

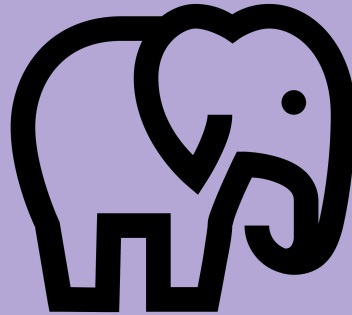
Baby Steps to

Open-Source Contribution

PromCon
August 10, 2018

Sneha @snehainguva
Daisy @1nfoverload

The elephant in the room...



DIVERSITY



Where do I begin?

What if I am ridiculed?

What if I ask a stupid question?

DISCLAIMER

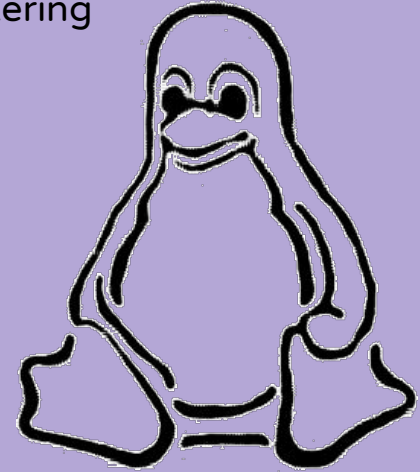
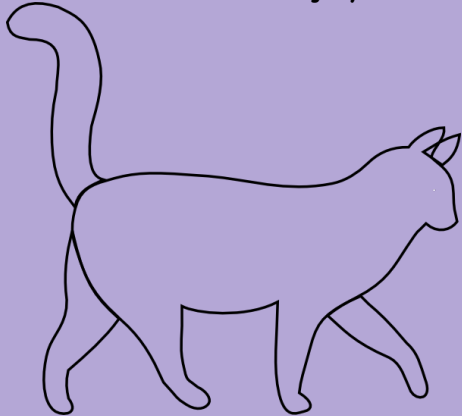
The following are anecdotal experiences.

Please don't start a tweetstorm.



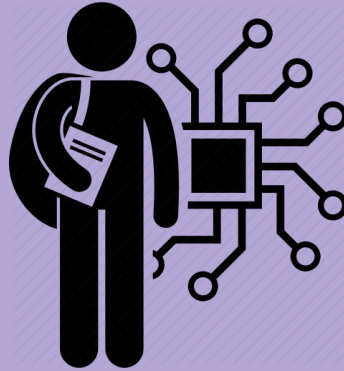
whoami: daisy

- Software Engineer
- Long-time avid user of open-source software
- Enjoy learning new technologies and tinkering



whoami: sneha

- EE major turned Software Engineer
- Only became exposed to OSS through colleagues & engineer friends





Where do I begin?

How do I start contributing?

Step 1:

Discover Projects

[1] Find a project of interest (or hearing about the damn thing!):

- Join meetup groups
- Talk to friends/colleagues
- Browse [github-help-wanted.com](https://github.com/help-wanted)

[2] Ask key questions:

- Is it well-maintained?
- Is the community friendly & welcoming?
- Is the community fairly large?
- Are there clear contributing instructions?
- Is there a Code of Conduct?

Examples of projects:



Prometheus

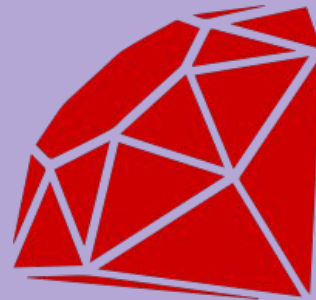


Django



Kubernetes

Ruby/Rails

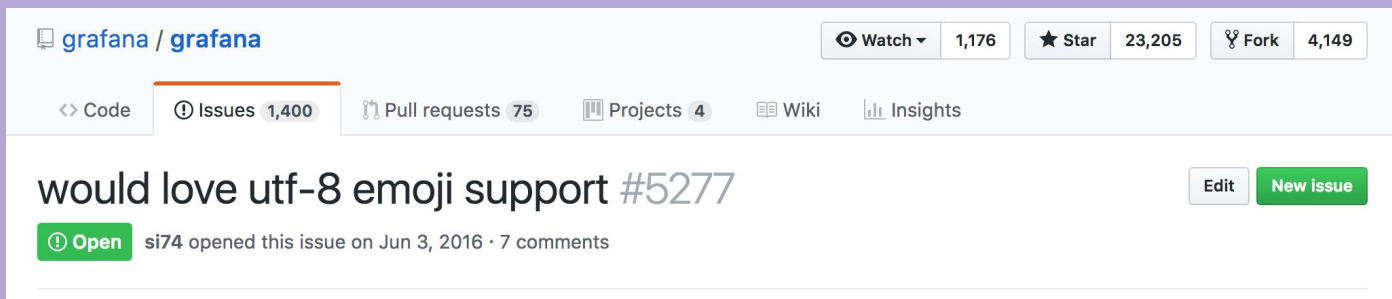


Step 2:

Get Involved

Try to run the software.

Try to break it.



The screenshot shows the GitHub interface for the repository 'grafana / grafana'. At the top right, there are buttons for 'Watch' (1,176), 'Star' (23,205), and 'Fork' (4,149). Below these are navigation tabs for 'Code', 'Issues' (1,400), 'Pull requests' (75), 'Projects' (4), 'Wiki', and 'Insights'. The main heading of the issue is 'would love utf-8 emoji support #5277', with 'Edit' and 'New issue' buttons to its right. Below the heading, a green 'Open' button is followed by the text 'si74 opened this issue on Jun 3, 2016 · 7 comments'.

Read documentation.

Reach out to contributors.

Step 3:

Submit the first PRs

documentation

main: actor functionality comments #4034

[Edit](#)

Merged kراسi-georgiev merged 1 commit into prometheus:master from si74:main_comments on Apr 3

Conversation 3 Commits 1 Checks 0 Files changed 1

Changes from all commits Jump to... +13 -0

[Diff settings](#)[Review changes](#)

13 cmd/prometheus/main.go

[View](#)

```
@@ -361,6 +361,7 @@ func main() {
361                                     361
362     var g group.Group                362     var g group.Group
363     {                                  363     {
364                                     364 + // Termination handler.
365     term := make(chan os.Signal)      365     term := make(chan os.Signal)
366     signal.Notify(term, os.Interrupt, syscall.SIGTERM) 366     signal.Notify(term, os.Interrupt, syscall.SIGTERM)
367     cancel := make(chan struct{})    367     cancel := make(chan struct{})
```

document remote write queue parameters #4126

[Edit](#)

Merged juliusv merged 1 commit into prometheus:master from infoverload:remote_write_documentation on Apr 30

Conversation 1 Commits 1 Checks 0 Files changed 1

Changes from all commits Jump to... +18 -0

[Diff settings](#)[Review changes](#)

document remote write queue parameters

daisy committed on Apr 30

commit 1666143c5a8a22024ef31829847d8c92abb7652c

18 docs/configuration/configuration.md


[View File \(base\)](#) [View File \(head\)](#) [<>](#) [View](#)

```
@@ -1193,6 +1193,24 @@ tls_config:
1193     # Optional proxy URL.                1194     # Optional proxy URL.
1194     [ proxy_url: <string> ]              1195     [ proxy_url: <string> ]
1195
1196 +
1197 + # Configures the queue used to write to remote storage.
1198 + queue_config:
1199 + # Number of samples to buffer per shard before we start dropping them.
1200 + [ capacity: <int> | default = 100000 ]
1201 + # Maximum number of shards, i.e. amount of concurrency.
```

help-wanted/beginner

Promtool: Add querying functionality #1605 New issue

Closed beorn7 opened this issue on Apr 29, 2016 · 12 comments

 beorn7 commented on Apr 29, 2016 Member + 🗨️ ...

We want to replace prometheus_cli with promtool.

See also [prometheus-junkyard/prometheus_cli#9](#)

👍 1

📌 beorn7 added `kind/enhancement` `component/promtool` labels on Apr 29, 2016

Assignees
No one assigned

Labels
`component/promtool`
`hacktoberfest`
`help wanted`
`kind/enhancement`
`low hanging fruit`
`priority/P2`

promtool: add query instant and query range commands #4085

Merged juliusv merged 6 commits into `prometheus:master` from `si74:promtool_add_commands` on Apr 26

add query labels command to promtool #4346

Merged juliusv merged 1 commit into `prometheus:master` from `infoverload:promtool_query_labels` 23 days ago



Become a Contributor

Open-Source projects are looking for your help.

Below are recent issues that maintainers labelled as *help wanted*.

Use the filters to find issues you'd like to contribute to.

Narrow your Search

Languages

Go x

Labels

help wanted x

documentation x

easy x

Newest ▾



@wizard580

the way to 'edit' message that was already sent

nlopes/slack

Thu, Aug 2, 2018 11:52 PM

1

Please help me: I need to send the message, then edit it after some internal apps event. Is there any way to do so? BTW: I don't need slash commands etc.

FAQ Answer documentation easy enhancement help wanted

How can you help?

Be proactive.

Offer to review. Offer to pair.

"Try to keep beginner-friendly issues around if you can (especially enhancements or feature-requests)."

– Jonas Große Sundrup

As a company...

Pay people to work on open source.

Pay people to mentor.

Takeaways.

It can be hard.

It can be time-consuming.

Don't be afraid to ask for help.

If you are in a position to help, DO IT.

We Can Do It!



Thank you.

<3

Sneha @snehainguva

Daisy @1nfoverload

Prome



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PromQL
Basics