

How to start contributing to Grin

@hashmap

JUST DO IT



QUESTIONS?

WHY?

ONLY YOU KNOW THE ANSWER



Photographer: David Paul Morris/Bloomberg

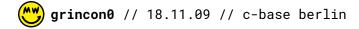
BUT WE HAVE COOKIES

Challenging problems

Great community

It's just cool





WHO?

Rust developers

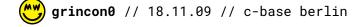
Researchers

Frontend developers

UI/UX specialists

Technical writers

Community members



HOW?

Check GitHub issues

(1) Implement BetterHash Mining Protocol enhancement good first issue help wanted #1804 opened 17 days ago by lehnberg

WHAT IF I CAN'T CODE?

Check GitHub issues

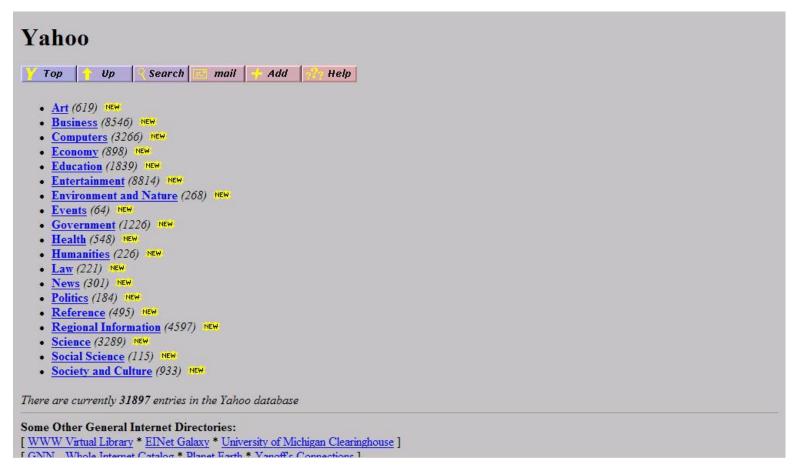
Translate `intro.md` to german good first issue task
#1783 opened 21 days ago by ossel



WHAT IF I HAVE AN IDEA ...?

IS IT TOO LATE?

My thoughts exactly when I discovered internet in 1995



ANY PRACTICAL ADVICE?

You are not your code



Programming Wisdom @CodeWisdom · 20h

"No one in the brief history of computing has ever written a piece of perfect software. It's unlikely that you'll be the first." - Andy Hunt

Fix recently introduced peer deadlock </ri>
#1941 by hashmap was merged 2 days ago

Remove unsafe sync/send impl for Peers
#1938 by hashmap was merged 2 days ago • Approved

Be excessively polite and nice





I made a private chat called Cyberia for crypto people with only one rule: be *excessively* polite and nice. It's shocked me how well that single rule works. The original rule "don't be an asshole" was far less effective because people would rules-lawyer it!

Writing documentation is hard

- Add wallet TLS setup doc
 #1786 by hashmap was merged 20 days ago
- Support pem TLS certificates ✓ #1665 by hashmap was merged on Oct 8
- Allow TLS for Wallet APIs
 #1626 by hashmap was merged on Oct 2 Approved
- Support TLS in ApiServer ✓ #1565 by hashmap was merged on Sep 21

Rust as the first language is hard

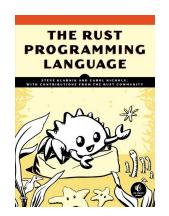
Don't fight with Rust

Rust is your friend

And he knows where you live

Read Rust books

The Rust Programming Language Steve Klabnik and Carol Nichols (online, print)



Programming Rust
Jim Blandy and Jason Orendorff (print)



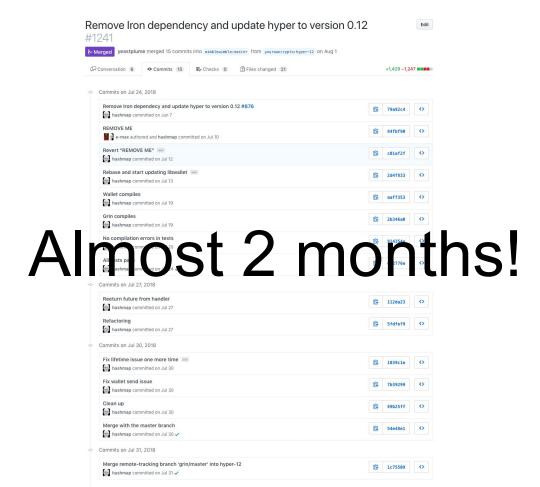
Learn some cryptography



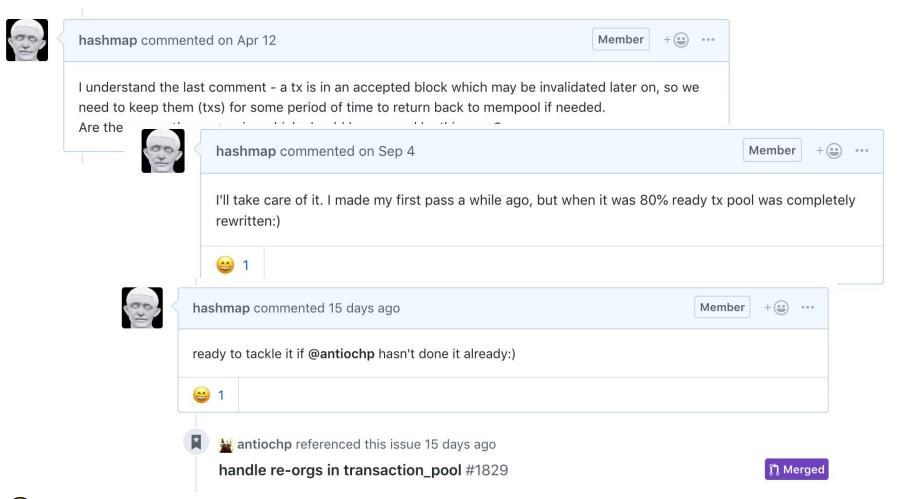
https://www.coursera.org/learn/crypto

It's OK to be slow

How long would it take for 2 programmers to update a dependency (hyper $0.11 \rightarrow 0.12$)?



Sometimes you are too slow, accept it



JUST DO IT

and keep balance



QUESTIONS?



https://grin-tech.org