

Lint it or it didn't matter

Comprehensive guide into nitpicking

How to annoy your colleagues... professionally!



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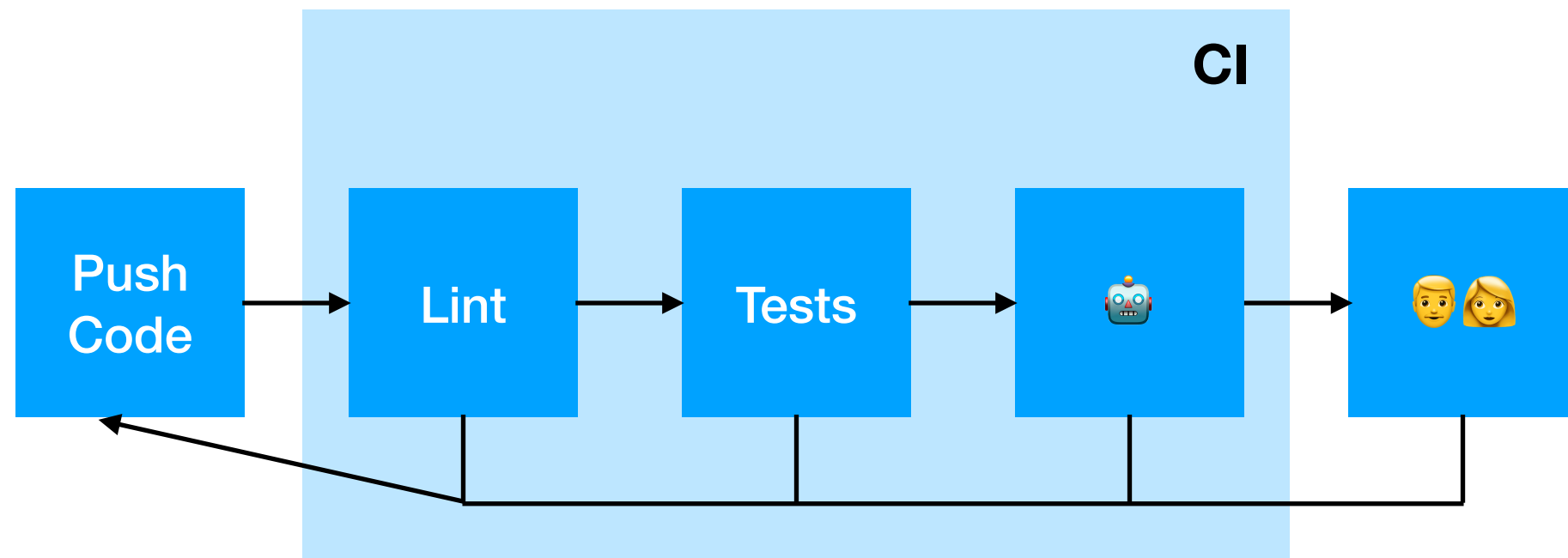


jukben requested changes 26 days ago

jukben left a comment

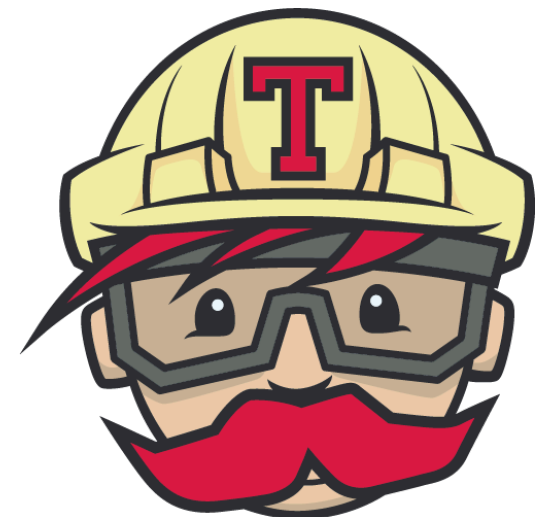



Please write a clean code ;)





Continuous integration is a software development strategy that increases the speed of development while ensuring the quality of the code. Developers continually commit small increments of code (at least daily, or even several times a day), which is then automatically built and tested before it is merged with the shared repository.

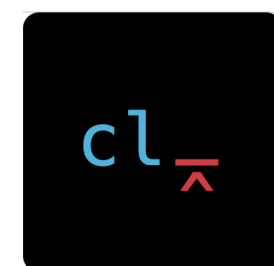




```
version: 2
jobs:
  build:
    working_directory: ~/mern-starter
    docker:
      - image: circleci/node:4.8.2
      - image: mongo:3.4.4
    steps:
      - checkout
      - run:
          name: update-npm
          command: 'sudo npm install -g npm@5'
      - restore_cache:
          key: dependency-cache-{{ checksum "package.json" }}
      - run:
          name: install-npm-wee
          command: npm install
      - save_cache:
          key: dependency-cache-{{ checksum "package.json" }}
          paths:
            - ./node_modules
      - run:
          name: test
          command: npm test
      - run:
          name: code-coverage
          command: './node_modules/.bin/nyc report --reporter=text-lcov'
      - store_artifacts:
          path: test-results.xml
          prefix: tests
      - store_artifacts:
          path: coverage
          prefix: coverage
      - store_test_results:
          path: test-results.xml
```

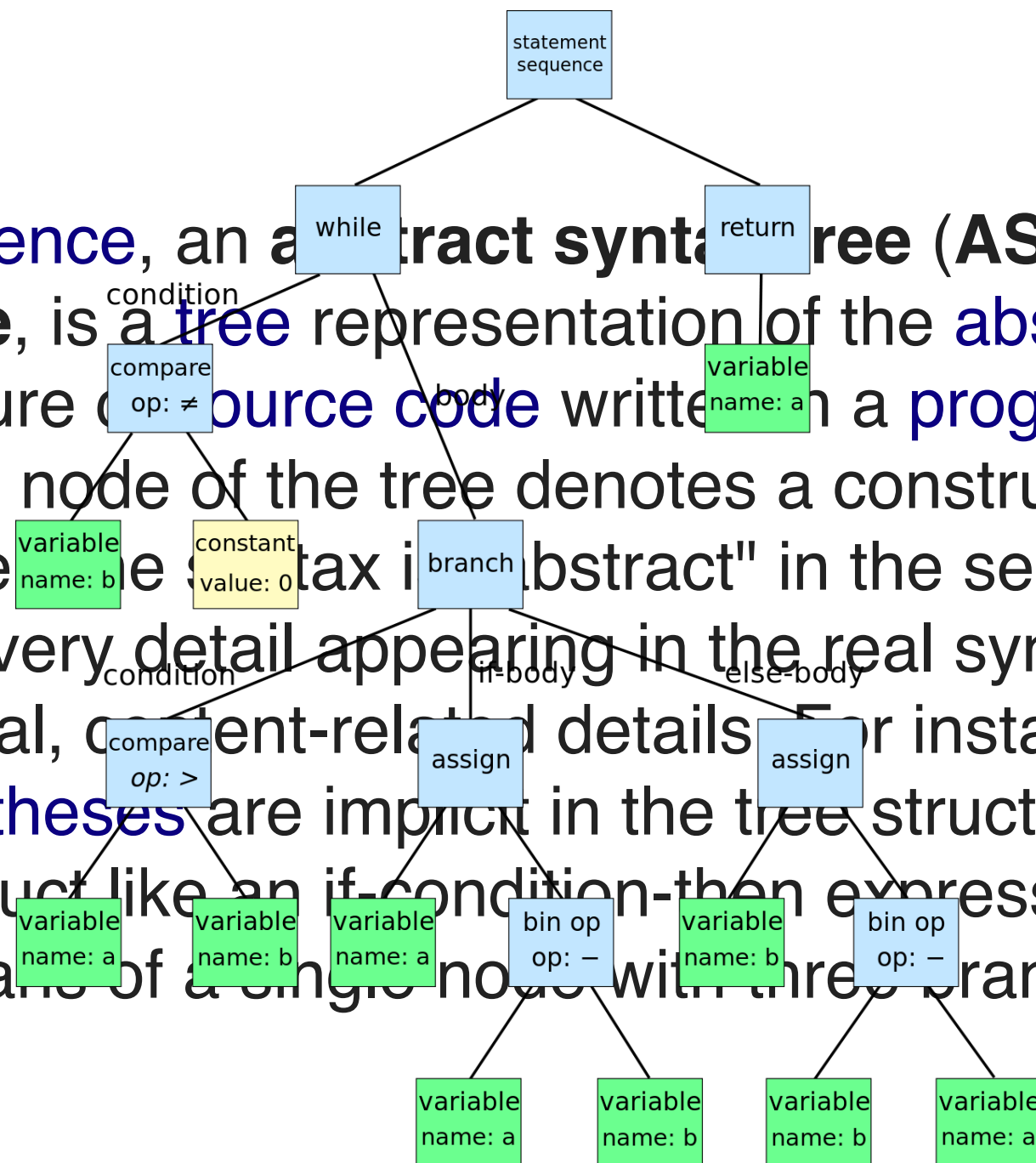
Lint

Lint , or a code to find errors, and originate language		lint	source stylistic term ed C	
Initial release	1978; 41 years ago			
Written in	C language			
Operating system	Cross-platform			
Available in	English			
Type	Static program analysis tools			

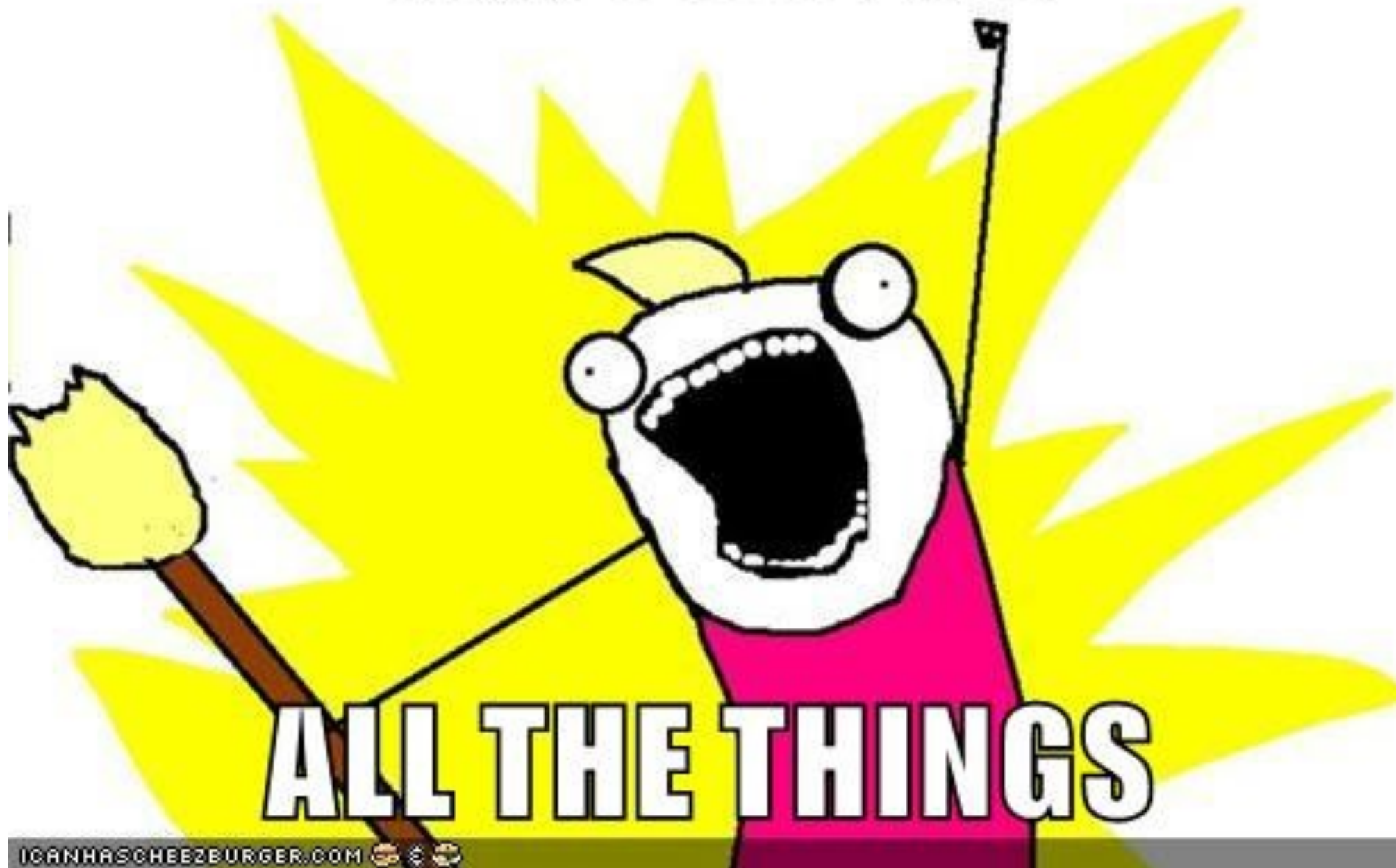


AST

In computer science, an **abstract syntax tree (AST)**, or just **syntax tree**, is a tree representation of the abstract syntactic structure of source code written in a programming language. Each node of the tree denotes a construct occurring in the source code. The syntax is "abstract" in the sense that it does not represent every detail appearing in the real syntax, but rather just the structural, content-related details. For instance, grouping **parentheses** are implicit in the tree structure, and a syntactic construct like an if-condition-then expression may be denoted by means of a single node with three branches.



TypeScript




ALL THE THINGS

ONE DOES NOT SIMPLY

WRITE CODE WITHOUT LET

```
- SourceFile {
  - statements: [
    + VariableStatement {flags, kind, declarationList, modifierFlagsCache}
    - VariableStatement {
      flags: 0
      kind: 219
      - declarationList: VariableDeclarationList {
        flags: 1
        kind: 238
        - declarations: [
          + VariableDeclaration {flags, kind, name, initializer}
        ]
      }
    ]
  + endOfFileToken: EndOfFileToken {flags, kind}
}
```






```
export class Rule extends Lint.Rules.AbstractRule {  
    public static NONONO = `NONONONO, we don't do this here!`;   
  
    public apply(sourceFile: ts.SourceFile): Array<Lint.RuleFailure> {  
        return this.applyWithWalker(  
            new NoLet(sourceFile, this.getOptions()),  
        );  
    }  
}
```


```
1 // NONONONO, we don't do this here! (at 2:1)  
2   let b = "bar";  
3 // ^
```


```
        this.addFailure(  
            this.createFailure(node.getStart(), node.getWidth(), Rule.NONONO),  
        );  
    }  
  
    super.visitVariableDeclarationList(node);  
}  
}
```


AST Explorer


 Snippet





 JavaScript

 typescript



 Transform

 default



Parser: [typescript-3.2.4](#)
Transformer: [tslint-5.8.0](#)

1 `const a = "foo";`

2 `let b = "bar";`

3

Tree

JSON

19ms

☒ Autofocus

☒ Hide methods

☒ Hide empty keys

☒ Hide location data

☒ Hide type keys

```
flags: 0
kind: 219
- declarationList: VariableDeclarationList {
  flags: 1
  kind: 238
  - declarations: [
    + VariableDeclaration {flags, kind, name,
      initializer}
  ]
}
```

1 `export class Rule extends Lint.Rules.AbstractRule {`

2 `public static NONONO = `NONONONO, we don't do this here!`;`

3

4 `public apply(sourceFile: ts.SourceFile): Array<Lint.RuleFailur`

5 `return this.applyWithWalker(`

6 `new NoLet(sourceFile, this.getOptions()),`

7 `);`

8 `}`

9 `}`

10

11 `class NoLet extends Lint.RuleWalker {`

12 `public visitVariableDeclarationList(node: ts.VariableDeclarati`

13 `if (node.flags === 1){`

14 `this.addFailure(`

15 `this.createFailure(node.getStart(), node.getWidth(), Rul`

16 `);`

17 `}`

18

19 `super.visitVariableDeclarationList(node);`

20 `}`


21 `}`

22

1 `// NONONONO, we don't do this here! (at 2:1)`

2 `let b = "bar";`

3 `// ^`

 Prettier

Built with [React](#), [Babel](#), [Font Awesome](#), [CodeMirror](#), [Express](#), and [webpack](#) | [GitHub](#)


Danger.js

- **Danger runs during your CI process, and gives teams the chance to automate common code review chores. You can use Danger to codify your teams norms. Leaving humans to think about harder problems.**




DangerCI commented • edited

Fails




ESLint has failed with 2 failed files.

Warnings



You have not included a CHANGELOG entry.

Messages



You have added 2 more modules to the app

New module Danger

Author: Orta Therox

Description: Unit tests for Team Culture

Homepage: <https://github.com/danger/danger-js#readme>

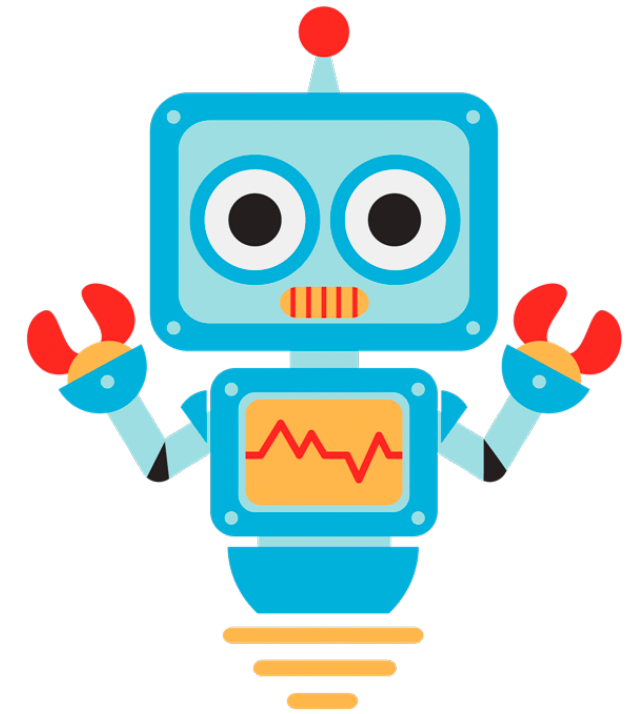
Created	about 1 year ago
Last Updated	6 days ago
License	MIT



```
const bigPRThreshold = 500;  
if (danger.github.pr.additions + danger.github.pr.deletions > bigPRThreshold) {  
  warn(':exclamation: Big PR');  
}
```

Probot

- Probot is a framework for building GitHub Apps in Node.js, written in TypeScript.
- A lot of pre-built apps



Update README.md #16

[Open](#) gr2m wants to merge 1 commit into `master` from `skippy-was-here`

[Conversation](#) 0 [Commits](#) 1 [Checks](#) 1 [Files changed](#) 1



gr2m commented 28 seconds ago

Member + 😊 ...

No description provided.

[Update README.md](#)

Verified ✓ e4e3d7a

Add more commits by pushing to the `skippy-was-here` branch on `wip/sandbox`.



All checks have passed

1 successful check

[Show all checks](#)



This branch has no conflicts with the base branch when rebasing

Rebase and merge can be performed automatically.

[Update branch](#)

[Rebase and merge](#)

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



Write

Preview

AA B i “ < > 🔗 ☰ ☷ ✓ @ 📌 ↩


Leave a comment

GitHub Actions


- **workflows can be triggered by GitHub platform events (i.e. push, issue, release) and can run a sequence of serial or parallel actions in response.**
- **configure as code**
- **public beta**
- **executes in Docker container**

GitHub Action that opens a pull request following an npm audit fix --force

Automatic audit of npm vulnerabilities (21 fixed) #87

 **Open** github-actions wants to merge 1 commit into `master` from `audit-fixer-2a38153`

Conversation 0 Commits 1 Checks 2 Files changed 1




 github-actions bot commented 24 seconds ago

npm audit fix

A total of 21 vulnerabilities have been found and fixed. 🚀

Severity	Count
info	0
low	11
moderate	2
high	8
critical	0

These vulnerabilities were found by running `npm audit fix --force` in the root directory of your repository.

  Fix 21 npm vulnerabilities ...  fe49494

<https://github.com/JasonEtco/npm-audit-fix-action>

Custom solution

and shameless plugs :)

- Custom build bot – Node.js powered by Now by Zeit
- Build for <https://github.com/webscopeio/react-textarea-autocomplete>

react-textarea-autocomplete



Enhanced textarea to achieve autocomplete functionality.



jukben 20 hours ago <>

Collaborator



(bot)

Hey! Thank you so much for your PR! I can see that everything is green 🙌.

[Here is the playground for this revision](#) 🚀

I hope everything is fine! ❤️

man_singer: 🐶

<https://github.com/jukben/rta-bot>



https://github.com/productboardlabs/tslint-pb

productboardlabs / tslint-pb ✓

Unwatch 3

Star 1

Fork 0

<> Code

Issues 4

Pull requests 0

Wiki

Releases 6

More ▾

Settings

Our own custom TSLint rules. What has been seen, cannot be unseen.

Edit

Manage topics

25 commits

1 branch

6 releases

2 contributors

MIT

Branch: master ▾

Create new file

Find file

Clone or download ▾

jukben v2.0.0

Latest commit f852645 3 days ago ▾

.circleci	Added CircleCI (#2)	26 days ago
scripts	Added credits to the test-script	27 days ago
src/rules	Enforce no-implicit any in the codebase (#18)	6 days ago
test/rules	rename check-unused-selectors to check-unused-flux-dependencies (#16)	7 days ago
.gitignore	rename check-unused-selectors to check-unused-flux-dependencies (#16)	7 days ago
LICENSE	Added LICENSE	28 days ago
MAINTAINERS.md	Sort Flux dependency (#11)	8 days ago
README.md	rename check-unused-selectors to check-unused-flux-dependencies (#16)	7 days ago
package.json	v2.0.0	3 days ago
tsconfig.json	Enforce no-implicit any in the codebase (#18)	6 days ago
tslint-pb.json	rename check-unused-selectors to check-unused-flux-dependencies (#16)	7 days ago
yarn.lock	update yarn lock (#17)	7 days ago

Productboard's TSLint Rules

These are highly experimental rules we are trying to use in our daily life to help maintain code more effectively. Because the rules are tied to our codebase, it will probably be very difficult to use them in your project. However, you can definitely take a look! 🙌

Rules



code-bot requested changes 26 days ago

code-bot left a comment



Please write a clean code. You have failing tests. Failing TSLint. Failing commitlint. You have forgot to add PR description. The build itself failed because you have used any, or you haven't use any, not sure. You are disgrace of your family. Calm your tits, i'm robot and you are my author.

Thanks! Questions?



@jukben



@jukben

<https://jukben.cz>



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