

Яндекс

Инфраструктурные инструменты

@rostik404



Some checks were not successful

3 failing, 3 pending, and 24 successful checks

[Hide all checks](#)



[Sandbox CI] Hermione-e2e: desktop

[Details](#)



[Sandbox CI] Hermione-e2e: touch-pad

[Details](#)



[Sandbox CI] Hermione: desktop

Required

[Details](#)



[Sandbox CI] Hermione: touch-pad

Required

[Details](#)



[Sandbox CI] Линтеры

Required

[Details](#)



This branch is out-of-date with the base branch

Merge the latest changes from `dev` into this branch.

[Update branch](#)

As an administrator, you may still merge this pull request.

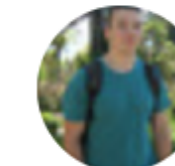
[Merge pull request](#)



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Более 30 плагинов





SANDBOX_CI_WEB4_HERMIONE SUCCESS #435093246

DESKTOP Add tag

[show type description](#) [show source](#)

[View](#)
[Logs](#)
[Resources 10](#)
[Dependant tasks](#)
[Child tasks](#)
[Dependencies 5](#)
[Context 96](#)
[History 12](#)
[Hosts](#)
[Hardware](#)

Custom header

Checks reports

Status	Report
SUCCESS	hermione-report desktop
SUCCESS	hermione-stat-reporter-html desktop

Tests

[Testcop](#)
[Погонять тесты](#)

Logs

[execution dir](#)
[debug.log](#)
[common.log](#)
[log1](#)

Description

[serp/web4#25371](#) - [8fb846c](#) desktop

TASK INFO

Author robot-serp-bot
 Owner SANDBOX_CI_SEARC...
 25%
 Parent ID 435092657
 Copied from -
 Time to kill 1h
 Priority SERVICE : LOW
 Created 23.05.2019 12:35:26
 (1h ago)
 Updated 23.05.2019 12:57:23
 (38m ago)
 Exec. time 17m:04s

Линтеры




```
l→ mortal-kombat git:(revert) x npm run lint
```

```
> mortal-kombat@1.0.0 lint /Users/rostik404/projects/mortal-kombat  
> eslint .
```

```
/Users/rostik404/projects/mortal-kombat/characters-factory/characters/base-character.js
```

```
  9:64  error  No magic number: 1                no-magic-numbers  
 13:34  error  Multiple spaces found before '-'   no-multi-spaces  
 13:37  error  Multiple spaces found before 'damage' no-multi-spaces  
 15:1   error  Expected indentation of 8 spaces but found 6 indent  
 19:31  error  No magic number: 0                no-magic-numbers  
 23:50  error  No magic number: 2                no-magic-numbers  
 23:54  error  No magic number: 0                no-magic-numbers
```

```
/Users/rostik404/projects/mortal-kombat/characters-factory/characters/scorpion.js
```

```
  3:7   error  '_' is assigned a value but never used no-unused-vars
```

```
/Users/rostik404/projects/mortal-kombat/characters-factory/characters/subzero.js
```

```
 10:1  error  Line 10 exceeds the maximum line length of 120 max-len
```

```
/Users/rostik404/projects/mortal-kombat/characters-factory/index.js
```

```
  9:23  error  Expected '===', and instead saw '=='  eqeqeq  
 13:23  error  Expected '===', and instead saw '=='  eqeqeq
```

```
/Users/rostik404/projects/mortal-kombat/game.js
```

```
 43:2  error  Missing semicolon  semi
```

```
/Users/rostik404/projects/mortal-kombat/index.js
```

```
  9:11  error  Parsing error: Unexpected token =>
```

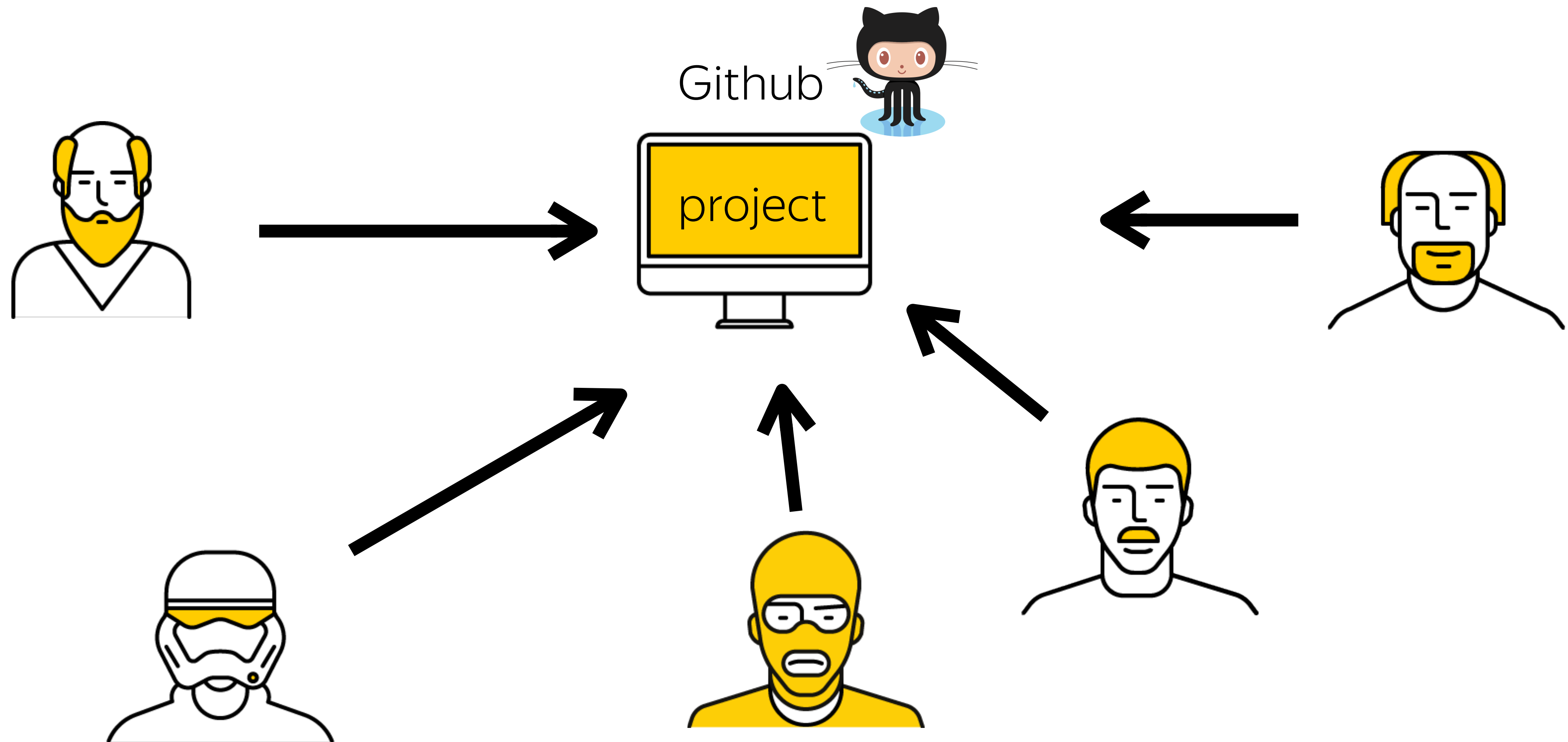
```
✖ 13 problems (13 errors, 0 warnings)
```

```
  4 errors and 0 warnings potentially fixable with the `--fix` option.
```

Зачем



Зачем?





```
'use strict';

module.exports = class SomeAwesomeClass {
  constructor(foo, bar) {
    this._foo = foo;
    this._bar = bar;
  }

  getPropsInObj() {
    return {
      foo: this._foo,
      bar: this._bar
    };
  }

  getPropsInString() {
    return `foo: ${this._foo}, bar: ${this._bar}`;
  }
};
```



```
'use strict';

module.exports = class OtherAwesomeClass {
  constructor(foo, bar) {
    this._foo = foo;
    this._bar = bar;
  }

  getPropsInObj() {
    return {
      foo: this._foo,
      bar: this._bar
    };
  }

  getPropsInString() {
    return "foo:" + this._foo + "bar:" + this._bar;
  }
};
```




Зачем?

- › Привести код к единому стилю



Зачем?

```
deepFoo() {  
  const n = 5;  
  
  for (let i = 0; i < n; i++) {  
    if (true) {  
      if (true) {  
        if (true) {  
          return this.getPropsInObj();  
        }  
      }  
    }  
  }  
}
```



undefined 2 hours ago

Member

Большая вложенность - плохо, нужно переписать этот код



null 2 hours ago

Member

Мой код - мои правила

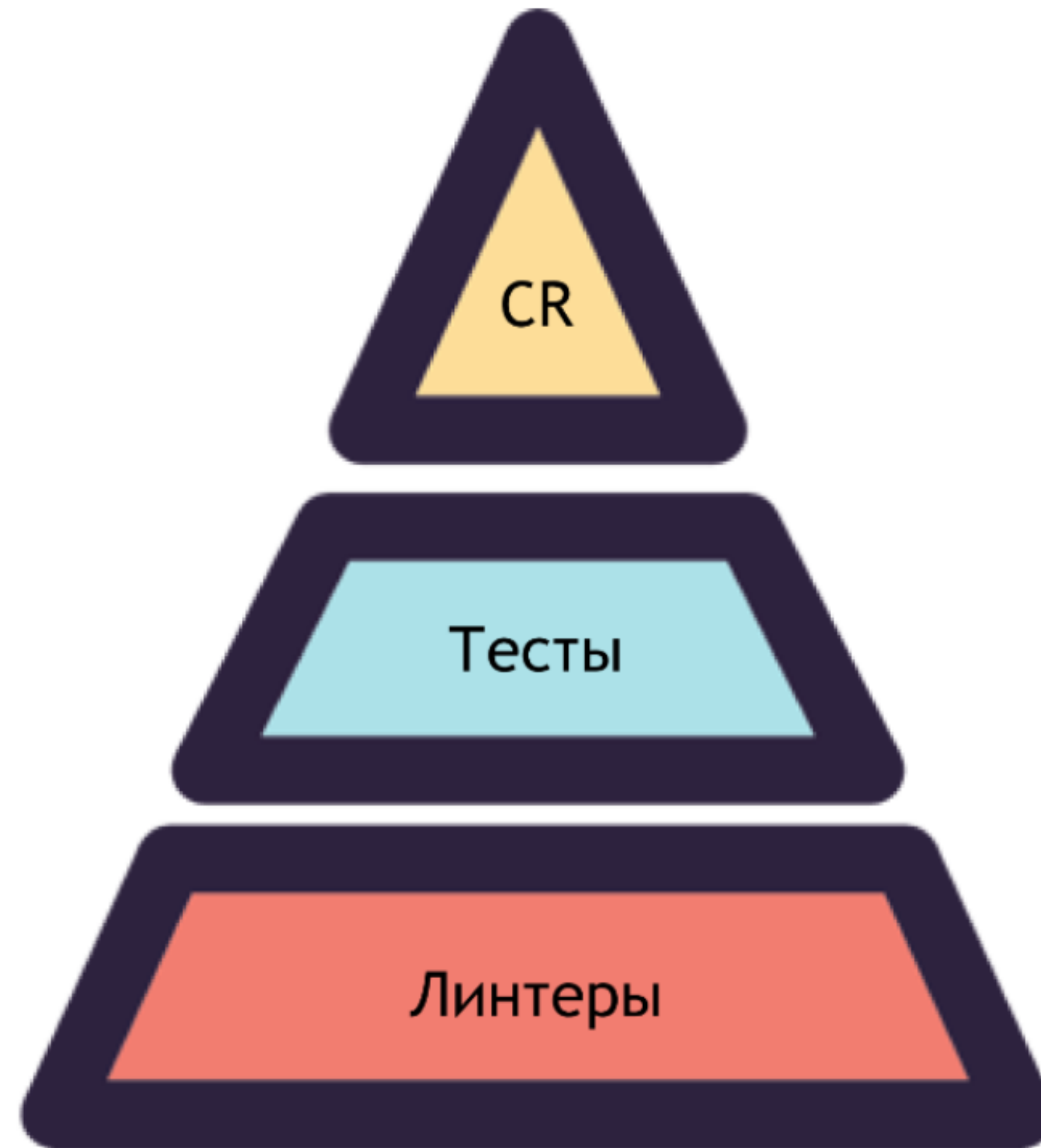


undefined 2 hours ago

Member

Вертел я твой код!

Пирамида продакшена



Зачем?

- › Привести код к единому стилю
- › Отлавливают проблемные места в коде и упрощают жизнь разработчикам

Eslint



Eslint

- › Гибко настраивается
- › Расширяем с помощью плагинов

Eslint

```
[→ mortal-kombat git:(master) x npm install eslint --save-dev  
+ eslint@5.16.0  
updated 1 package and audited 220 packages in 12.294s  
found 0 vulnerabilities
```

```
module.exports = {  
  extends: 'eslint:recommended',  
  env: {  
    es6: true,  
    node: true  
  },  
  rules: {  
  
  },  
  parserOptions: {  
    ecmaVersion: 2017  
  }  
}
```



```
'use strict';

module.exports = class SomeAwesomeClass {
  constructor(foo, bar) {
    this._foo = foo;
    this._bar = bar;
  }

  getPropsInObj() {
    return {
      foo: this._foo,
      bar: this._bar
    };
  }

  getPropsInString() {
    return `foo: ${this._foo}, bar: ${this._bar}`;
  }
};
```



```
'use strict';

module.exports = class OtherAwesomeClass {
  constructor(foo, bar) {
    this._foo = foo;
    this._bar = bar;
  }

  getPropsInObj() {
    return {
      foo: this._foo,
      bar: this._bar
    };
  }

  getPropsInString() {
    return "foo:" + this._foo + "bar:" + this._bar;
  }
};
```

Eslint

```
rules: {  
  'semi': 'error',  
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],  
  "indent": ["error", 4],  
  
  },
```



```
→ test-project ./node_modules/.bin/eslint yasli/second.js
```

```
/Users/rostitk404/projects/test-project/yasli/second.js
```

```
4:1  error  Expected indentation of 4 spaces but found 2  indent
5:1  error  Expected indentation of 8 spaces but found 4  indent
6:1  error  Expected indentation of 8 spaces but found 4  indent
7:1  error  Expected indentation of 4 spaces but found 2  indent
9:1  error  Expected indentation of 4 spaces but found 2  indent
10:1 error  Expected indentation of 8 spaces but found 4  indent
11:1 error  Expected indentation of 12 spaces but found 6  indent
12:1 error  Expected indentation of 12 spaces but found 6  indent
13:1 error  Expected indentation of 8 spaces but found 4  indent
13:6 error  Missing semicolon                             semi
14:1 error  Expected indentation of 4 spaces but found 2  indent
16:1 error  Expected indentation of 4 spaces but found 2  indent
17:1 error  Expected indentation of 8 spaces but found 4  indent
17:12 error  Strings must use singlequote                  quotes
17:33 error  Strings must use singlequote                  quotes
18:1  error  Expected indentation of 4 spaces but found 2  indent
```

```
✖ 16 problems (16 errors, 0 warnings)
```

```
16 errors, 0 warnings potentially fixable with the `--fix` option.
```

```
2
3 module.exports = class OtherAwesomeClass {
4     constructor(foo, bar) {
5         this._foo = foo;
6         this._bar = bar;
7     }
8
9     getPropsInObj() {
10        return {
11            foo: this._foo,
12            bar: this._bar
13        };
14    }
15
16    getPropsInString() {
17        return 'foo:' + this._foo + 'bar:' + this._bar;
18    }
19
20    foo() {
21        return 'some very long long long long long long long long long l
22    }
23 };
24
```

Eslint

```
rules: {  
  'semi': 'error',  
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],  
  "indent": ["error", 4],  
  'max-len': ['error', {'code': 80, 'tabWidth': 4}],  
}
```



```
[→ test-project ./node_modules/.bin/eslint yasli/third.js
```

```
/Users/rostik404/projects/test-project/yasli/third.js
```

```
21:1 error Line 21 exceeds the maximum line length of 80 max-len
```

```
✖ 1 problem (1 error, 0 warnings)
```



```
get_object() {
```

```
  const res = {};
```

```
  return {
```

```
    foo: 1
```

```
    ,bar: 2
```

```
  };
```

```
}
```

Eslint

```
rules: {  
  'semi': 'error',  
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],  
  "indent": ["error", 4],  
  
  'max-len': ['error', {'code': 80, 'tabWidth': 4}],  
  'camelcase': 'error',  
  'comma-style': ['error', 'last'],  
  'no-unused-vars': 'error',  
  
},
```

```
[→ test-project ./node_modules/.bin/eslint yasli/third.js
```

```
/Users/rostik404/projects/test-project/yasli/third.js
```

```
20:5   error   Identifier 'get_object' is not in camel case   camelcase
21:15  error   'res' is assigned a value but never used     no-unused-vars
25:14  error   ',', should be placed last                   comma-style
```

```
✖ 3 problems (3 errors, 0 warnings)
```

```
1 error, 0 warnings potentially fixable with the `--fix` option.
```

```
getObj() {  
  return {  
    foo: 1,  
    bar: 2  
  };  
}
```



```
// filterByNumber([1, 4, 3, 4], 4) => [1, 3]
filterByNumber(arr, number) {
  return arr.filter(e => e !== number);
}
```

```
// sortNumbers([1, 2, 3, 4]) => {even: [2, 4], odd: [1, 3]}
sortNumbers(arr) {
  return arr.reduce((acc, e) => {
    e % 2 == 0 ? acc.even.push(e) : acc.odd.push(e);

    console.log('DEBUG!!!', e);

    return acc;
  }, { even: [], odd: [] });
}
```

Eslint

```
rules: {  
  'semi': 'error',  
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],  
  "indent": ["error", 4],  
  
  'max-len': ['error', {'code': 80, 'tabWidth': 4}],  
  'camelcase': 'error',  
  'comma-style': ['error', 'last'],  
  'no-unused-vars': 'error',  
  'array-bracket-spacing': ['error', 'never'],  
  'eqeqeq': ['error', 'always'],  
  'no-console': ['error', {allow: ['info', 'error', 'warn']}],  
  
},
```

```
[→ test-project ./node_modules/.bin/eslint yasli/third.js
```

```
/Users/rostik404/projects/test-project/yasli/third.js
```

```
31:34  error  Expected '!==' and instead saw '!='  eqeqeq
37:19  error  Expected '===', and instead saw '=='  eqeqeq
39:13  error  Unexpected console statement          no-console
42:20  error  There should be no space after '['    array-bracket-spacing
42:30  error  There should be no space after '['    array-bracket-spacing
```

```
✖ 5 problems (5 errors, 0 warnings)
```

```
2 errors, 0 warnings potentially fixable with the `--fix` option.
```



```
// filterByNumber([1, 4, 3, 4], 4) => [1, 3]
```

```
filterByNumber(arr, number) {  
  return arr.filter(e => e !== number);  
}
```

```
// sortNumbers([1, 2, 3, 4]) => {even: [2, 4], odd: [1, 3]}
```

```
sortNumbers(arr) {  
  return arr.reduce((acc, e) => {  
    e % 2 === 0 ? acc.even.push(e) : acc.odd.push(e);  
  
    return acc;  
  }, { even: [], odd: [] });  
}
```



```
// reverseIncAndMultiple([1, 2, 3], 2, 'str', false) => ['str 4', 'str 6', 'str 8']
reverseIncAndMultiple(arr, multipleCoeff, additionalString, reverse) {
  let formattedArray = reverse ? arr : _.reverse(arr);

  return formattedArray.map(e => `${additionalString} ${e + 1} * multipleCoeff`);
}
```

Eslint

```
rules: {
  'semi': 'error',
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],
  "indent": ["error", 4],

  'max-len': ['error', {'code': 80, 'tabWidth': 4}],
  'camelcase': 'error',
  'comma-style': ['error', 'last'],
  'no-unused-vars': 'error',
  'array-bracket-spacing': ['error', 'never'],
  'eqeqeq': ['error', 'always'],
  'no-console': ['error', {allow: ['info', 'error', 'warn']}],
  'max-params': ['error', 3],
  'no-magic-numbers': 'error',
  'no-multi-spaces': ['error', {ignoreEOLComments: true}],
},
```

```
deepFoo() {  
  const n = 5;  
  
  for (let i = 0; i < n; i++) {  
    if (true) {  
      if (true) {  
        if (true) {  
          return this.getPropsInObj();  
        }  
      }  
    }  
  }  
}
```

Eslint

```
rules: {
  'semi': 'error',
  'quotes': ['error', 'single', {'allowTemplateLiterals': true}],
  "indent": ["error", 4],

  'max-len': ['error', {'code': 80, 'tabWidth': 4}],
  'camelcase': 'error',
  'comma-style': ['error', 'last'],
  'no-unused-vars': 'error',
  'array-bracket-spacing': ['error', 'never'],
  'eqeqeq': ['error', 'always'],
  'no-console': ['error', {allow: ['info', 'error', 'warn']}],
  'max-params': ['error', 3],
  'no-magic-numbers': 'error',
  'no-multi-spaces': ['error', {ignoreEOLComments: true}],
  'max-depth': ['error', 3],
},
```



```
[→ test-project ./node_modules/.bin/eslint yasli/first.js
```

```
/Users/rostik404/projects/test-project/yasli/first.js
```

```
27:21 error Blocks are nested too deeply (4) max-depth
```

```
✖ 1 problem (1 error, 0 warnings)
```

Демо



Секретный конфиг инфраструктуры

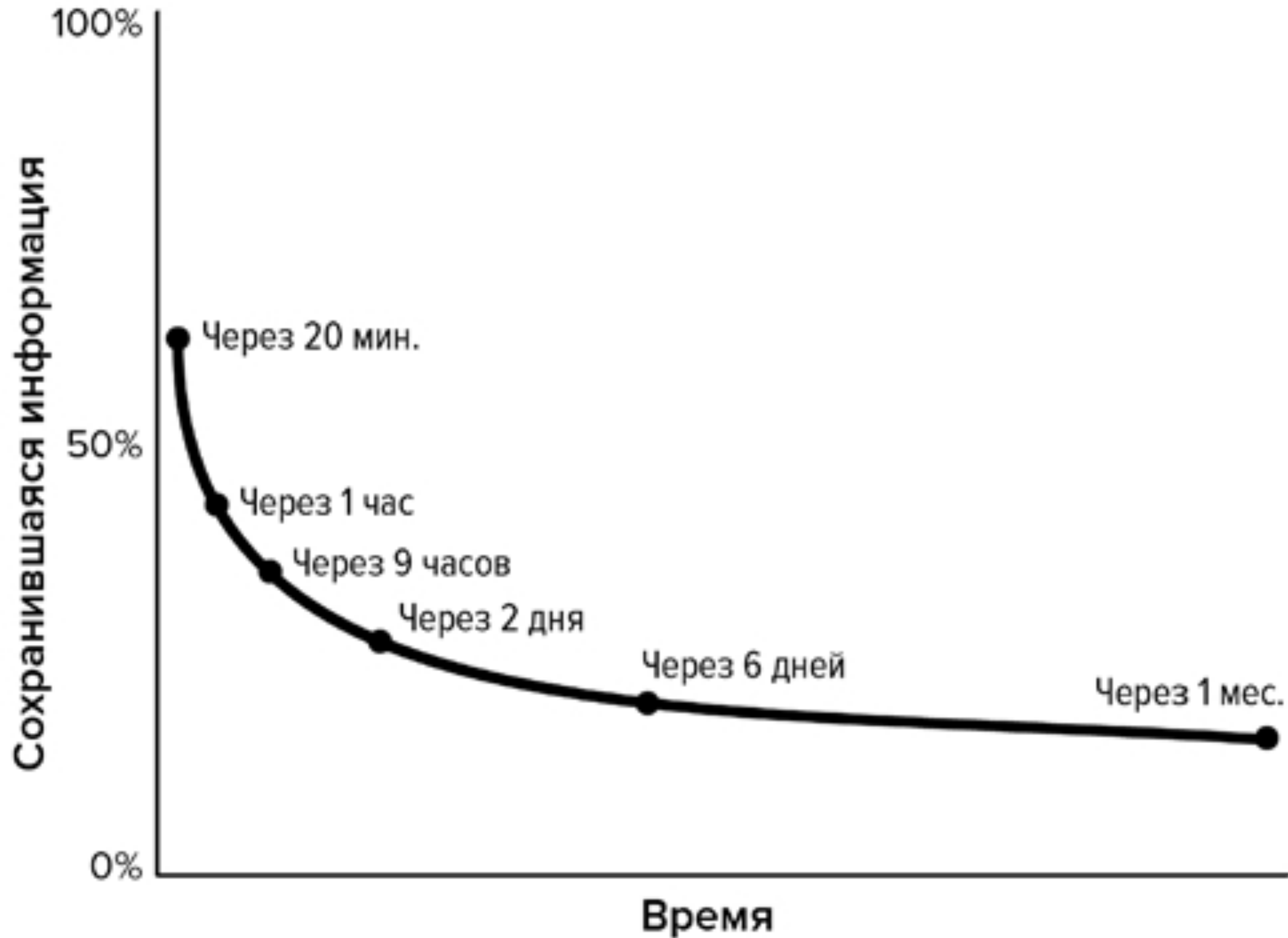


Краткие тезисы

- › Линтеры позволяют сохранять единый стиль кода в вашем проекте, а также облегчают жизнь разработчикам, которые ревьюют код
- › git-хуки позволяют выполнять действия на определенные события (прекоммит, препуш)
- › Не стоит рассчитывать на добросовестность разработчиков, лучше настроить автоматический запуск линтеров, используя гит хуки

Что дальше?





Что дальше?

- › Роберт Мартин — Чистый Код
- › Мартин Фаулер — Рефакторинг
- › <https://github.com/rostik404/mortal-kombat>
- › ~~Гуглить~~ Искать в Яндексе информацию по ключевым словам со следующего слайда

Ключевые слова

- › Линтеры
- › git хуки
- › кодстайл
- › Чистый код
- › Рефакторинг
- › eslint
- › husky

Спасибо!

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