

project-tech

Docs, Git & Building

lab 2/8

*Show what
you did*

Stand-up!

issues

feedback

- ❖ Dubbelcheck je **linkjes** in je issue
- ❖ Maak **geen mapjes per vak**
- ❖ **Gebruik een .gitignore** om files te negeren
- ❖ Er is een **template voor de wiki**
- ❖ Nog niet iedereen had **een license in z'n repo**
- ❖ Nog niet iedereen had **requirements list of wireframes**
- ❖ **Concepten** versus **features**; maak het specifiek
- ❖ Concepten kunnen hier en daar nog **wat spannender**

issues

feedback

- ❖ Dubbelcheck je **linkjes** in je issue
- ❖ Maak **geen mapjes per vak**
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Note: Features die ik je kan ***afraden***;
chatten, inlog, registreren

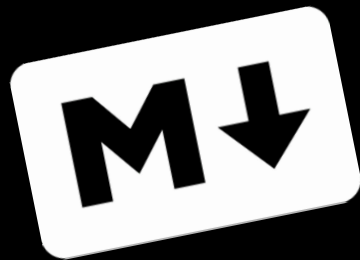
today

~~I. Stand-up~~

II. Docs & Markdown

III. Git & CLI

IV. Building



Docs

markdown

description

Markdown is a lightweight **markup language** for creating formatted text using a plain-text editor. [...] Markdown is widely used in blogging, collaborative software and documentation pages.

wikipedia.org



~/example.md

Level 1 heading

Level 2 heading

Level 3 heading

Level 5 heading

Level 6 heading

A normal paragraph

- * An
- * Unordered
- * List

1. An
2. Ordered
3. List



~/example.html

```
<h1>Level 1 heading</h1>
```

```
<h2>Level 2 heading</h2>
```

```
<h3>Level 3 heading</h3>
```

```
<h4>Level 5 heading</h4>
```

```
<h5>Level 6 heading</h5>
```

```
<p>A normal paragraph</p>
```

```
<ul>
```

```
  <li>An</li>
```

```
  <li>Unordered</li>
```

```
  <li>List</li>
```

```
</ul>
```

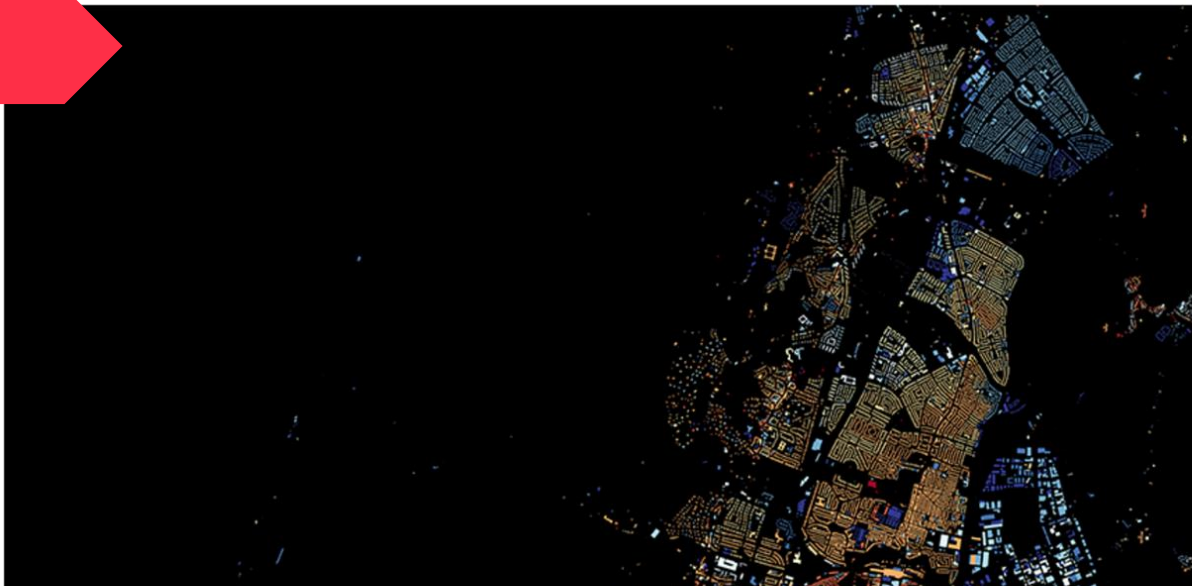


Buildings by year of construction

View map on <http://code.waag.org/buildings>.

Map showing all 9,866,539 buildings in the Netherlands, shaded according to year of construction. Data from BAG, via CitySDK. Map made with TileMill by Bert Spaan, Waag Society, inspired by BKLYNR.

readme.md



GitHub, Inc. github.com/nodejs/node/pull/15428

This repository Search Pull requests Issues Marketplace Explore

nodejs / node Watch 2,406 Unstar 39,275 Fork 7,939

Code Issues 584 Pull requests 202

src: prepare platform for upstream V8 changes #15428

Open addaleax wants to merge 1 commit into nodejs:master from addaleax:fix-node-platform

Conversation 7 Commits 1 Files changed 3 +32 -8

addaleax commented 19 hours ago Owner

V8 platform tasks may schedule other tasks (both background and foreground), and may perform asynchronous operations like resolving Promises.

To address that:

- Run the task queue drain call inside a callback scope. This makes sure asynchronous operations inside it, like resolving promises, lead to the microtask queue and any subsequent operations not being silently forgotten.
- Move the task queue drain call before `EmitBeforeExit()` and only run `EmitBeforeExit()` if there is no new event loop work.
- Account for possible new foreground tasks scheduled by background tasks in `DrainBackgroundTasks()`.

Checklist

- ☒ `make -j4 test` (UNIX), or `vcbuild test` (Windows) passes
- ☐ ~~tests and/or benchmarks are included~~ (no, because right now everything still works without this – in the future, some things like WASM would fail otherwise)

Reviewers

- jasnell
- matthewloring
- fhinkel

Assignees

No one assigned

Labels

- C++
- V8 Engine

Projects

None yet

Milestone

Issues, pull request, releases

Assignment ($\pm 20m$)

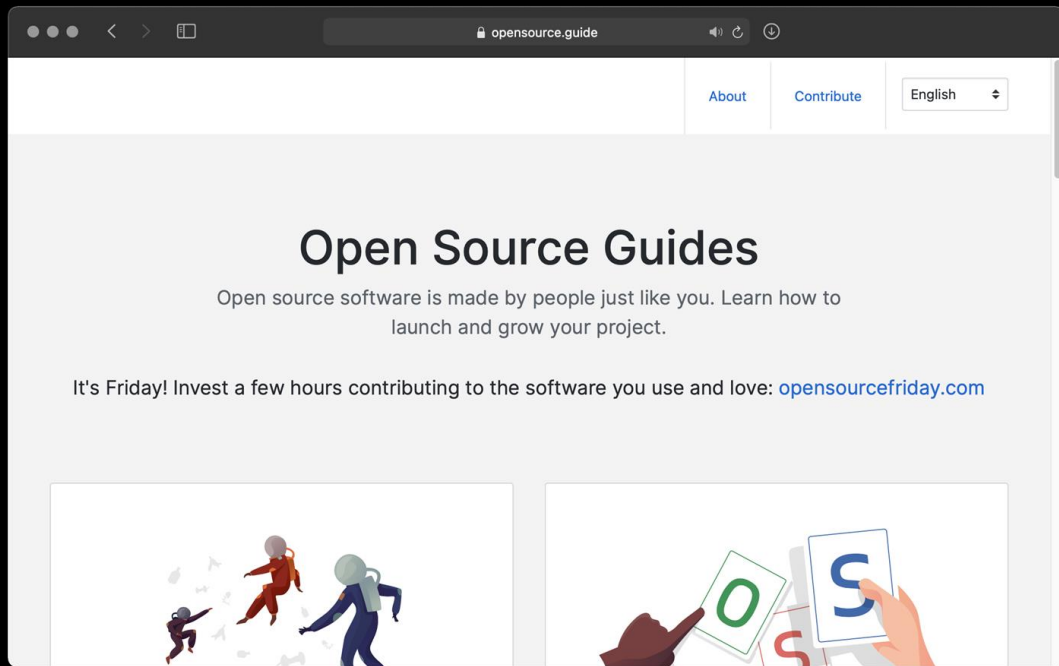


Search for popular repository on GitHub and look at their readme's.

- What do they all have in common?
- How are they structured?

docs

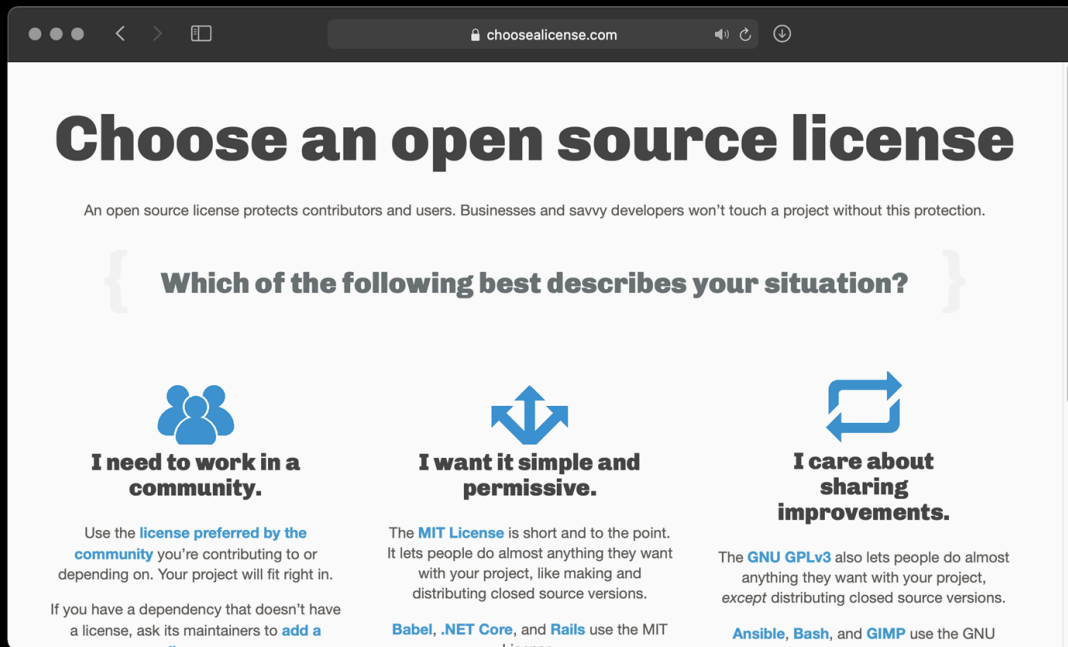
community



Community Files; `opensource.guide`s

docs


open

A screenshot of the choosealicense.com website. The browser's address bar shows the URL. The main heading is "Choose an open source license". Below it is a subheading: "An open source license protects contributors and users. Businesses and savvy developers won't touch a project without this protection." A large curly brace contains the question "Which of the following best describes your situation?". There are three columns, each with an icon and a heading. The first column has a group of people icon and the heading "I need to work in a community." The second column has a double-headed arrow icon and the heading "I want it simple and permissive." The third column has a circular arrow icon and the heading "I care about sharing improvements." Each column contains a paragraph of text and a list of example projects at the bottom.

Choose an open source license

An open source license protects contributors and users. Businesses and savvy developers won't touch a project without this protection.

Which of the following best describes your situation?




I need to work in a community.

Use the [license preferred by the community](#) you're contributing to or depending on. Your project will fit right in.

If you have a dependency that doesn't have a license, ask its maintainers to [add a license](#).


[Babel](#), [.NET Core](#), and [Rails](#) use the MIT License.



I want it simple and permissive.

The [MIT License](#) is short and to the point. It lets people do almost anything they want with your project, like making and distributing closed source versions.

[Babel](#), [.NET Core](#), and [Rails](#) use the MIT License.



I care about sharing improvements.

The [GNU GPLv3](#) also lets people do almost anything they want with your project, except distributing closed source versions.

[Ansible](#), [Bash](#), and [GIMP](#) use the GNU License.

choosealicense.com

docs

open-source

Open source is a source code that is made freely available for possible modification and redistributions. Products include permission to use the source code.

[wikipedia.org](https://en.wikipedia.org)



docs

gratis


The English adjective free is commonly used one of two meanings; “for free” (gratis) and “with little or no restriction” (libre).

Think free as in free speech, not free beer.




[wikipedia.org](https://en.wikipedia.org/wiki/Free_as_in_free_speech)

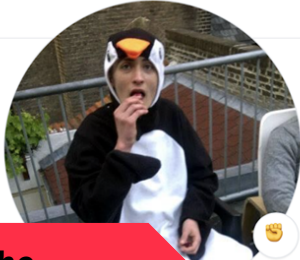


Support the
maintainers



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)



WOOORM


Making it easier for developers to develop · core team @unifiedjs · full-time OSS · syntax trees, markdown, markup, natural language 🐧

Unfollow

1.6k followers · 430 following · 1.2k


[Overview](#) [Repositories](#) 169 [Projects](#) [Packages](#) [Sponsoring](#) 6

Pinned

 [micromark/micromark](#)


the smallest commonmark compliant markdown parser that exists; new basis for @unifiedjs (hundreds of projects w/ billions of downloads for dealing w/ content)

JavaScript 757 22

 [micromark/common-markup-state-machine](#)


CMSM: Common markup state machine

JavaScript 29

 [unifiedjs/unified](#)


interface for parsing, inspecting, transforming, and serializing content through syntax trees

JavaScript 2.4k 70

 [remarkjs/remark](#)


Markdown processor powered by plugins part of the @unifiedjs collective

JavaScript 3.7k 240

 [retextjs/retext](#)


natural language processor powered by plugins part of the @unifiedjs collective

JavaScript 2k 102

 [rehypejs/rehype](#)

HTML processor powered by plugins part of the @unifiedjs collective

JavaScript 604 37



Git

GitHub, Inc. github.com/nodejs/node

This repository Search Pull requests Issues Marketplace Explore

nodejs / node Watch 2,406 Unstar 39,275 Fork 7,939

Code Issues 584 Pull requests 202

Node.js JavaScript runtime 🌟🐼🚀🌟 <https://nodejs.org>

18,833 commits 128 branches 443 releases 1,519 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

	Latest commit b0d3bec 28 days ago
	doc: fix commit guideline url 4 months ago
	benchmark: provide default methods for assert 11 hours ago
	deps: cherry-pick 9b21865822243 from V8 upstream 14 hours ago
deps	assert: use Same-value equality in deepStrictEqual 7 hours ago
doc	assert: use Same-value equality in deepStrictEqual 7 hours ago
lib	module: coverity fixes for ESM C++ 11 hours ago
src	assert: use Same-value equality in deepStrictEqual 7 hours ago
test	test: fix single test runner regression 4 days ago
tools	tools: disallow trailing whitespace for markdown 10 months ago
.editorconfig	test: remove disabled tests directory 2 months ago
.eslintignore	module: Allow runMain to be ESM 9 days ago
.eslintrc.yaml	src: limit .gitattributes eol to vcbuild.bat 3 years ago
.gitattributes	

Use the **web interface** for version control

Use a **GUI** for
version control

Current Repository
desktop

Current Branch
esc-pr #3972

Fetch origin
Last fetched 3 minutes ago

Changes

History

Appease linter
 iAmWillShepherd committed a day ago

Add event handler to dropdown com...
 iAmWillShepherd and Markus Olsson...

Move escape behavior to correct co...
 iAmWillShepherd and Markus Olsson...

Remove event handler from the bran...
 iAmWillShepherd and Markus Olsson...

...to esc-pr
 iAmWillShepherd committed a day ago

...4044 from des...
 Neha Batra committed a day ago

Merge pull request #4070 from desk..
 Brendan Forster committed 2 days ago

bump to beta3
 Brendan Forster committed 2 days ago

Merge pull request #4057 from desk..
 Brendan Forster committed 2 days ago

Merge pull request #4067 from desk..
 Brendan Forster committed 2 days ago

Release to 1.1.0-beta2
 Neha Batra committed 2 days ago

Add event handler to dropdown component
 iAmWillShepherd and Markus Olsson committed c79e71c 1 changed file
Co-Authored-By: Markus Olsson <niiik@users.noreply.github.com>

app/src/ui/t.../dropdown.tsx

			@@ -145,6 +145,10 @@ export class ToolbarDropdown extends React.Component<
			this.state = { clientRect: null }
			}
			+ private get isOpen() {
			+ return this.props.dropdownState === 'open'
			+ }
			+
			private dropdownIcon(state: DropdownState): OcticonSym
			bol {
			// @TODO: Remake triangle octicon in a 12px version,
			// right now it's scaled badly on normal dpi monitor
			s.
			@@ -249,6 +253,13 @@ export class ToolbarDropdown extends
			React.Component<
			}
			}
			+ private onFoldoutKeyDown = (event:
			React.KeyboardEvent<HTMLInputElement>) => {
			+ if (!event.defaultPrevented && this.isOpen &&
			event.key === 'Escape') {
			+ event.preventDefault()
			+ this.props.onDropdownStateChanged('closed', 'keybo
			ard')



bash

```
[examples] $ git init
```

```
Initialized empty Git repository in  
/Users/tilde/projects/oss/examples/.git/
```

```
[examples] $ echo "Hello World!" > readme.md
```

```
[examples] $ git add --all
```

```
[examples] $ git commit --message "Add readme"
```

Use the **CLI** for
version control

```
commit (root-commit) 0ee1887] Add readme  
1 file changed, 1 insertion(+)  
create mode 100644 readme.md
```

```
[examples] $
```



git

cli

Benefits of using the CLI;

- ❖ **Faster**; and developers like speed
- ❖ **Integration**; often integrated into the editor
- ❖ **Possibilities**; commands and options

Last login: Fri Jan 22 09:29:05 on co

~

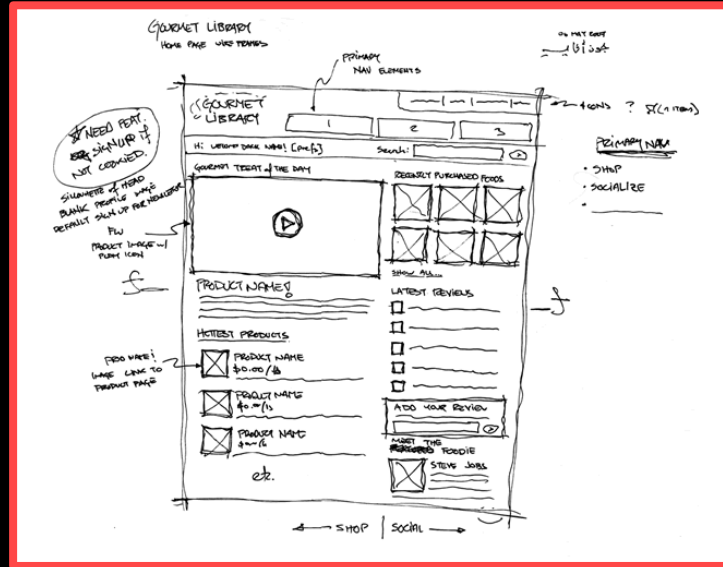
→ echo "danny is gek"
danny is gek

~

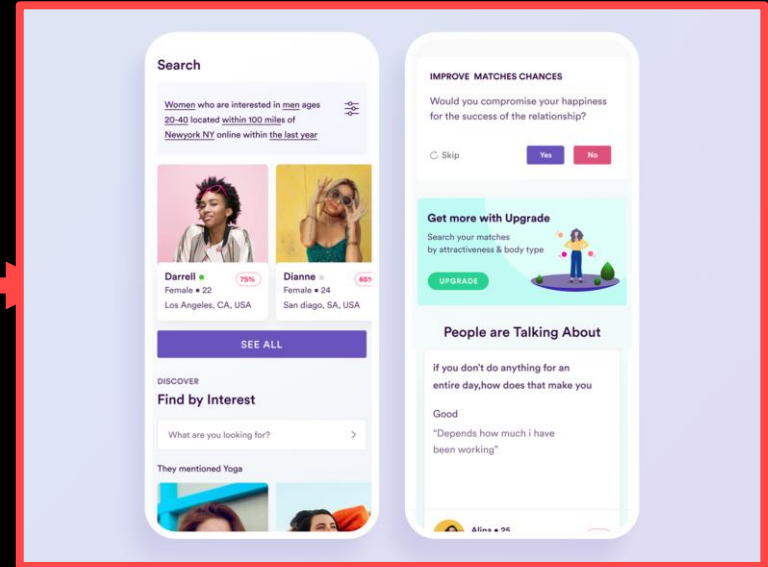
→

live demo **Git Terminal**

Building



wireframe



prototype

feature

static

1. Turn your wireframe into static HTML pages

Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

Note: Use the templating engine from back-end. So no 'plain' old HTML. Otherwise you'll have to re-write everything later.

feature

design

2. As presentational styles

Use CSS to set-up some basic styles. Think about colors, fonts, lay-out etc.

feature

states

3. Add states and interactivity

Make it feel like an actual webpage. Add states to interactive elements like forms, buttons etc. Maybe some animation?

building



Start building out the interface (html & css) of your matching-app feature.

Synopsis

- **Time:** 6:00h
- **Due:** before week 3

Assignment

Based on the concept, job story, requirement list and wireframe from the previous week start building out the front-end of the feature you are going to make for the matching-application. You can build the interface with the **templating engine** as you learned in back-end as opposed to 'plain' HTML & CSS.

- Turn your wireframe **into HTML pages**. Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

work on **docs, git & building**

building



Start building out the interface (html & css) of your matching-app feature.

Synopsis

- Time: 6:00h
- Due: before week 3

Assignment

Note: Don't forget to document your research (**git strategy**) in the wiki



exit;

see you in lab-3!