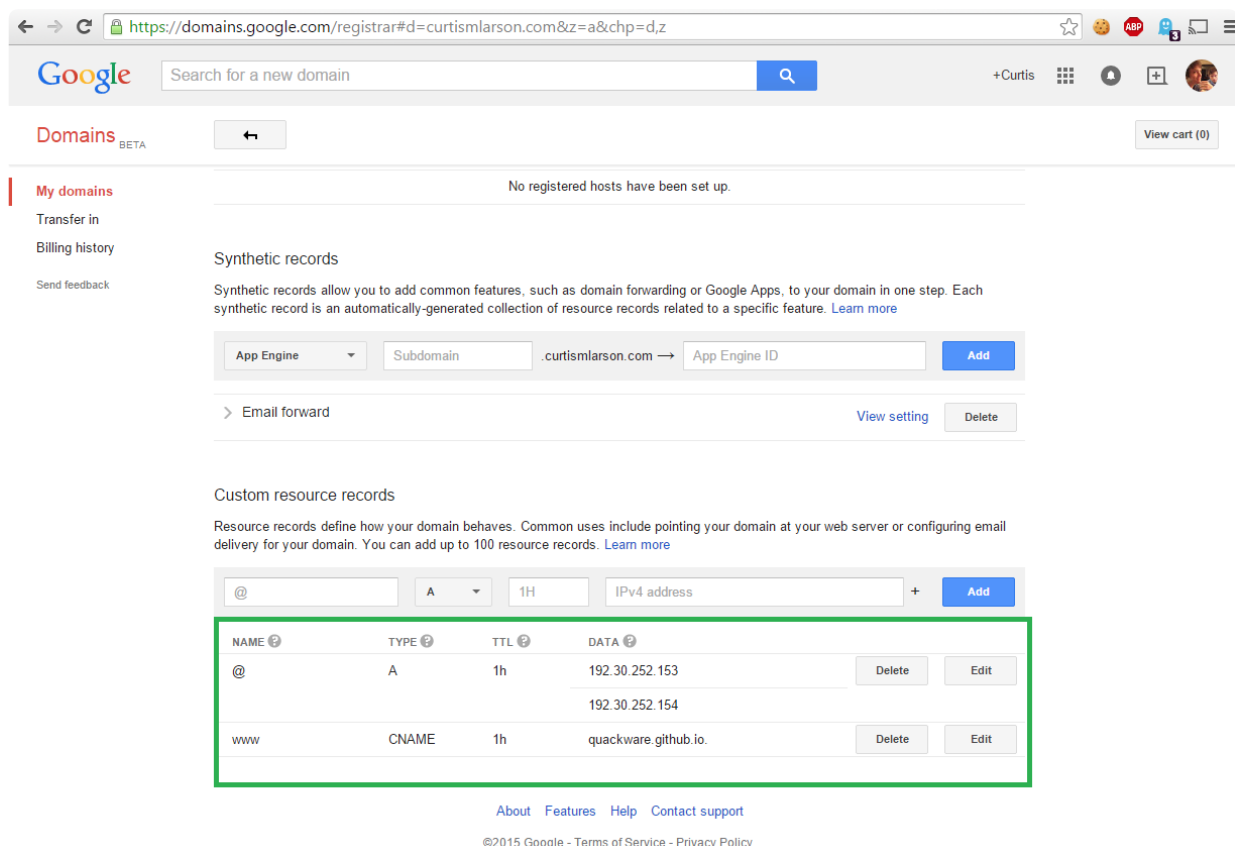


Configure Google Domains

Navigate to <https://domains.google.com/registrar> and select the **DNS** option to configure your DNS records.



Scroll to the very bottom of the page and add 3 Custom Resource Records. You need to add two “@” type A records that point to the GitHub ips **192.30.252.153** and **192.30.252.154** and one “www” CNAME record that points to your **USERNAME.github.io** url:



Conclusion

That's it! DNS records often take more than a day to propagate so you may not see your website immediately. Once the changes have propagated your GitHub page and any project pages should be accessible from your new domain. For example <https://github.com/quackware/blog> is hosting the blog you are reading right now and the domain works without any additional setup.

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Karl Dieter Erdmann · 6 days ago

Thank you!

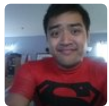
^ | ▾ · Reply · Share ›



Jeremy Turcios · 7 days ago

Thanks!!!

^ | ▾ · Reply · Share ›



Knighte · 10 days ago

Thank you for this

^ | ▾ · Reply · Share ›



Josh Thompson · 16 days ago

Thank you! Same as others, Githubs documentation was not helping me, Stumbled across this. May this post continue to rise in Google's rankings forever.

^ | ▾ · Reply · Share ›



Simon Anatole Orlovsky · 21 days ago

Thanks totally worked on 5/19/16

^ | ▾ · Reply · Share ›



Ernest · 2 months ago

And a year later people are still using this! Love it - thanks for posting - cleared all the confusion Google & GitHub help pages created for me

Created all the confusion Google & GitHub help pages created for me.

^ | v · Reply · Share ›



Arianna · 2 months ago

But are you putting the CNAME file in the master branch?

^ | v · Reply · Share ›



Stephen B · 3 months ago

Great explanation! Very easy to follow along with. Thanks Curtis

^ | v · Reply · Share ›



Jacob Paine · 3 months ago

Thank you! Quick and easy.

^ | v · Reply · Share ›



Justin Gough · 5 months ago

When creating the CNAME should I put my only [USERNAME.github.io](#) or [USERNAME.github.io/repositoryn...](#)

^ | v · Reply · Share ›



portenez · 5 months ago

Thanks! My only question would be, if there's any chance the github ips could change and break this? I think that's possible, so people should be aware of this.

^ | v · Reply · Share ›



allison vicenzi · 6 months ago

thank you!!!! could not figure it out from github documentation and this got it to work! appreciate your advice!

^ | v · Reply · Share ›



Thomas Wood · 6 months ago

Great guide. Many thanks.

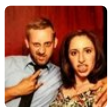
^ | v · Reply · Share ›



Raghav Mangrola · 8 months ago

Thanks Curtis, now I just need to patiently wait for the DNS records to propagate

^ | v · Reply · Share ›



seth · 8 months ago

This was super easy to follow and very detailed, thanks for the help!

^ | v · Reply · Share ›

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**curtismlarson** — And some authors are very busy :) Updated Deps ->**Meteor - iron:router Scroll to Top**

1 comment • 7 months ago

**c6y** — This is nice! The problem now is that scrolling to the top of the page, before paging takes place, looks a bit

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