Hashi-tributor 101: How to Contribute

@tracypholmes

Hello!

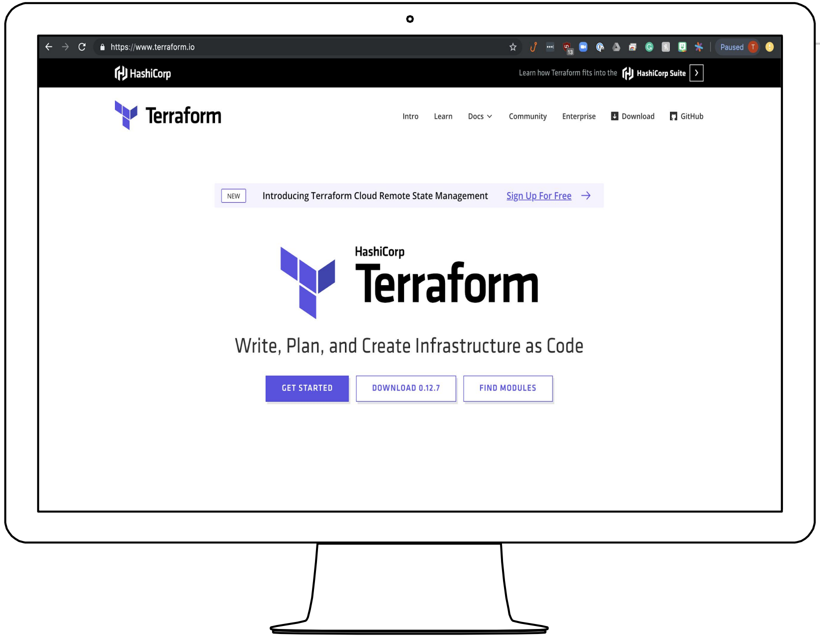
I am Tracy P Holmes

I am here because I’ve been a Software Engineer for a year, and I am still scared.

You can find me at @tracypholmes

What I do

I work for HashiCorp (Vagrant anybody?) on the open source side of a product named Terraform.



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HashiCorp Terraform

Write, Plan, and Create Infrastructure as Code

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A bit about me

I bet you’re wondering how I got here.

“One of the lessons that I grew up with was to always stay true to yourself and never let what somebody else says distract you from your goals.”

-Michelle Obama

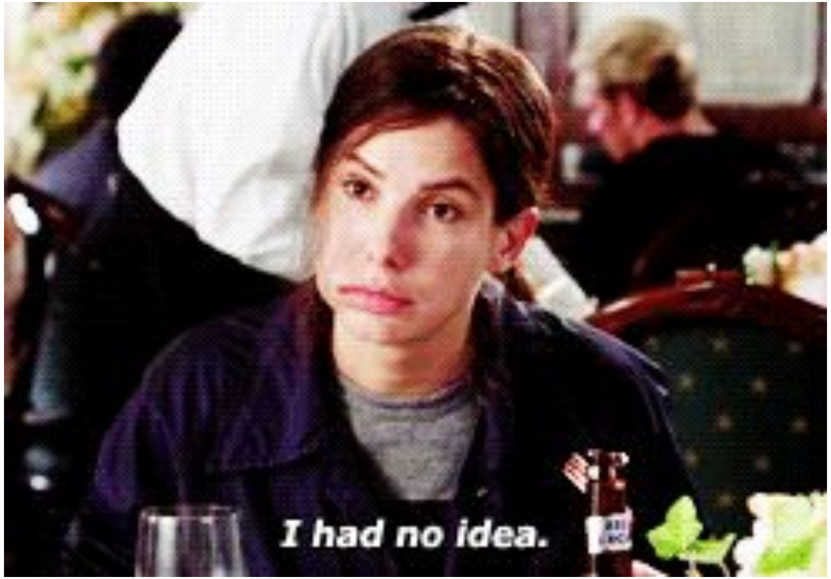
Reasons

I knew

I wanted to work on open source stuff because I’m big on helping people, and I thought it was cool providing things for people to use and/or improve upon.

I thought

my previous customer service and client facing skills would prepare me even though this world is new to me. You know, like a server on their first Friday night of working tables by themselves.


I had no idea.

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Interactions

How can I be effective at communicating with the community?

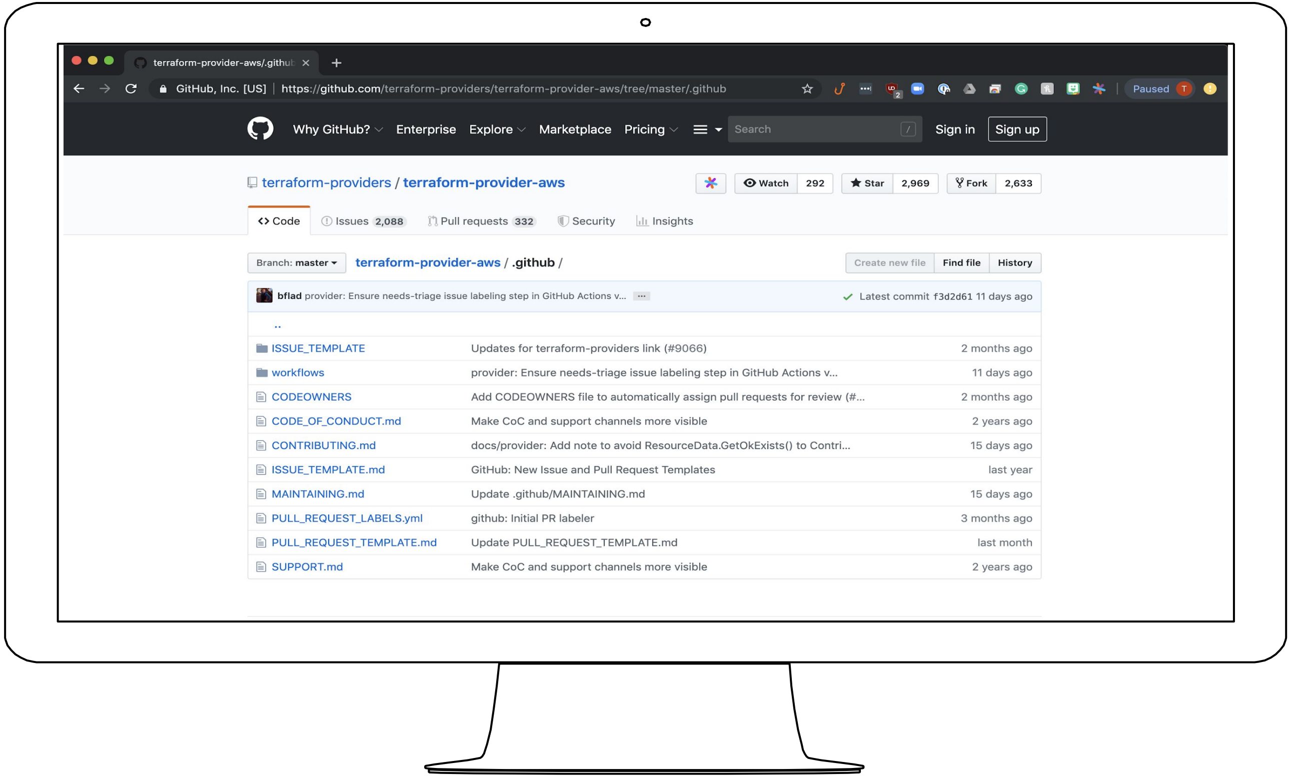
Finding Guidelines

- README
- Code of Conduct
- Contributing Guide

It’s not immediately obvious where some of these are located, is it?

By the way - WITW is that .github folder?

The .github folder is a hidden folder that lives on the default branch. It's home to community health files (like contributing guide, issue templates, & code of conduct!)



terraform-providers / terraform-provider-aws

terraform-provider-aws / .github /

bflad provider: Ensure needs-triage issue labeling step in GitHub Actions v... ✓ Latest commit f3d2d61 11 days ago

..		
ISSUE_TEMPLATE	Updates for terraform-providers link (#9066)	2 months ago
workflows	provider: Ensure needs-triage issue labeling step in GitHub Actions v...	11 days ago
CODEOWNERS	Add CODEOWNERS file to automatically assign pull requests for review (#...	2 months ago
CODE_OF_CONDUCT.md	Make CoC and support channels more visible	2 years ago
CONTRIBUTING.md	docs/provider: Add note to avoid ResourceData.GetOkExists() to Contri...	15 days ago
ISSUE_TEMPLATE.md	GitHub: New Issue and Pull Request Templates	last year
MAINTAINING.md	Update .github/MAINTAINING.md	15 days ago
PULL_REQUEST_LABELS.yml	github: Initial PR labeler	3 months ago
PULL_REQUEST_TEMPLATE.md	Update PULL_REQUEST_TEMPLATE.md	last month
SUPPORT.md	Make CoC and support channels more visible	2 years ago

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I’m ready to work!

But umm...how do I do that?!

Different types of things to work on

Documentation

Typos, screwed up code samples, missing code samples, or even suggestions are all good contributions.

Bugs

Filter not working properly? Example based coded not returning correct info? Let the maintainers know.

Features

Have an idea for formatting output? Really want a bit more detail while using app “x”? File that feature request.

For all of you that believe contributing is ONLY *related to code - get that thought out of your head right now.*

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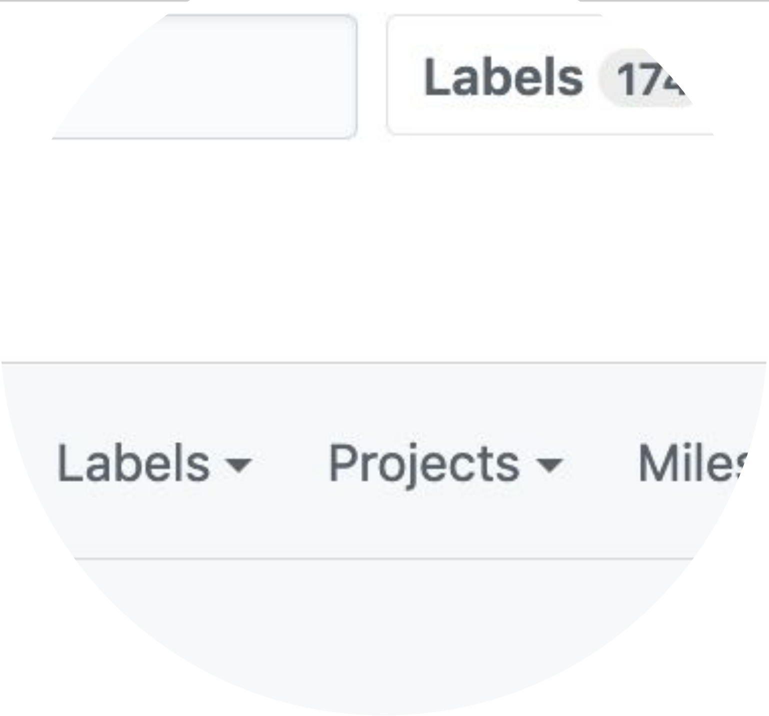

GitHub Says:

Labels on GitHub help you organize and prioritize your work. You can apply labels to issues and pull requests to signify priority, category, or any other information you find useful.

But I’m a newbie!

To attract new contributors, issues with labels that start with good first issue or help wanted are featured on the user dashboard, search, and topic pages.

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Ok! Where do I start?

Let’s go check out that contributing guide we glimpsed earlier.

Contributing Guides!

Maybe not the easiest to find, but darn if it isn’t exactly what you need!

GitHub Says:

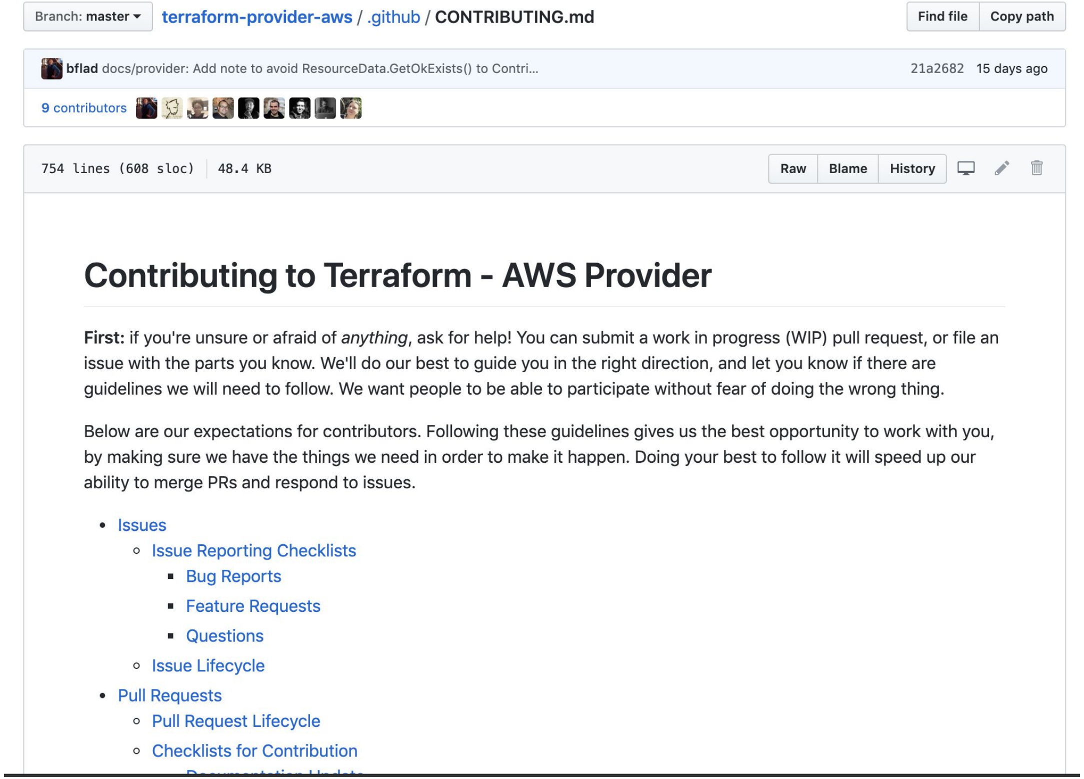
For the repository owner, contribution guidelines are a way to communicate how people should contribute.

And...

For contributors, the guidelines help them verify that they're submitting well-formed pull requests and opening useful issues.

Ultimately:

For both owners and contributors, contribution guidelines save time and hassle caused by improperly created pull requests or issues that have to be rejected and re-submitted.


Branch: master
terraform-provider-aws / .github / CONTRIBUTING.md
Find file
Copy path
bflad docs/provider: Add note to avoid ResourceData.GetOkExists() to Contri...
21a2682 15 days ago
9 contributors
754 lines (608 sloc) 48.4 KB
Raw
Blame
History

Contributing to Terraform - AWS Provider

First: if you're unsure or afraid of *anything*, ask for help! You can submit a work in progress (WIP) pull request, or file an issue with the parts you know. We'll do our best to guide you in the right direction, and let you know if there are guidelines we will need to follow. We want people to be able to participate without fear of doing the wrong thing.

Below are our expectations for contributors. Following these guidelines gives us the best opportunity to work with you, by making sure we have the things we need in order to make it happen. Doing your best to follow it will speed up our ability to merge PRs and respond to issues.

- Issues
    - Issue Reporting Checklists
        - Bug Reports
        - Feature Requests
        - Questions
    - Issue Lifecycle
- Pull Requests
    - Pull Request Lifecycle
    - Checklists for Contribution
        - Documentation Update

https://github.com/terraform-providers/terraform-provider-aws/blob/master/.github/CONTRIBUTING.md

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Templates 😳

The path to your first issue and/or Pull Request

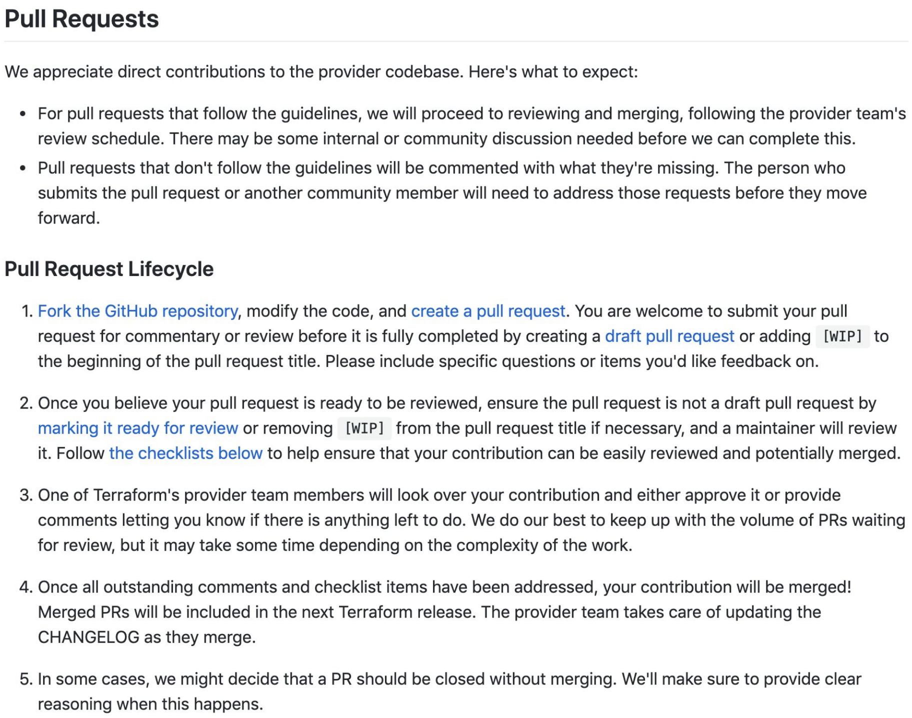
Ask yourself these questions:

- Are you submitting an issue AND a fix?
- Or have you found an issue you’d like to fix…

🤔

> *If you are submitting an issue* PLEASE *follow any templates and make sure you fill out all requested info.*

Now about that Pull Request



Pull Requests

We appreciate direct contributions to the provider codebase. Here's what to expect:

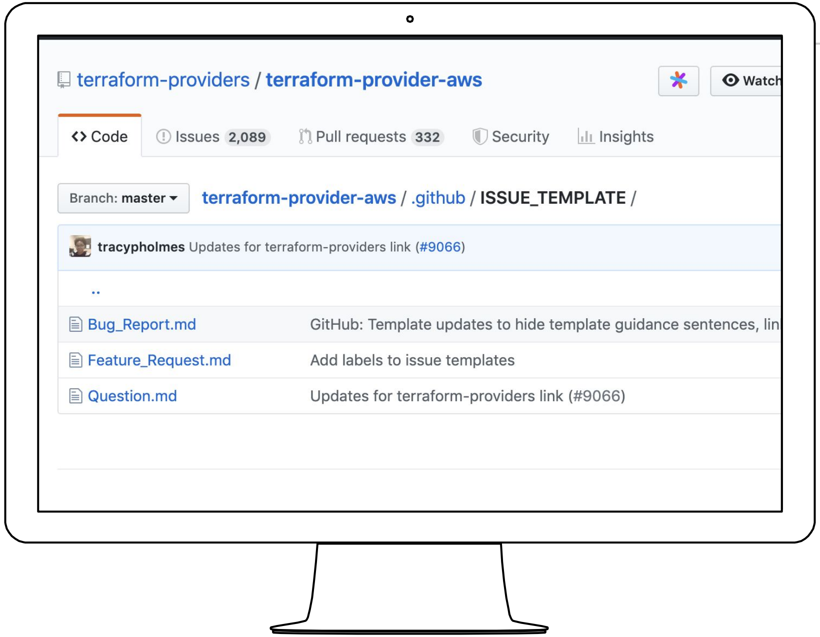
- For pull requests that follow the guidelines, we will proceed to reviewing and merging, following the provider team's review schedule. There may be some internal or community discussion needed before we can complete this.
- Pull requests that don't follow the guidelines will be commented with what they're missing. The person who submits the pull request or another community member will need to address those requests before they move forward.

Pull Request Lifecycle

1. Fork the GitHub repository, modify the code, and create a pull request. You are welcome to submit your pull request for commentary or review before it is fully completed by creating a draft pull request or adding `[WIP]` to the beginning of the pull request title. Please include specific questions or items you'd like feedback on.
2. Once you believe your pull request is ready to be reviewed, ensure the pull request is not a draft pull request by marking it ready for review or removing `[WIP]` from the pull request title if necessary, and a maintainer will review it. Follow the checklists below to help ensure that your contribution can be easily reviewed and potentially merged.
3. One of Terraform's provider team members will look over your contribution and either approve it or provide comments letting you know if there is anything left to do. We do our best to keep up with the volume of PRs waiting for review, but it may take some time depending on the complexity of the work.
4. Once all outstanding comments and checklist items have been addressed, your contribution will be merged! Merged PRs will be included in the next Terraform release. The provider team takes care of updating the CHANGELOG as they merge.
5. In some cases, we might decide that a PR should be closed without merging. We'll make sure to provide clear reasoning when this happens.

Remember:

We want to save the time and hassle caused by improperly created pull requests or issues that have to be rejected and re-submitted.



terraform-providers / terraform-provider-aws

terraform-provider-aws / .github / ISSUE_TEMPLATE /

tracypholmes Updates for terraform-providers link (#9066)

..

Bug_Report.md	GitHub: Template updates to hide template guidance sentences, lin
Feature_Request.md	Add labels to issue templates
Question.md	Updates for terraform-providers link (#9066)

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1400 issues

as of the morning of 23 Aug 2019

Big products

!=

Big Engineering teams.

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Seeking help

What happens when you’re stuck?

I absolutely say this multiple times a week.

Finding Assistance

- Company specific forums
- Reddit (IKR?)
- Stack Exchange

And there are others, but whatever project you’re contributing to will typically point you in the right direction.

You are not stupid.

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Thanks!

I appreciate you 🙌🏾

You can find me most everywhere as

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Credits

Special thanks to all the people who made and released these awesome resources for free:

- SlidesCarnival for Presentation template
- GitHub Help Section https://help.github.com/
- OpenSource Guide https://opensource.guide/how-to-contribute/

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