

Sorbet撤退記

2019-07-04

表参道.rb #48

うなすけ

自己紹介

- 名前: うなすけ
- 仕事: 株式会社バンク (エンジニア)
 - インフラ寄りサーバーサイドエンジニア
 - Ruby, Rails, Kubernetes...
- GitHub [@unasuke](#)
- Mastodon [@unasuke@mstdn.unasuke.com](#)
- Twitter [@yu_suke1994](#)



参加表明



何か話したい枠

参加者

うなすけ

帰って寝たい

💬 GitHubが落ちるときの話か、Sorbetをapplicationに導入して試してみる話のどちらかを
します多分

- ~~GitHubが落ちるときの話~~
- ~~Sorbetをapplicationに導入して試してみる話~~

型



HolyGrail / 蜘蛛糸まな ❄️ @新人VTuber
@HolyGrail



うなすけくんがめちゃくちゃなPR出してきて社内が盛り上がってる

型 #4586

Edit

Draft unasuke wants to merge 2 commits into master from sorbet

Conversation 0

Commits 2

Checks 1

Files changed 222

+88,493 -0

午後2:38 · 2019年6月24日 · TweetDeck

7件のリツイート 33件のいいね

<https://twitter.com/HolyGrail/status/1143030647121780737>

型

型 #4586

 **Draft** unasuke wants to merge 2 commits into `master` from `sorbet` 

 Conversation 0

 Commits 2

 Checks 1

 Files changed 222

Sorbet

Sorbet is a fast, powerful type checker designed for Ruby.

Built with ♥ at Stripe.



Sorbet in RubyKaigi 2019

- <https://rubykaigi.org/2019/presentations/jez.html>
- https://www.youtube.com/watch?v=odmlf_ezsBo



Jake Zimmerman

Developer

A self-proclaimed "types enthusiast," Jake enjoys learning how type systems can help bring clarity and focus to large codebases. He works on the Sorbet core team at Stripe where he brings his experience with types and programming languages to help make engineers more productive every day.

State of Sorbet: A Type Checker for Ruby

We have developed a typesystem for Ruby at Stripe with a goal of helping developers understand code better, write code with more confidence, and detect/prevent significant classes of bugs.

This talk shares experience of Stripe successfully adopting Sorbet in our codebase which had millions lines of code that were written before the typechecker had been conceived. The talk will describe: - the process used to add typing to existing code, - many tools developed to support this process, - impact of this type system on safety and productivity at Stripe.

We also have some exciting announcements!

The talk does not require any previous knowledge of types and should be accessible to a broad audience.

Presentation Material

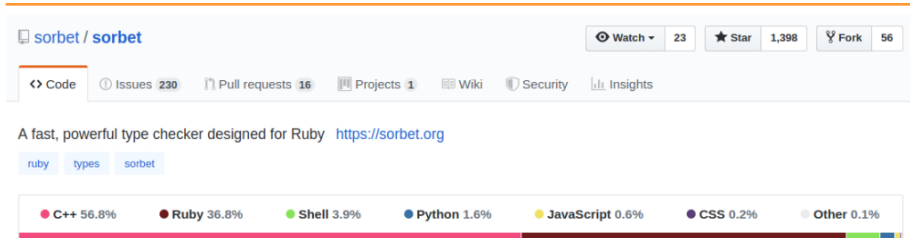
[State of Sorbet: A Type Checker for Ruby](#)

Recorded video



From RubyKaigi on YouTube

Sorbet was public released in GitHub



at 2019-06-20

<https://github.com/sorbet/sorbet>

「みんな型が欲しいっちゅってる」



unasuke commented 10 days ago

目的

- みんな型が欲しいっちゅってる

やったこと

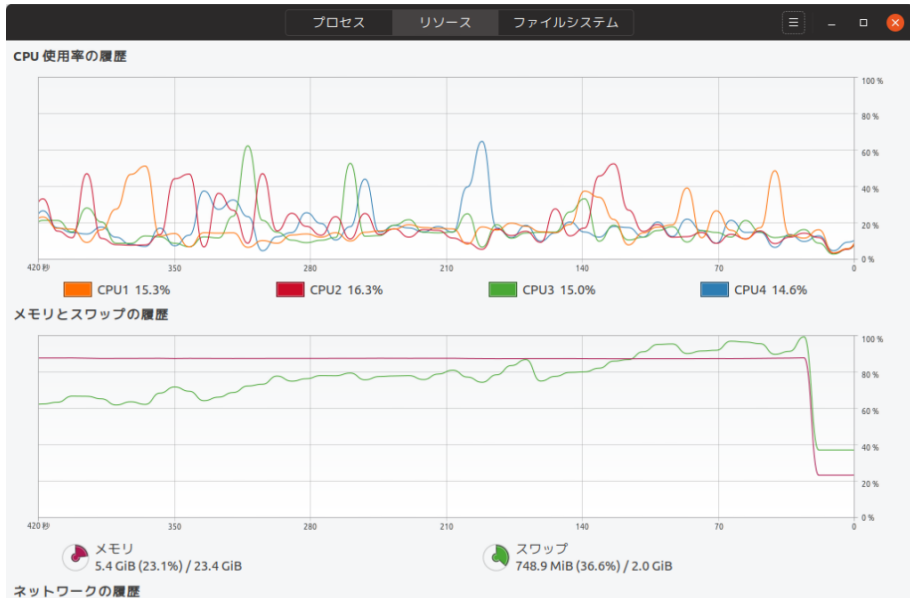
- sorbetの導入

やること

1. `gem 'sorbet', :group => :development`
2. 自明 `bundle install`
3. `bundle exec srb init`
4. `bundle exec srb tc`

<https://sorbet.org/docs/adopting>

bundle exec srb init → OOM Killer



bundle exec srb init → 大量の .rbi

```
$ ls sorbet/**/*.rbi | wc -l  
471
```

bundle exec srb typecheck めっちゃ警告

```
$ docker-compose exec api bundle exec srb tc | wc -l  
14826
```

We have CLI option!

```
$ bundle exec srb tc --typed=true
```

<https://sorbet.org/docs/cli#overriding-strictness-levels>

We have configuration yaml!

```
# -- foo.yaml --  
true:  
  - foo.rb
```

```
$ bundle exec srb tc --typed-override=foo.yaml foo.rb
```

<https://sorbet.org/docs/cli#overriding-strictness-levels>

しかしこれは両立できない(現状は)

- 全ファイルの静的型解析を `ignore`
- 型注釈を書いたファイルは `true` 以上

ということができない！

↓↓↓↓

結果、全 `.rb` に対して `# typed: ignore` を書く？

末路



https://twitter.com/yu_suke1994/status/1145998714533601280

結論



unasuke commented yesterday

時期尚早かなあという感じなので一旦closeする



unasuke closed this yesterday

はい……

理想

```
▼ 5 ■■■■■ remind.rb 📄
...    @@ -1,9 +1,12 @@
1      # typed: true
      1    # typed: strict
2      2
3      3    require 'json'
4      4    require 'octokit'
5      5    require 'slack-ruby-client'
6      6
7      7    extend T::Sig
8      8
9      9    sig { returns(T::Boolean) }
7     10    def in_business_time?
8     11      localtime = Time.now.localtime('+09:00')
9     12      return false if localtime.saturday? || localtime.sunday?
🔍
```

<https://github.com/unasuke/github-notification-reminder/commit/774205a>

参考資料

- <https://sorbet.org>
- <https://soutaro.hatenablog.com/entry/2019/06/26/145305>
- <https://speakerdeck.com/soutaro/an-introduction-to-typed-ruby-programming>