

# Методы борьбы с legacy-кодом

Илья Климов @ GitLab



**Frontend**  
**Conf**  
2019

Профессиональная  
конференция  
фронтенд-  
разработчиков





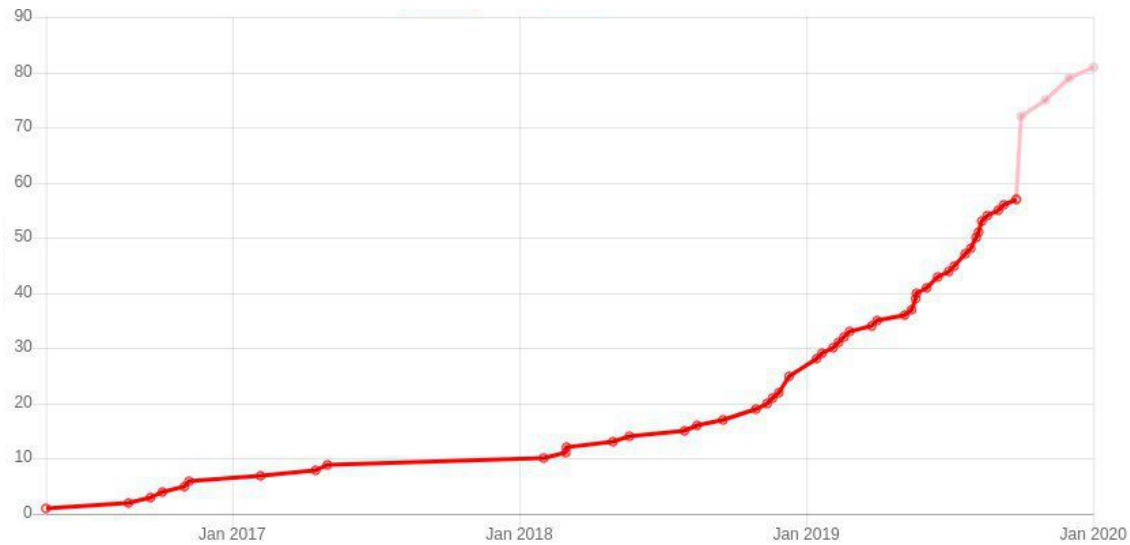


GitLab

\$2.7B



# GitLab





# GitLab

CoffeeScript  JavaScript



# GitLab

CoffeeScript  JavaScript

JQuery  Vue



# GitLab

CoffeeScript  JavaScript

JQuery  Vue

Karma  Jest



# GitLab

CoffeeScript  JavaScript

JQuery  Vue

Karma  Jest

REST

GraphQL





# GitLab

CoffeeScript  JavaScript

JQuery  Vue

Karma  Jest

Vuex  Apollo



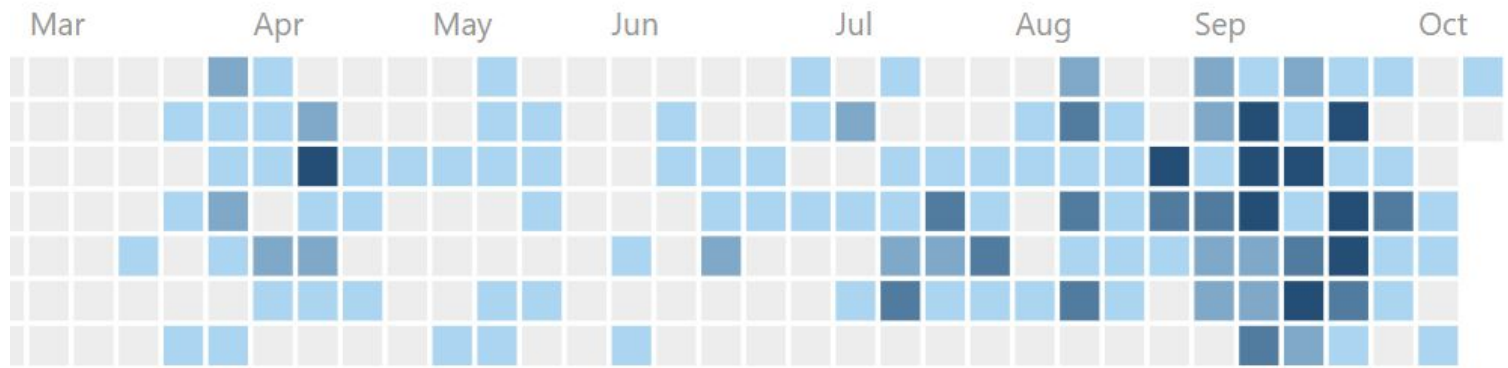
# GitLab

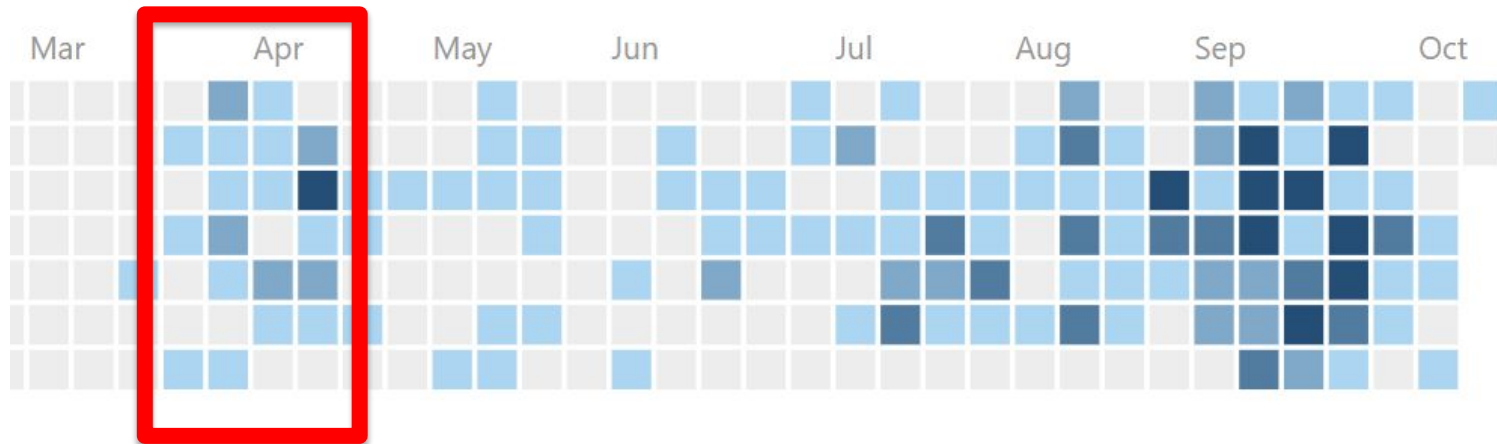
CoffeeScript  JavaScript

JQuery  Vue

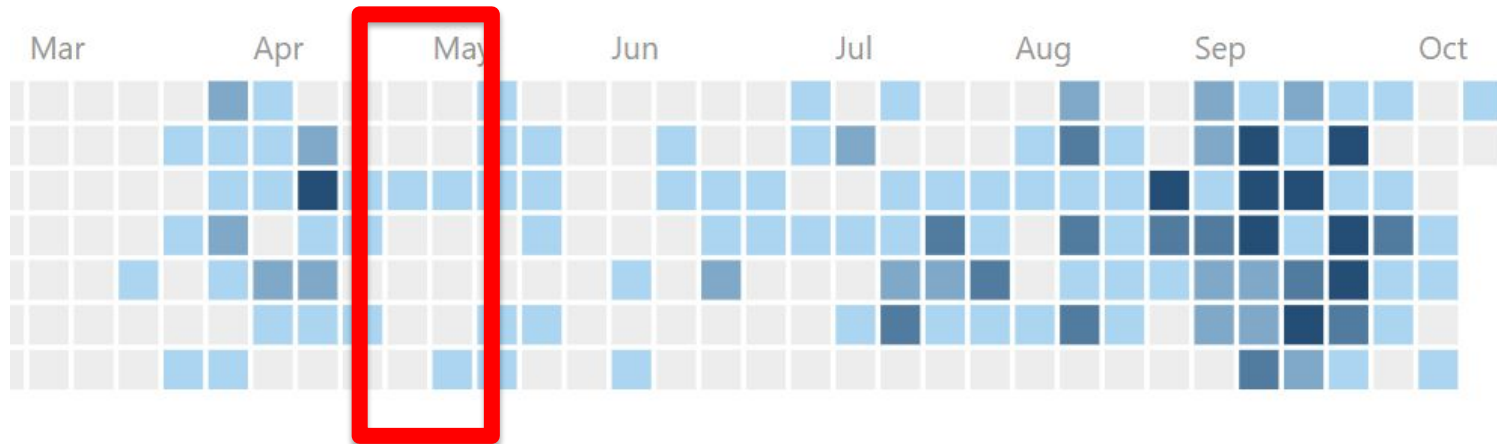
Karma  Jest

Vuex  Apollo

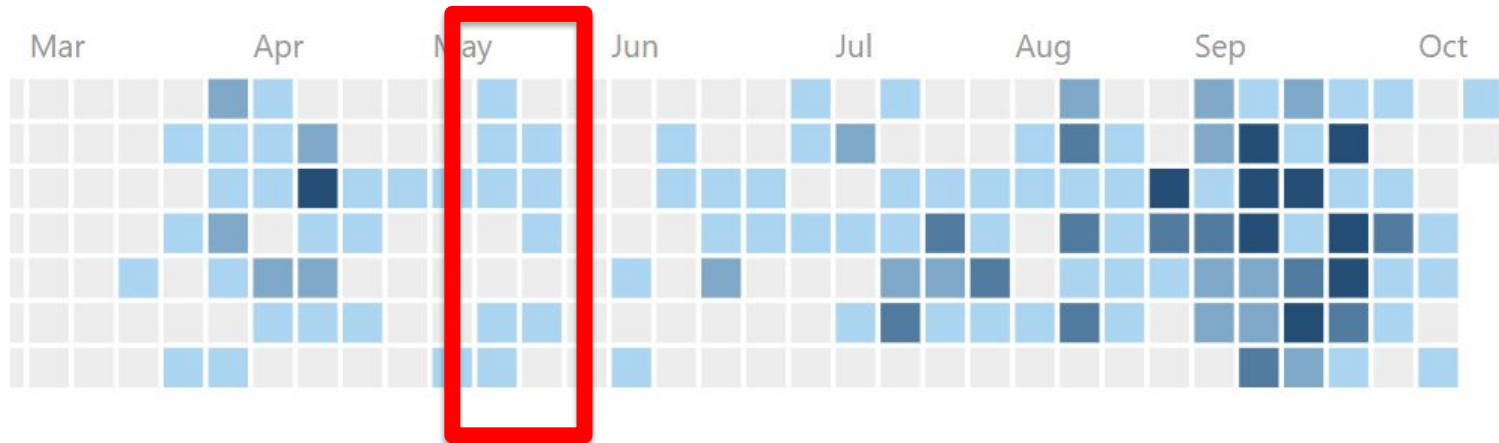




# Онбоарди НГ

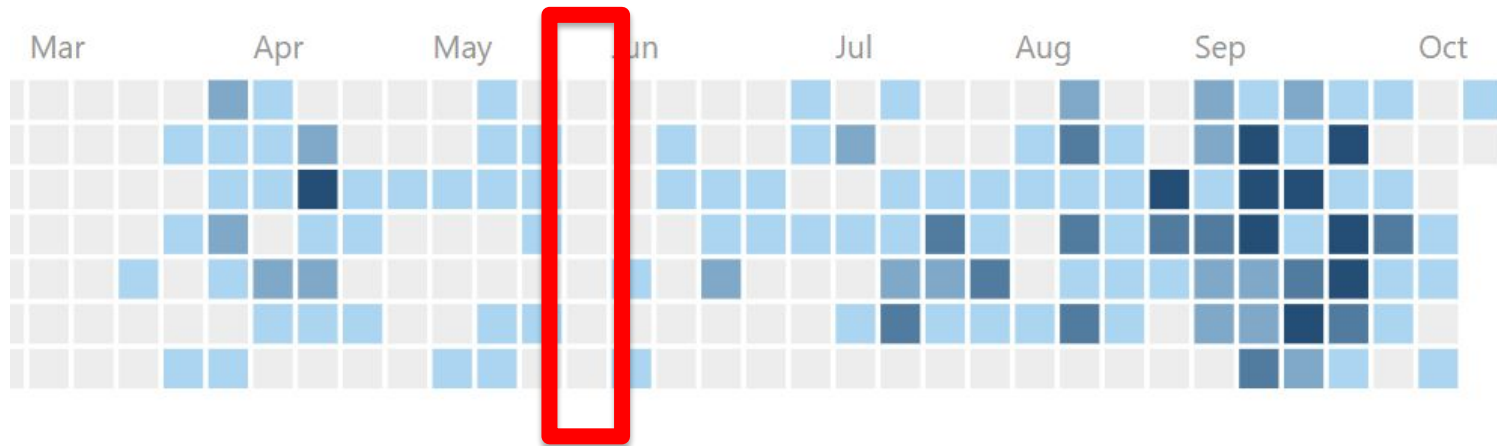


# Отрицан ие

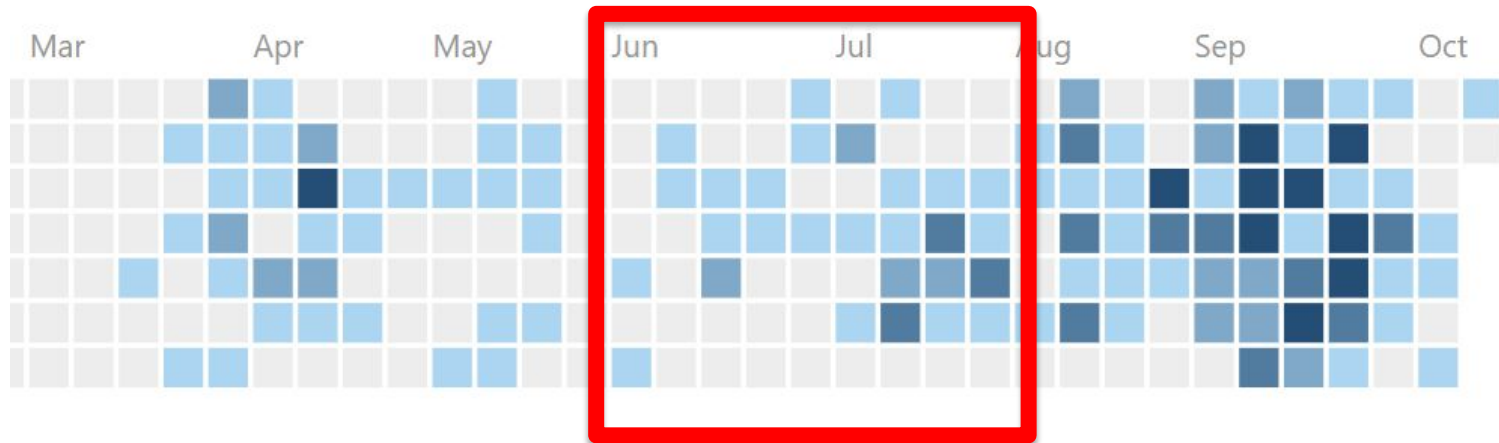


Гне

В

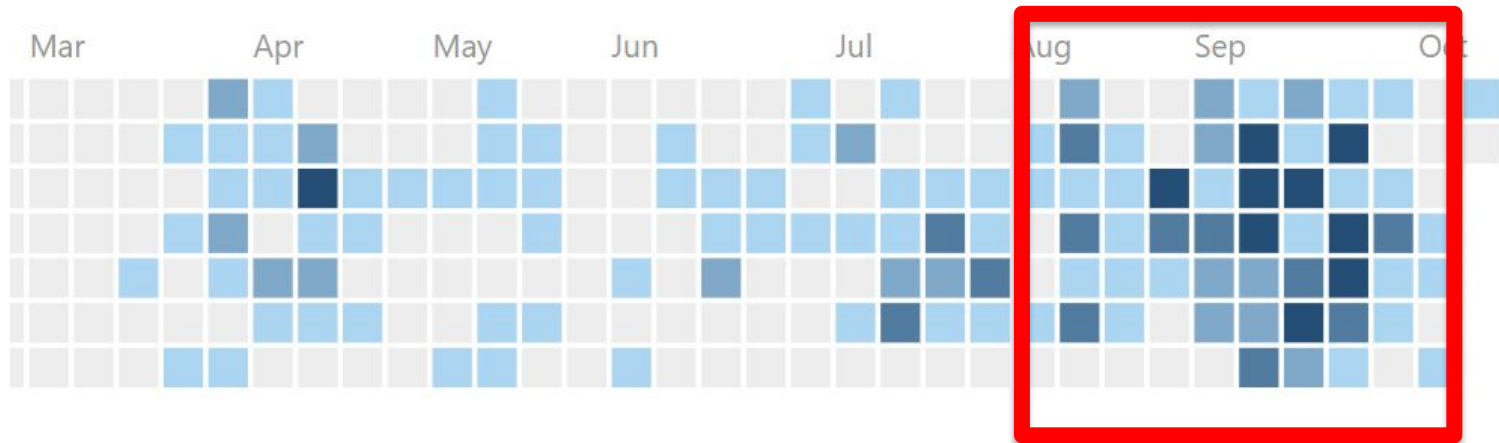


# Депресси я



# Topr





Приняти  
е



First	Second	Third
-------	--------	-------

 	Search		
---	--------	---	---

First	Second	Third
-------	--------	-------



 	Search		
---	--------	---	---

 ↻ ✕ 🔍

### Create, Build, and Style > Search

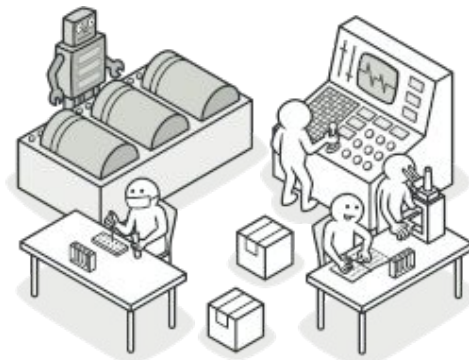
gitlab-org/gitlab-services/design.gitlab.com#271 · opened 4 months ago by Taurie Davis ⌚ 12.4 Deliverable Manage [DEPRECATED]  
OKR P2 component::search ? devops::manage ? estimation:needed frontend missed-deliverable missed:12.1 missed:12.2  
missed:12.3 workflow::In dev ?

### Create, Build, and Style > Segmented Controls

gitlab-org/gitlab-services/design.gitlab.com#269 · opened 4 months ago by Taurie Davis ⌚ 12.4 Manage [DEPRECATED] OKR  
component::segmented-control ? devops::manage ? estimation:needed frontend missed-deliverable missed:12.1 missed:12.2  
missed:12.3 workflow::In dev ?



И никто не вливает молодого вина в мехи ветхие; а иначе молодое вино прорвет мехи, и само вытечет, и мехи пропадут; но молодое вино должно вливать в мехи новые; тогда сбережется и то и другое. И никто, пив старое вино, не захочет тотчас молодого, ибо говорит: старое лучше.



# 1. Изоляция



## Examples

Basic

**button-basic** [Source](#) [HTML](#) [Edit in JSFiddle](#)

Test Button

VS

## Examples

Basic

**button-basic** [Source](#) [HTML](#) [Edit in JSFiddle](#)

Test Button

## Examples

Basic

**button-basic** [Source](#) [HTML](#) [Edit in JSFiddle](#)

Test Button

VS

## Examples

Basic

**button-basic** [Source](#) [HTML](#) [Edit in JSFiddle](#)

Test Button

# CSS

его уже не спасти



# HTML

его тоже 😞









# Pajamas

Resources, components, and design guidelines behind GitLab

# 1. Изоляция

A dark silhouette of a person wearing a wide-brimmed hat, centered against a light gray background. The text 'SHADOW DOM' is overlaid on the silhouette, with 'SHADOW' in dark gray and 'DOM' in white. The text is positioned across the face area of the silhouette.

SHADOW DOM



# 1. Изоляция

```
98 98 </script>
99 99 <template>
100 100 <div class="js-deploy-board deploy-board">
101 - <gl-loading-icon v-if="isLoading" />
101 + <gl-loading-icon v-if="isLoading" class="loading-icon" />
102 <template v-else>
103 <div v-if="hasLegacyAppLabel" class="bs-callout bs-callout-warning mb-0 mt-0">
104 <span v-html="legacyLabelWarningMessage"></span>
```

```
- .loading-container {
+ .loading-icon {
    margin-left: $gl-padding-4 / 2;
    margin-right: $gl-padding-4;
}
```

# 2. Тесты

## Improve tests using reviewer suggestions

118 jobs for !17398 with refactor-alert-widget-spec in 98 minutes and 14 seconds (queued for 7 seconds)

detached

5e203d83

Pipeline Jobs 118 Failed Jobs 1 Security 4

The screenshot displays a CI/CD pipeline interface with the following stages and jobs:

- Prepare:**
  - build-qa-image
  - compile-assets p...
  - retrieve-tests-me...
  - review-cleanup-f...
  - setup-test-env
- Test:**
  - code\_quality
  - danger-review
  - db:check-schema
  - db:migrate-from...
  - db:migrate:reset
- Review-prepare:**
  - review-build-cng
- Review:**
  - review-deploy
  - review-stop
- Qa:**
  - dast
  - package-and-qa...
  - review-performa...
  - review-qa-all (5 jobs)
  - review-qa-smoke

## 2. Тесты

89.3%

# 2. Тесты

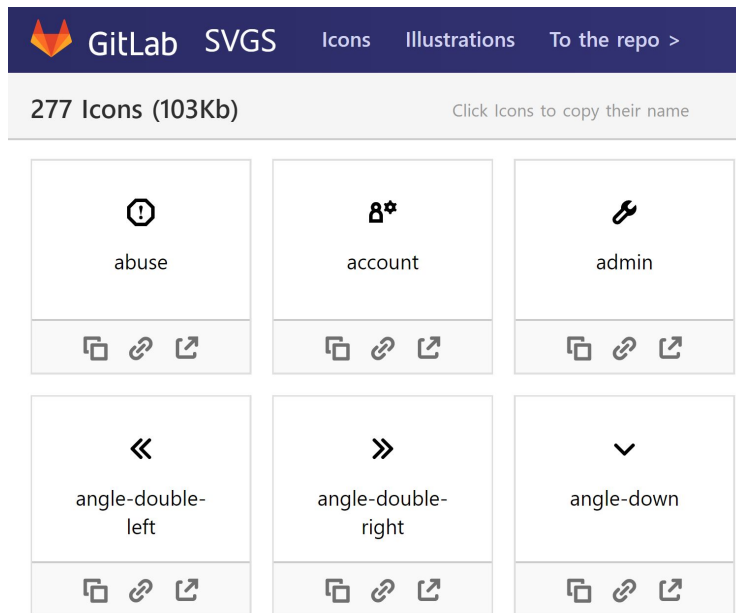
## Pinning test

# 2. Тесты

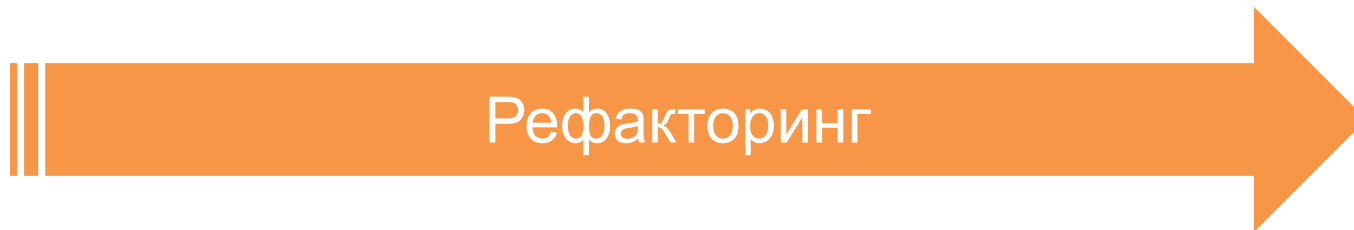
<b>Migrate ee/spec/javascripts/epic/components/sidebar_items/sidebar_date_picker_spec.js to Jest</b> gitlab-org/gitlab#32462 · opened 3 weeks ago by Illya Klymov 12.4 Enterprise Edition backstage test workflow::In review ?	CLOSED 1 0 updated 1 week ago
<b>Migrate ee/spec/javascripts/monitoring/alert_widget_spec.js to Jest</b> gitlab-org/gitlab#32461 · opened 3 weeks ago by Illya Klymov 12.4 Enterprise Edition backstage test workflow::In review ?	CLOSED 1 0 updated 1 week ago
<b>Migrate license_management_spec to Jest</b> gitlab-org/gitlab#32460 · opened 3 weeks ago by Illya Klymov 12.4 Enterprise Edition backstage test workflow::In review ?	CLOSED 1 0 updated 2 weeks ago
<b>Migrate spec/javascripts/ide/components/error_message_spec.js to Jest</b> gitlab-org/gitlab#32126 · opened 3 weeks ago by Illya Klymov 12.4 backstage test workflow::In review ?	CLOSED 1 0 updated 2 weeks ago
<b>Migrate spec/javascripts/ide/components/jobs/stage_spec.js to Jest</b> gitlab-org/gitlab#32101 · opened 3 weeks ago by Illya Klymov 12.4 backstage frontend test workflow::In review ?	CLOSED 1 1 updated 3 weeks ago

# 3. Сопротивление

# 3. Сопротивление

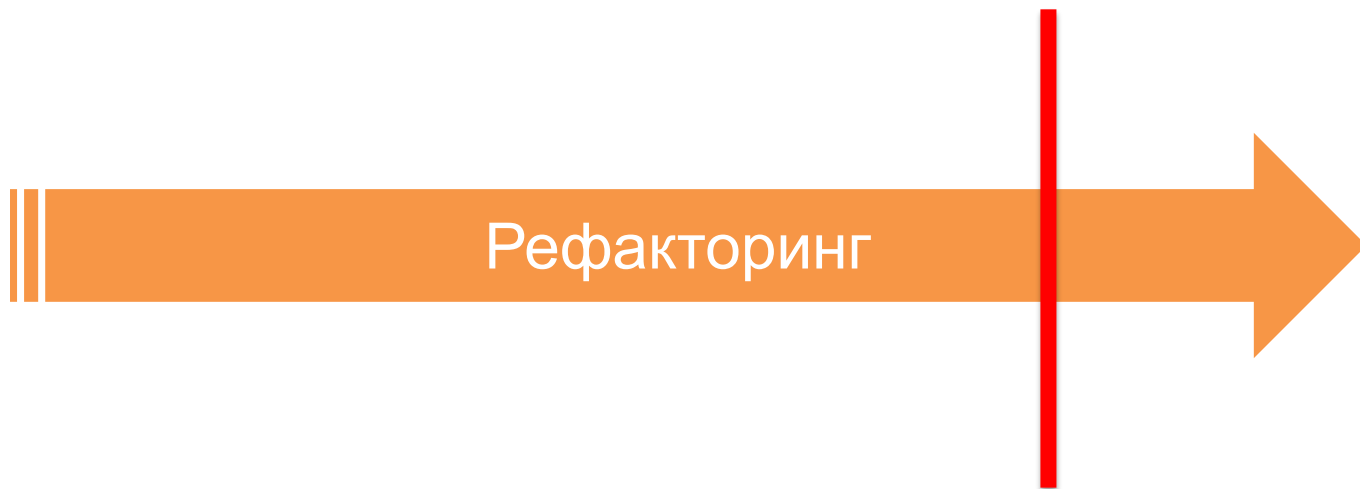


# 3. Сопротивление

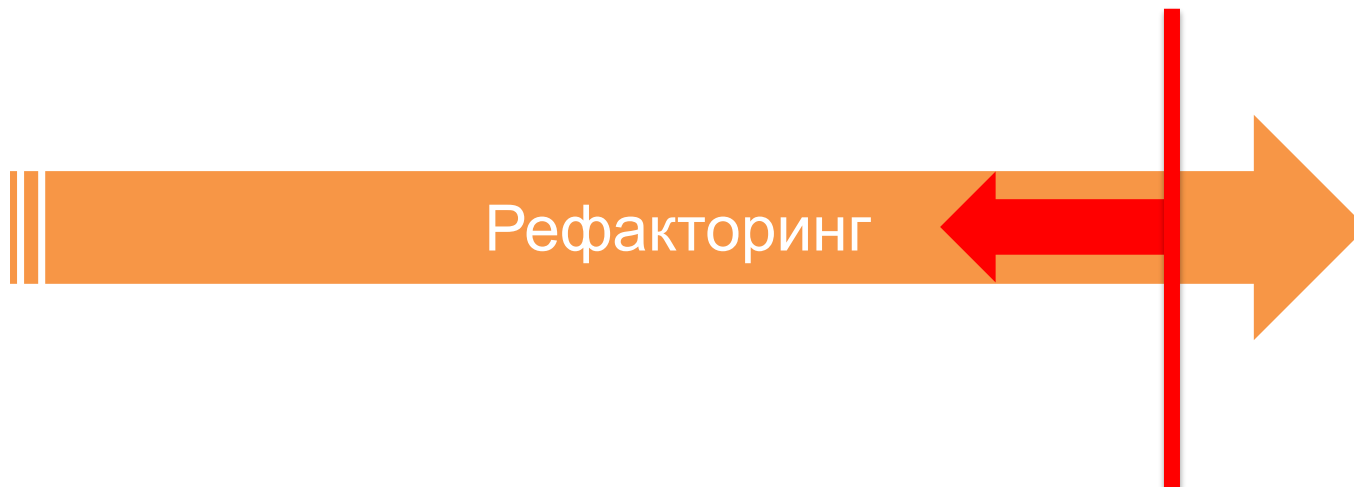




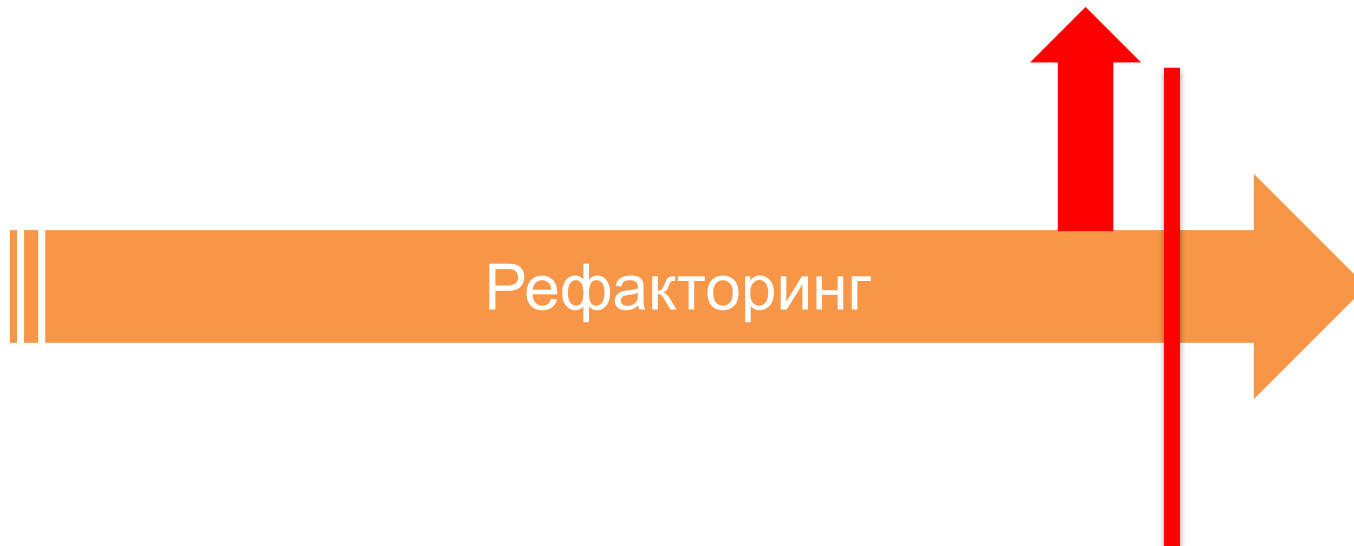
# 3. Сопротивление



# 3. Сопротивление



# 3. Сопротивление



# 4. Инструменты

# 4. Инструменты



Prettier



Vue Test Utils

# 4. Инструменты



# 4. Инструменты



**DANGER**

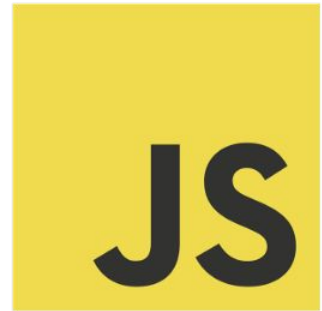
**HOME GUIDES REFERENCE TWITTER**

<https://danger.systems>

# 5. Абстракции



# 5. Абстракции

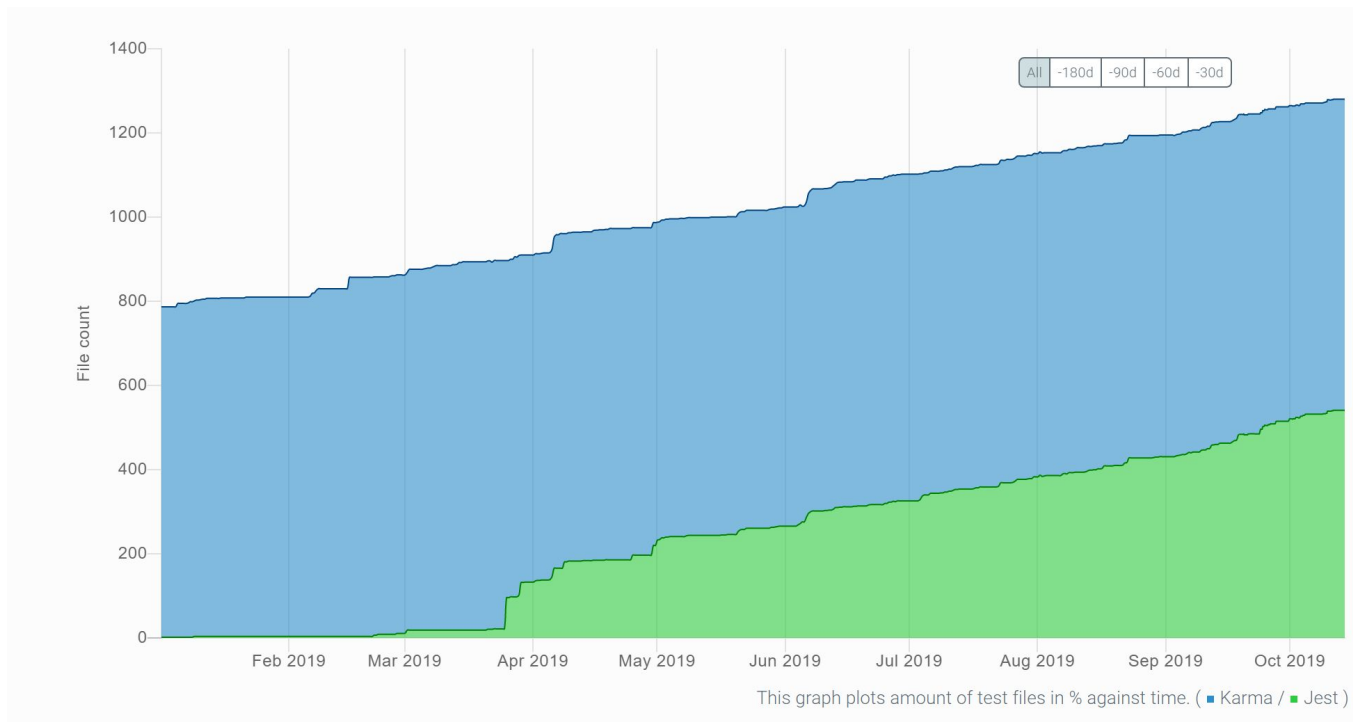


# 5. Абстракции



# 6. Метрики

# 6. Метрики



# 6. Метрики

**DEMO TIME**