@gnawhleinad

Daniel Hwang

Senior Product Manager

I'd like to...

- share my professional journey
- share my learnings as a product manager
- share how GitHub works

2008

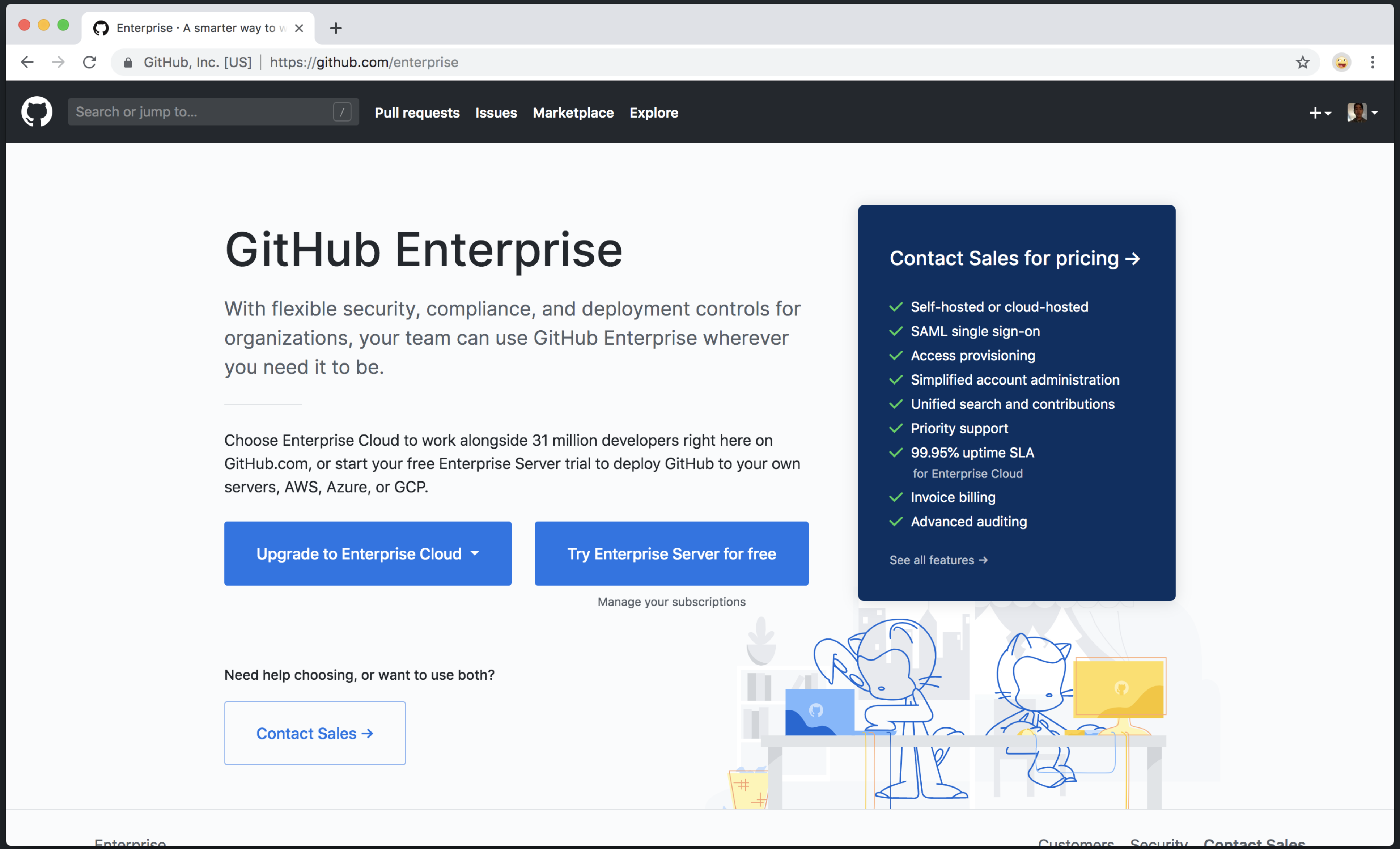
2010

2015

I made the transition to product management because...

- I **love** to learn about *everything*
- I am very **passionate** about vision and execution
- I have **incredible** role models who happen to be product managers

Today, I work on the **enterprise** persona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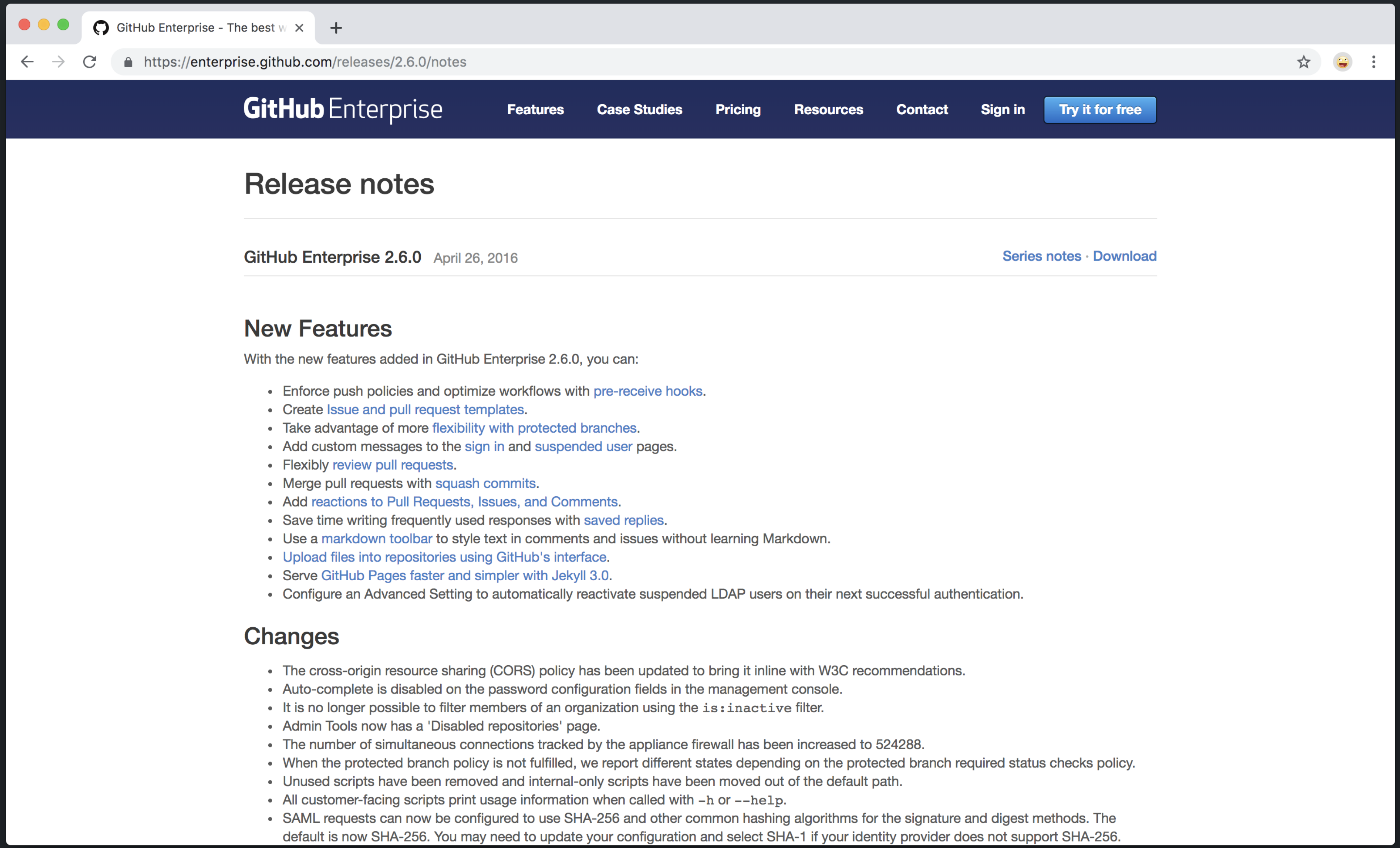
https://github.com/enterprise

The first major functionality that I worked on was `pre-receive` hooks!



Release notes

GitHub Enterprise 2.6.0 April 26, 2016

Series notes · Download

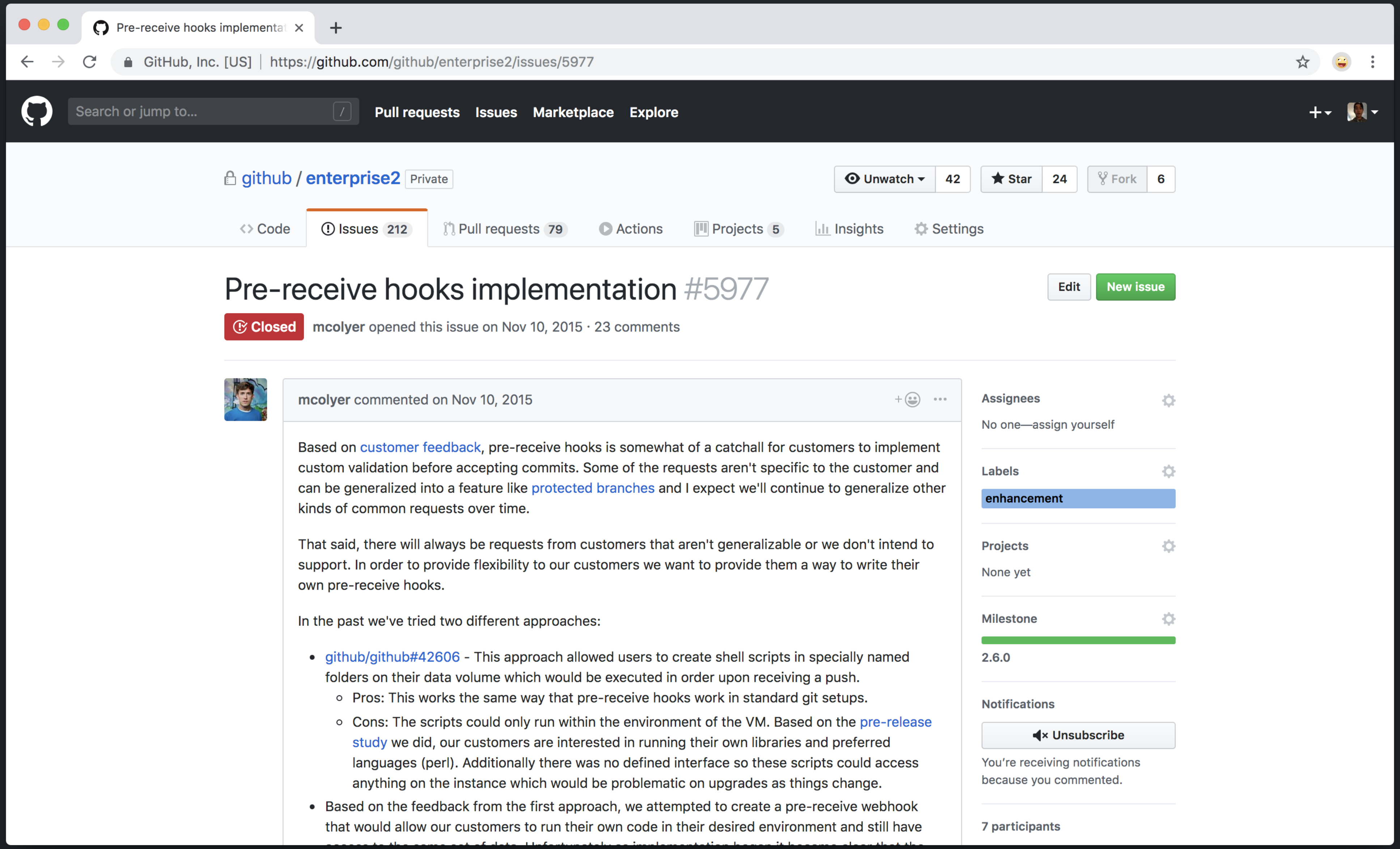
New Features

With the new features added in GitHub Enterprise 2.6.0, you can:

- Enforce push policies and optimize workflows with pre-receive hooks.
- Create Issue and pull request templates.
- Take advantage of more flexibility with protected branches.
- Add custom messages to the sign in and suspended user pages.
- Flexibly review pull requests.
- Merge pull requests with squash commits.
- Add reactions to Pull Requests, Issues, and Comments.
- Save time writing frequently used responses with saved replies.
- Use a markdown toolbar to style text in comments and issues without learning Markdown.
- Upload files into repositories using GitHub's interface.
- Serve GitHub Pages faster and simpler with Jekyll 3.0.
- Configure an Advanced Setting to automatically reactivate suspended LDAP users on their next successful authentication.

Changes

- The cross-origin resource sharing (CORS) policy has been updated to bring it inline with W3C recommendations.
- Auto-complete is disabled on the password configuration fields in the management console.
- It is no longer possible to filter members of an organization using the `is:inactive` filter.
- Admin Tools now has a 'Disabled repositories' page.
- The number of simultaneous connections tracked by the appliance firewall has been increased to 524288.
- When the protected branch policy is not fulfilled, we report different states depending on the protected branch required status checks policy.
- Unused scripts have been removed and internal-only scripts have been moved out of the default path.
- All customer-facing scripts print usage information when called with `-h` or `--help`.
- SAML requests can now be configured to use SHA-256 and other common hashing algorithms for the signature and digest methods. The default is now SHA-256. You may need to update your configuration and select SHA-1 if your identity provider does not support SHA-256.


Pre-receive hooks implementa
GitHub, Inc. [US] | https://github.com/github/enterprise2/issues/5977
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Unwatch 42
Star 24
Fork 6
Code
Issues 212
Pull requests 79
Actions
Projects 5
Insights
Settings
Edit
New issue
Closed
Assignees
No one—assign yourself
Labels
enhancement
Projects
None yet
Milestone
2.6.0
Notifications
Unsubscribe
You're receiving notifications because you commented.
7 participants

Pre-receive hooks implementation #5977

mcolyer opened this issue on Nov 10, 2015 · 23 comments

mcolyer commented on Nov 10, 2015

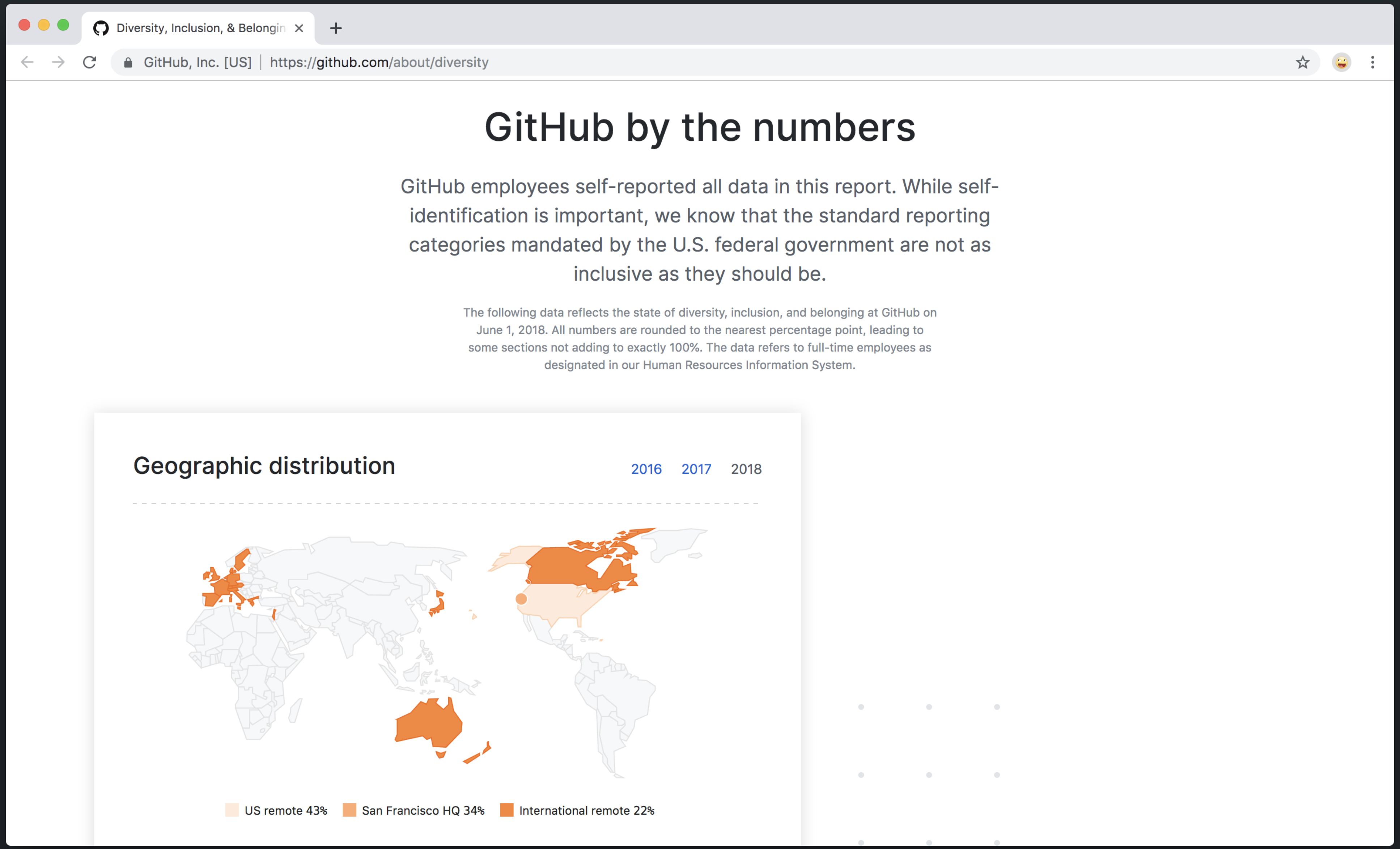
Based on customer feedback, pre-receive hooks is somewhat of a catchall for customers to implement custom validation before accepting commits. Some of the requests aren't specific to the customer and can be generalized into a feature like protected branches and I expect we'll continue to generalize other kinds of common requests over time.

That said, there will always be requests from customers that aren't generalizable or we don't intend to support. In order to provide flexibility to our customers we want to provide them a way to write their own pre-receive hooks.

In the past we've tried two different approaches:

- github/github#42606 - This approach allowed users to create shell scripts in specially named folders on their data volume which would be executed in order upon receiving a push.
  - Pros: This works the same way that pre-receive hooks work in standard git setups.
  - Cons: The scripts could only run within the environment of the VM. Based on the pre-release study we did, our customers are interested in running their own libraries and preferred languages (perl). Additionally there was no defined interface so these scripts could access anything on the instance which would be problematic on upgrades as things change.
- Based on the feedback from the first approach, we attempted to create a pre-receive webhook that would allow our customers to run their own code in their desired environment and still have

7 participants


Diversity, Inclusion, & Belongin
GitHub, Inc. [US]
https://github.com/about/diversity
2016
2017
2018

GitHub by the numbers

GitHub employees self-reported all data in this report. While self-identification is important, we know that the standard reporting categories mandated by the U.S. federal government are not as inclusive as they should be.

The following data reflects the state of diversity, inclusion, and belonging at GitHub on June 1, 2018. All numbers are rounded to the nearest percentage point, leading to some sections not adding to exactly 100%. The data refers to full-time employees as designated in our Human Resources Information System.

Geographic distribution

- US remote 43%
- San Francisco HQ 34%
- International remote 22%

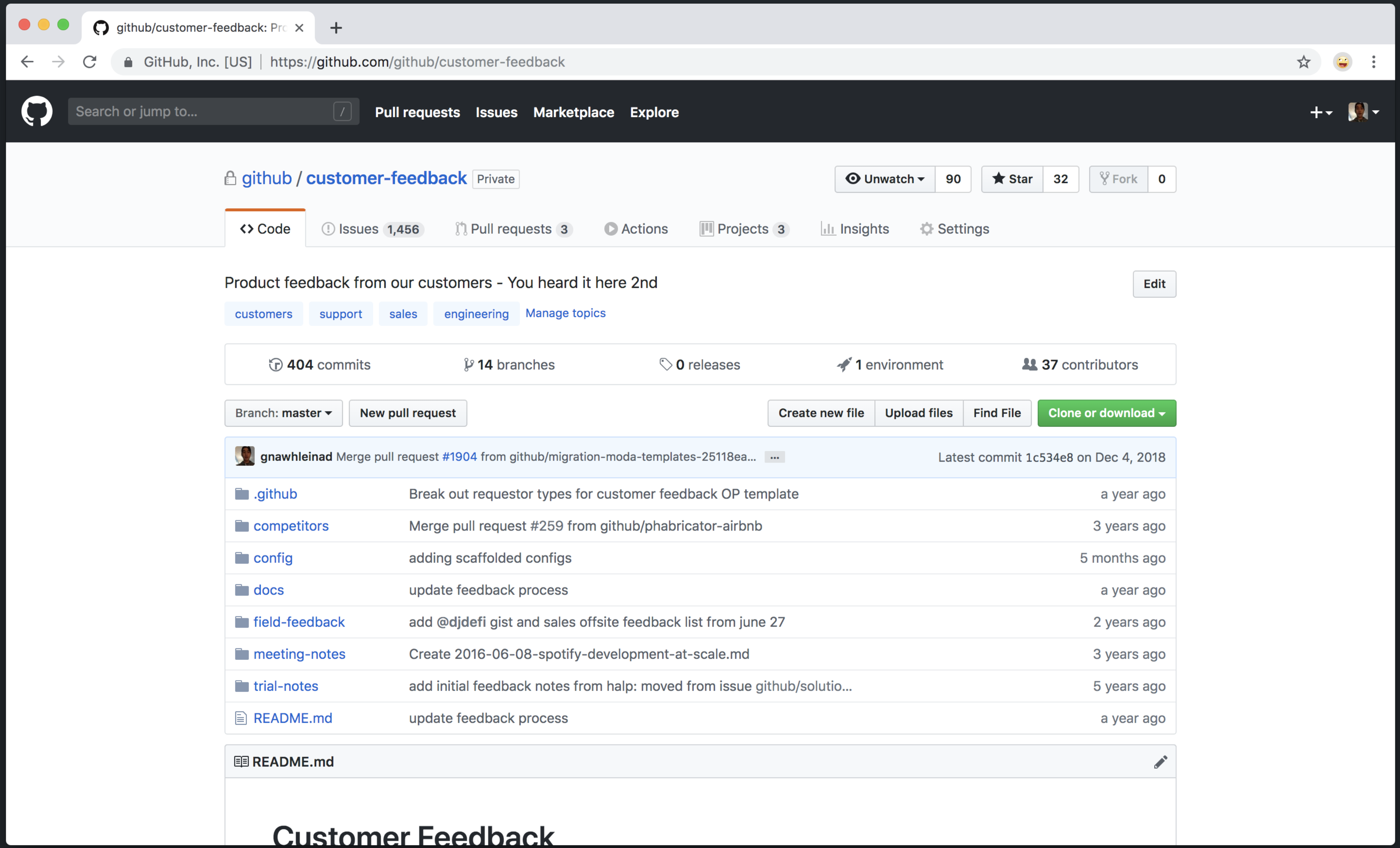
https://github.com/about/diversity

The benefits of an asynchronous culture...

- there's a written record of your [team's] train of thought for a decision *and* future decisions can take it into consideration
- it allows you to prioritize what's important and invest time in other conversations so that you can contribute with an informed perspective

GitHub also operates transparently.

e.g., **github/customer-feedback**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Unwatch 90
Star 32
Fork 0
Code
Issues 1,456
Pull requests 3
Actions
Projects 3
Insights
Settings
Edit
customers
support
sales
engineering
Manage topics
404 commits
14 branches
0 releases
1 environment
37 contributors
Branch: master
New pull request
Create new file
Upload files
Find File
Clone or download

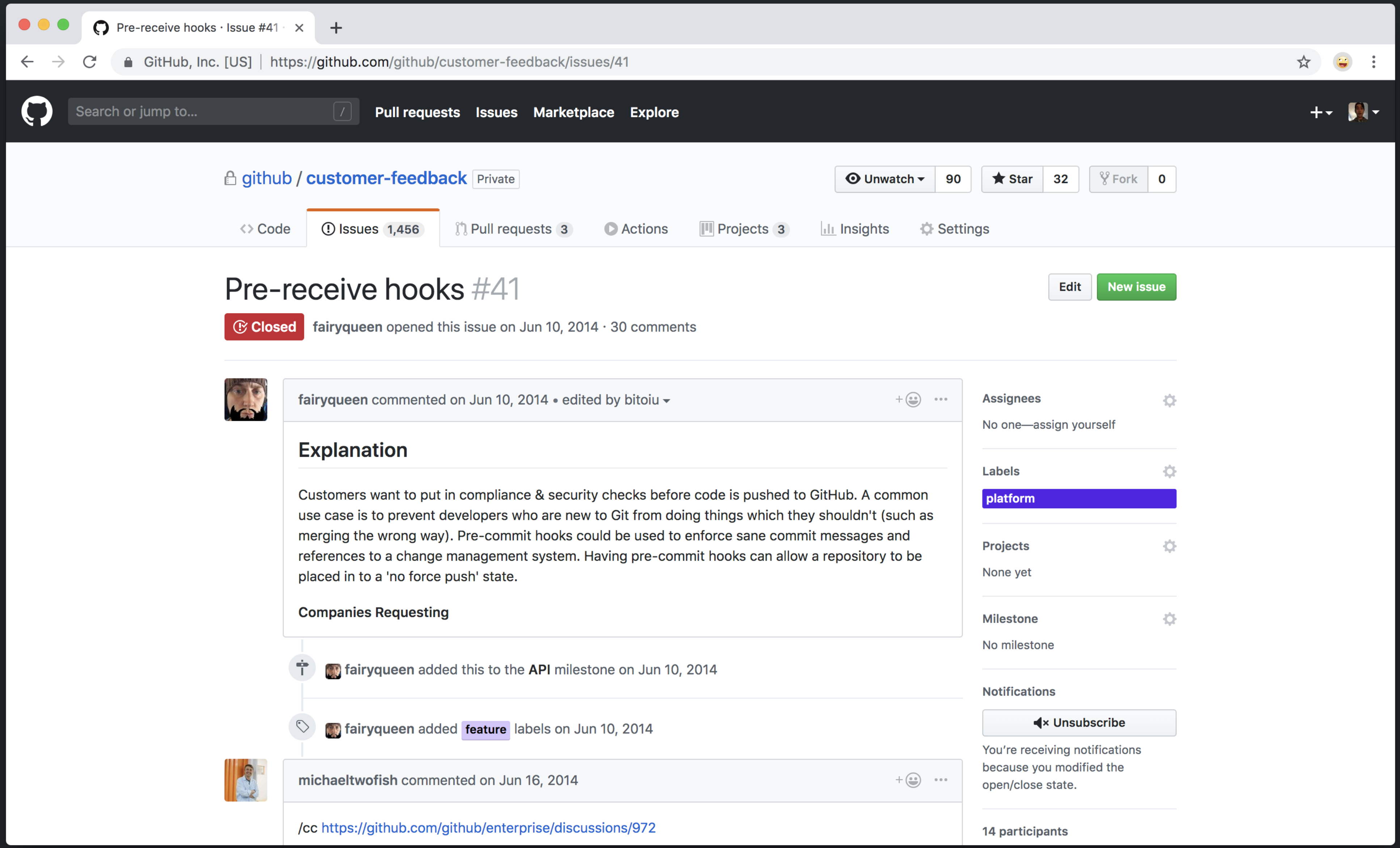
Product feedback from our customers - You heard it here 2nd

gnawhleinad Merge pull request #1904 from github/migration-moda-templates-25118ea… Latest commit 1c534e8 on Dec 4, 2018

.github	Break out requestor types for customer feedback OP template	a year ago
competitors	Merge pull request #259 from github/phabricator-airbnb	3 years ago
config	adding scaffolded configs	5 months ago
docs	update feedback process	a year ago
field-feedback	add @djdefi gist and sales offsite feedback list from june 27	2 years ago
meeting-notes	Create 2016-06-08-spotify-development-at-scale.md	3 years ago
trial-notes	add initial feedback notes from halp: moved from issue github/solutio…	5 years ago
README.md	update feedback process	a year ago

README.md

Customer Feedback


Pre-receive hooks · Issue #41 ·
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Issues 1,456
Pull requests 3
Actions
Projects 3
Insights
Settings
Edit
New issue

Pre-receive hooks #41

Closed fairyqueen opened this issue on Jun 10, 2014 · 30 comments

fairyqueen commented on Jun 10, 2014 • edited by bitoiu

Explanation

Customers want to put in compliance & security checks before code is pushed to GitHub. A common use case is to prevent developers who are new to Git from doing things which they shouldn't (such as merging the wrong way). Pre-commit hooks could be used to enforce sane commit messages and references to a change management system. Having pre-commit hooks can allow a repository to be placed in to a 'no force push' state.

Companies Requesting

fairyqueen added this to the **API** milestone on Jun 10, 2014

fairyqueen added feature labels on Jun 10, 2014

michaeltwofish commented on Jun 16, 2014

/cc https://github.com/github/enterprise/discussions/972

Assignees: No one—assign yourself

Labels: platform

Projects: None yet

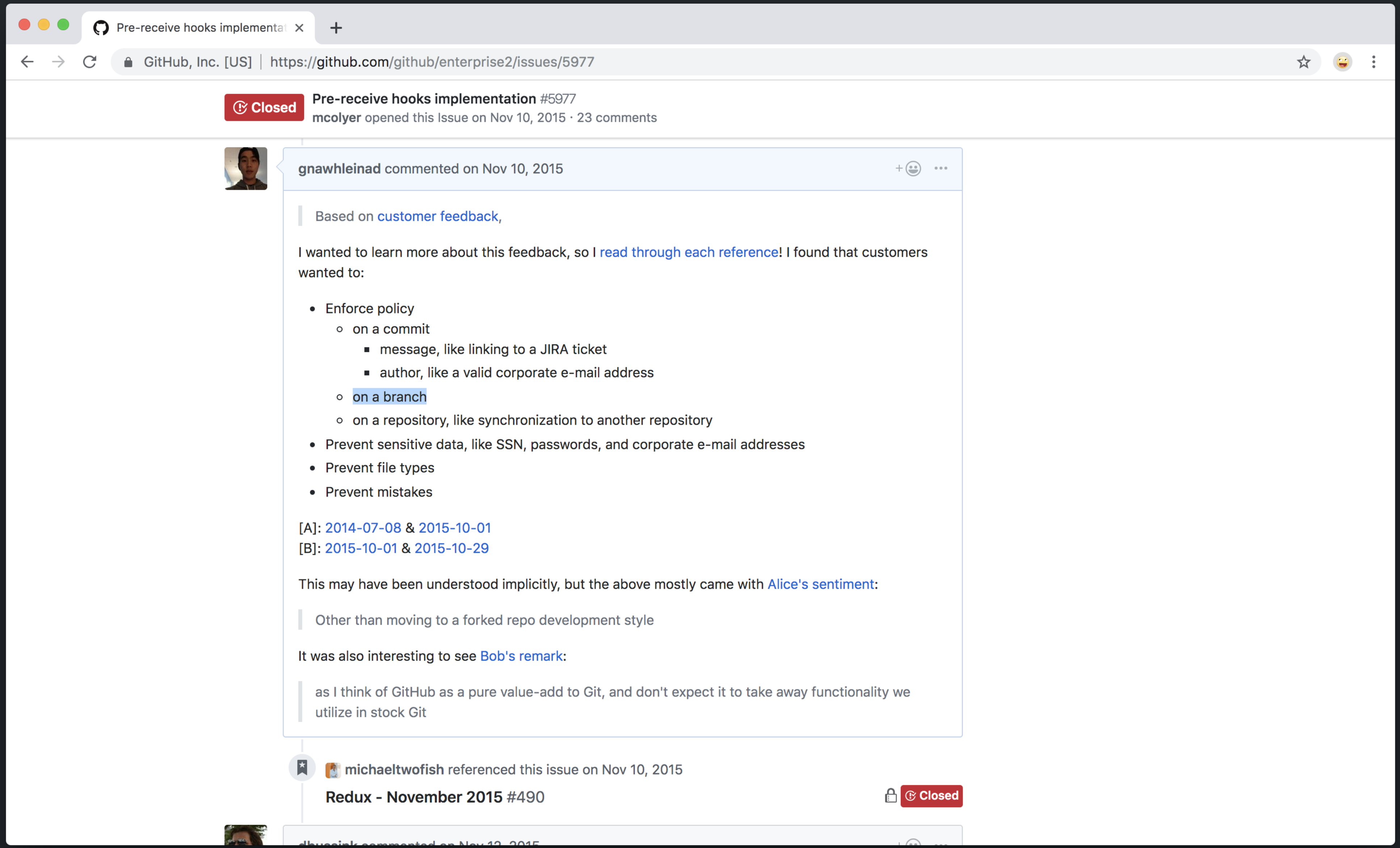
Milestone: No milestone

Notifications

Unsubscribe

You're receiving notifications because you modified the open/close state.

14 participants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Closed **Pre-receive hooks implementation** #5977

mcolyer opened this Issue on Nov 10, 2015 · 23 comments

gnawhleinad commented on Nov 10, 2015

> Based on customer feedback,

I wanted to learn more about this feedback, so I read through each reference! I found that customers wanted to:

- Enforce policy
  - on a commit
    - message, like linking to a JIRA ticket
    - author, like a valid corporate e-mail address
  - on a branch
  - on a repository, like synchronization to another repository
- Prevent sensitive data, like SSN, passwords, and corporate e-mail addresses
- Prevent file types
- Prevent mistakes

[A]: 2014-07-08 & 2015-10-01
[B]: 2015-10-01 & 2015-10-29

This may have been understood implicitly, but the above mostly came with Alice's sentiment:

> Other than moving to a forked repo development style

It was also interesting to see Bob's remark:

> as I think of GitHub as a pure value-add to Git, and don't expect it to take away functionality we utilize in stock Git

michaeltwofish referenced this issue on Nov 10, 2015

Redux - November 2015 #490 Closed

GitHub's culture of transparency and asynchronous workflow allows cross-discipline, diverse discussions which creates a more informed solution.

> *Just wanted to give a shoutout to everyone for all the contributions lately. Of the 13 bullet points in the 2.6.5 Bug Fixes and Changes, team @github/enterprise-support reported 12 of them and helped to fix 5. Great work!* 👏⚡

@jatoben, Senior Support Engineer

> *product vision isn't owned by product managers … the best ideas can come from anyone*

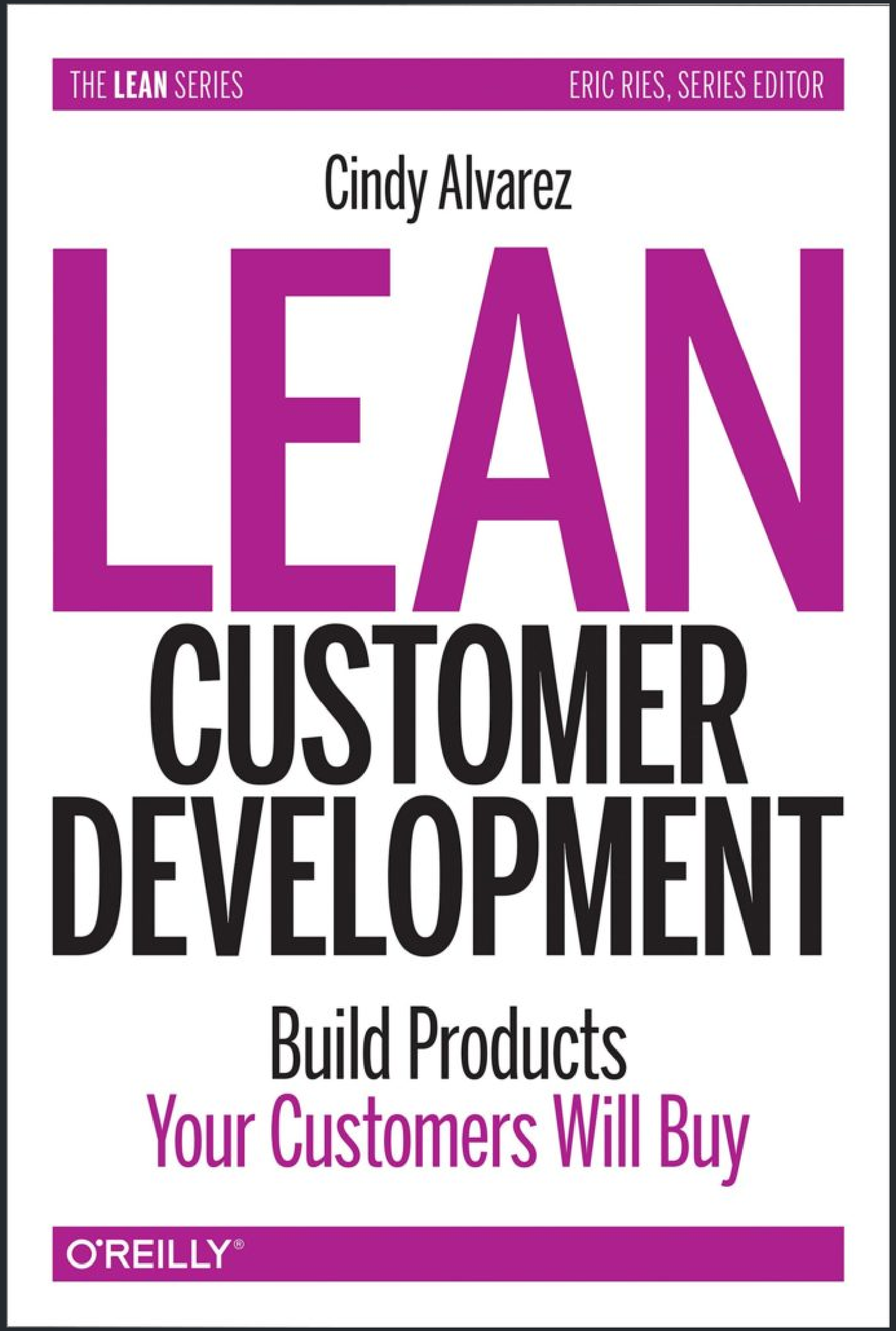
@kakuls, former VP of Product

(*quote is paraphrased*)

GitHub is a **software** company

GitHub is a **software** product

GitHub is for **software** developers



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ERIC RIES, SERIES EDITOR

Cindy Alvarez

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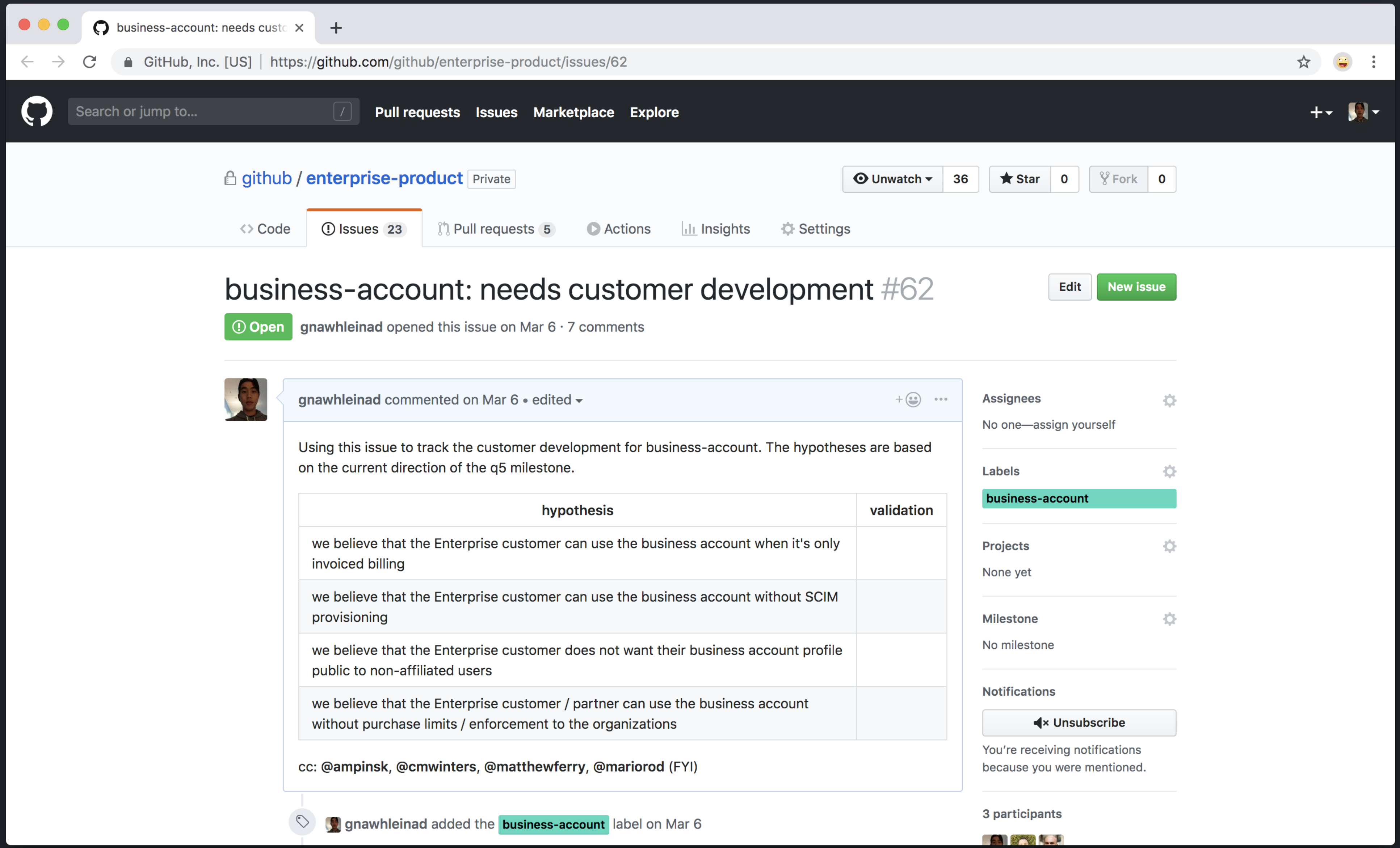
business-account: needs custo
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3 participants

business-account: needs customer development #62

gnawhleinad opened this issue on Mar 6 · 7 comments

gnawhleinad commented on Mar 6 • edited

Using this issue to track the customer development for business-account. The hypotheses are based on the current direction of the q5 milestone.

hypothesis	validation
we believe that the Enterprise customer can use the business account when it's only invoiced billing	
we believe that the Enterprise customer can use the business account without SCIM provisioning	
we believe that the Enterprise customer does not want their business account profile public to non-affiliated users	
we believe that the Enterprise customer / partner can use the business account without purchase limits / enforcement to the organizations	

cc: **@ampinsk**, **@cmwinters**, **@matthewferry**, **@mariorod** (FYI)

gnawhleinad added the business-account label on Mar 6

Thanks for listening.

and, thanks for your ongoing support. We need it to make the best product.

https://github.com/gnawhleinad/talks