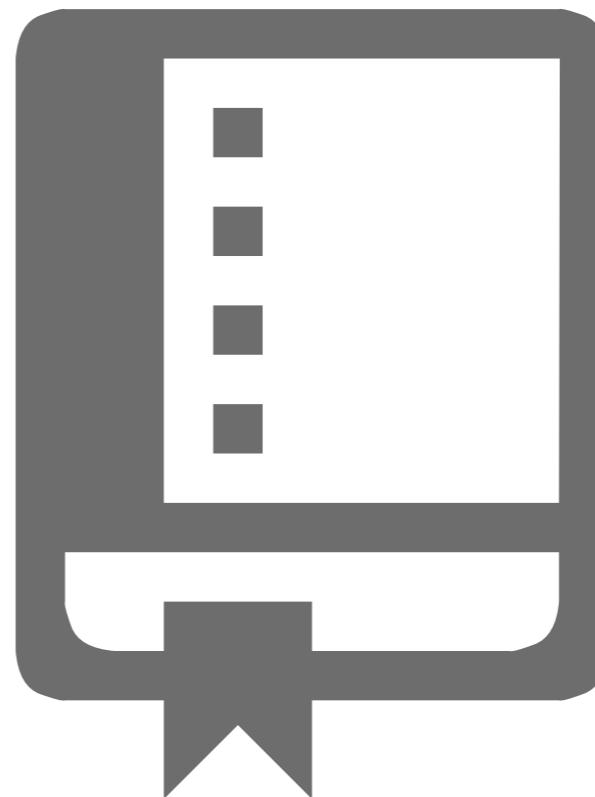


Jessica Lord

GitHub

github/jlord



# Node.js

JavaScript on servers.

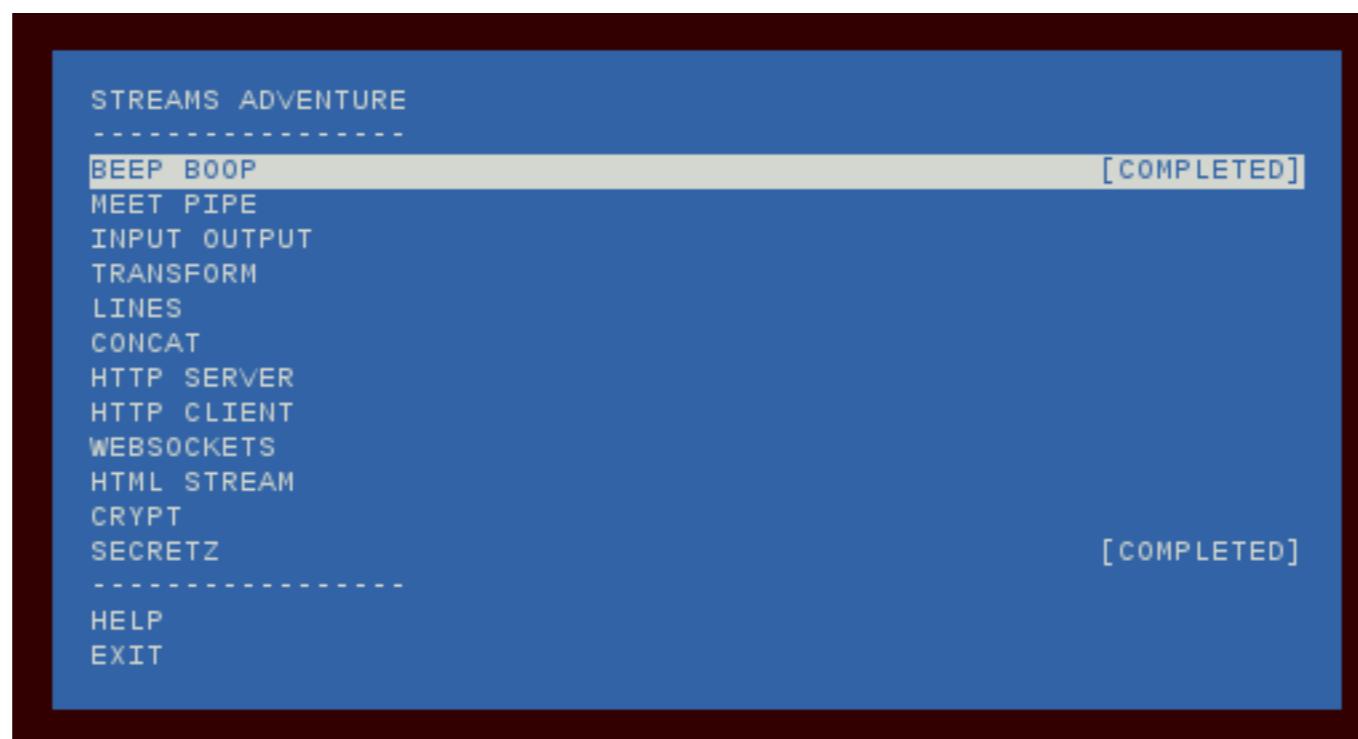
NPM for packages/modules  
– client-side and server-side!

Async and ❤ I/O

Way back when —

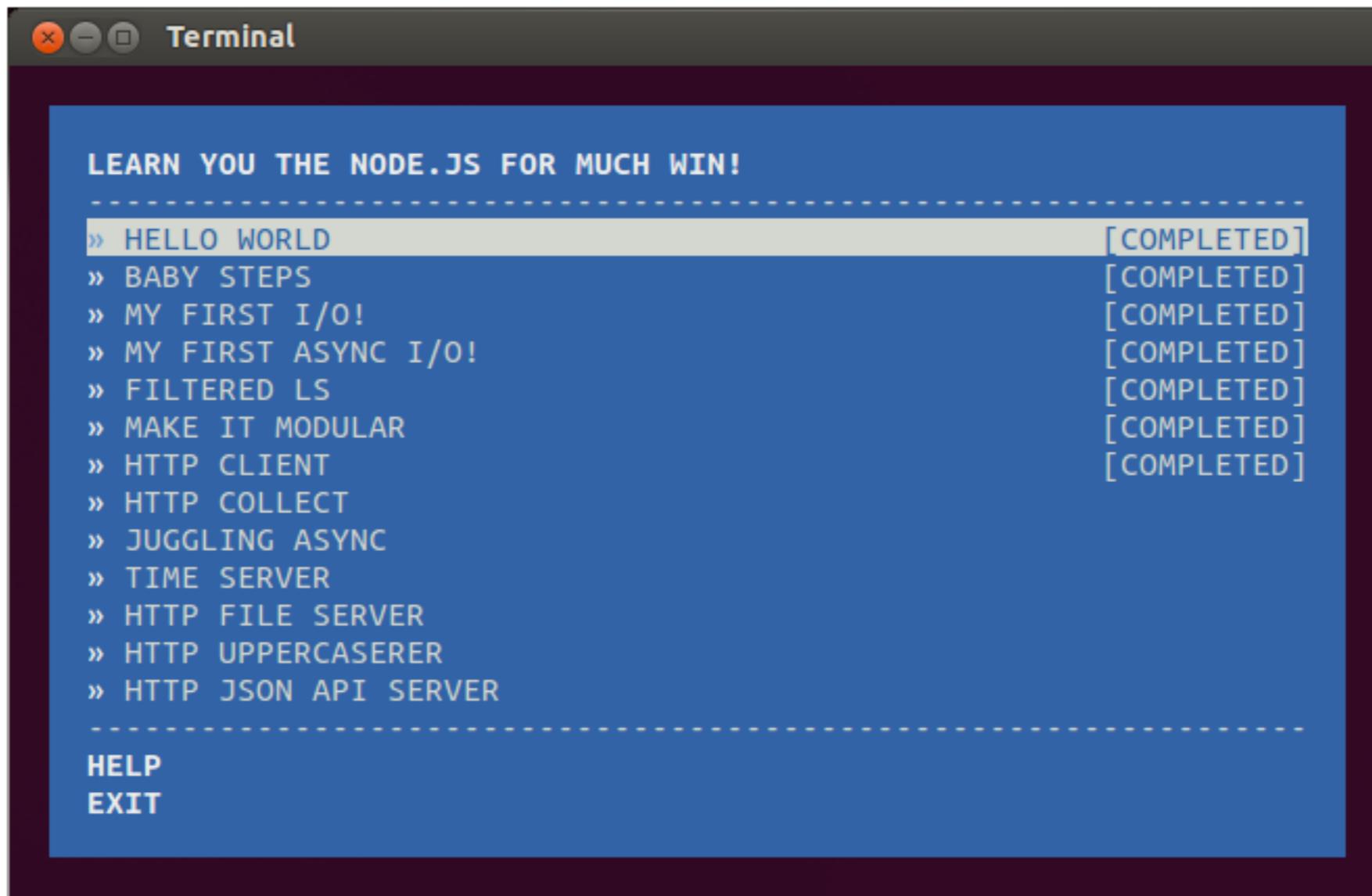
2013 **NODECONF** AT  
**WALKER CREEK RANCH**

there was Stream-Adventure —



# workshopper module

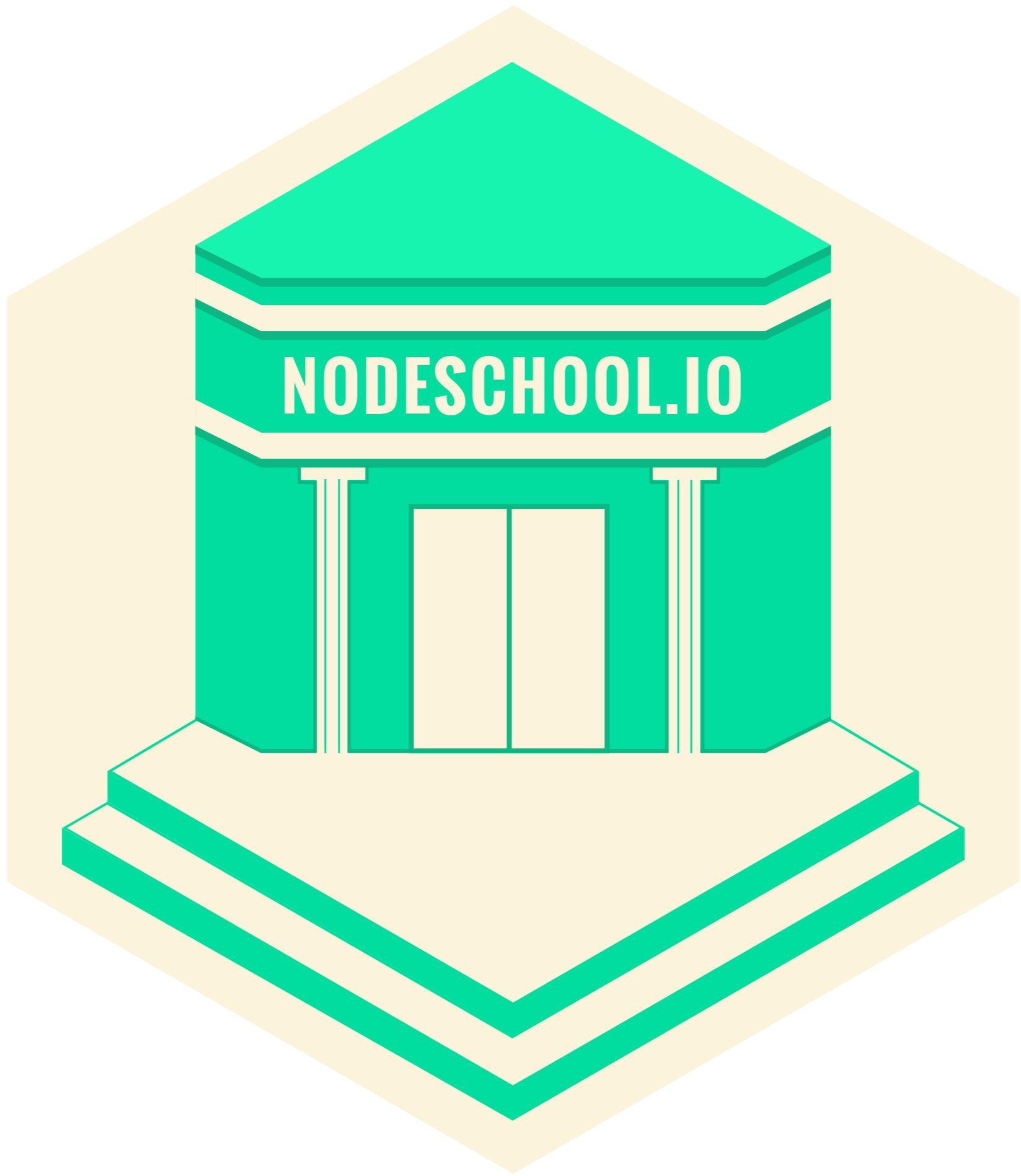
[github.com/rvagg/workshopper](https://github.com/rvagg/workshopper)



# **Easy Peasy**

```
$ npm install -g stream-adventure  
$ stream-adventure
```

\*need Node.js on computer



# Having them all over the place —



# Git-it

Git, GitHub (and terminal) for beginners.



# Typical workshopper flow

User answer.js

```
function myAnswer() {  
    return answer  
}
```

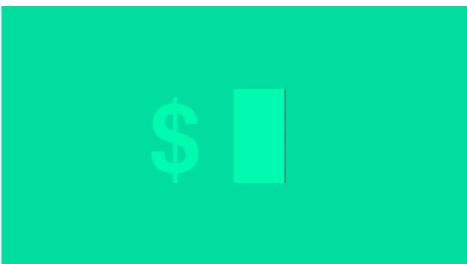
solution.js

```
function myAnswer() {  
    return answer  
}
```



workshopper verify answer.js

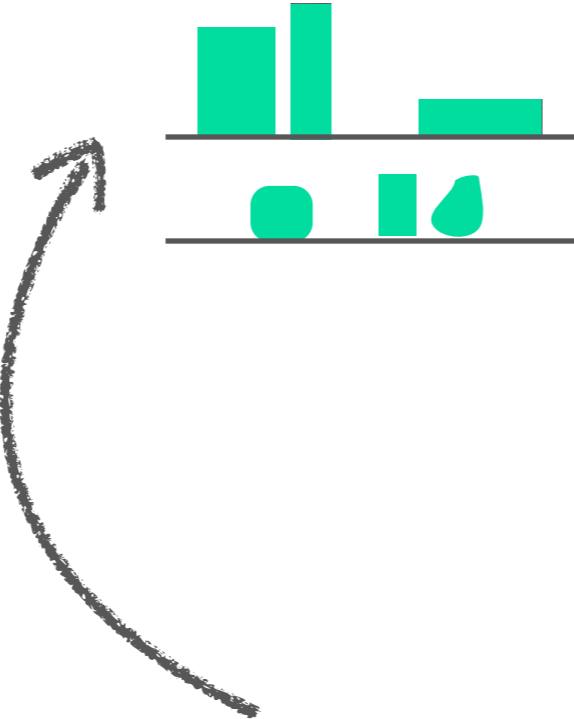
# Git-it



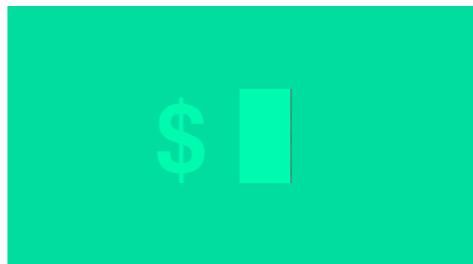
node.js terminal  
app

runs Git behind the  
scenes to verify  
local Git things

## GitHub API



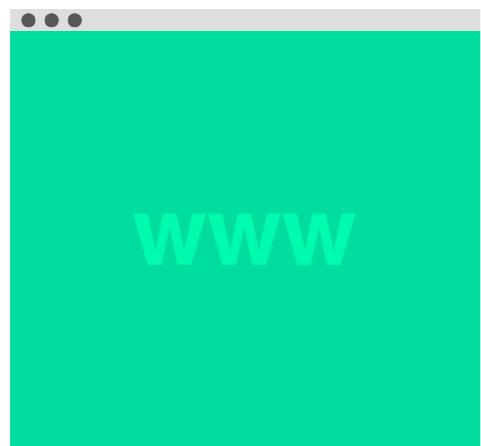
# Git-it



node.js terminal  
app

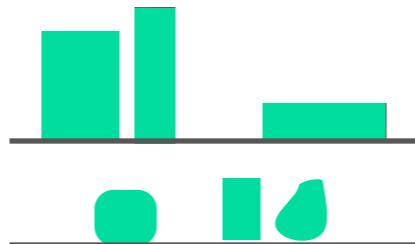
runs Git behind the  
scenes to verify  
local Git things

**jlord/patchwork**

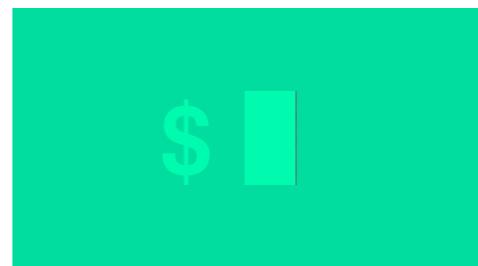


forked repo

**GitHub API**



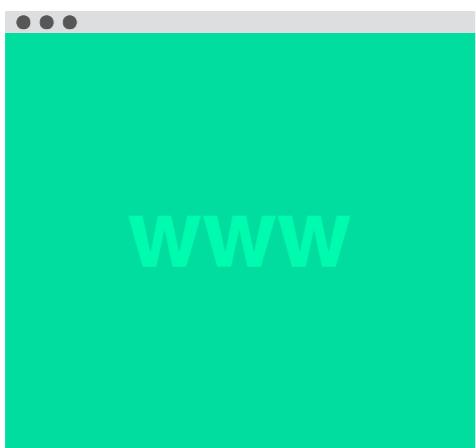
**Git-it**



node.js terminal  
app

runs Git behind the  
scenes to verify  
local Git things

**jlord/patchwork**



forked repo

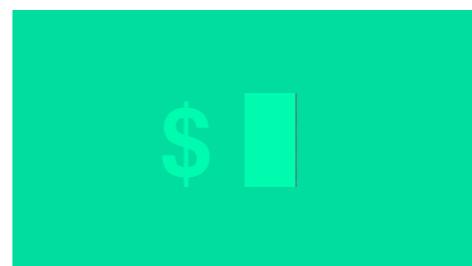
**GitHub API**



**jlord/reporobot**



**Git-it**



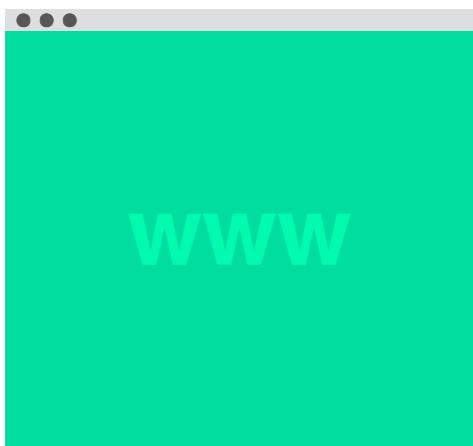
node.js terminal  
app

runs Git behind the  
scenes to verify  
local Git things

node.js server

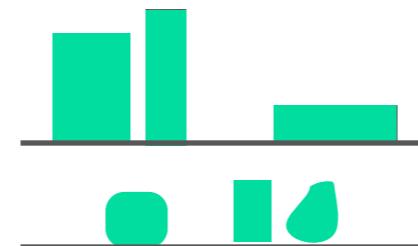
Digital Ocean  
Droplet

**jlord/patchwork**



forked repo

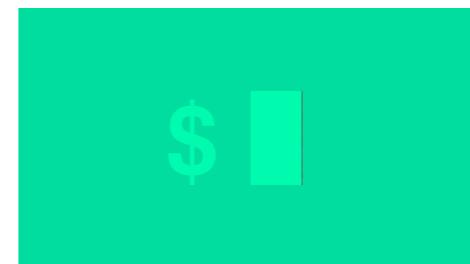
**GitHub API**



**jlord/reporobot**



**Git-it**

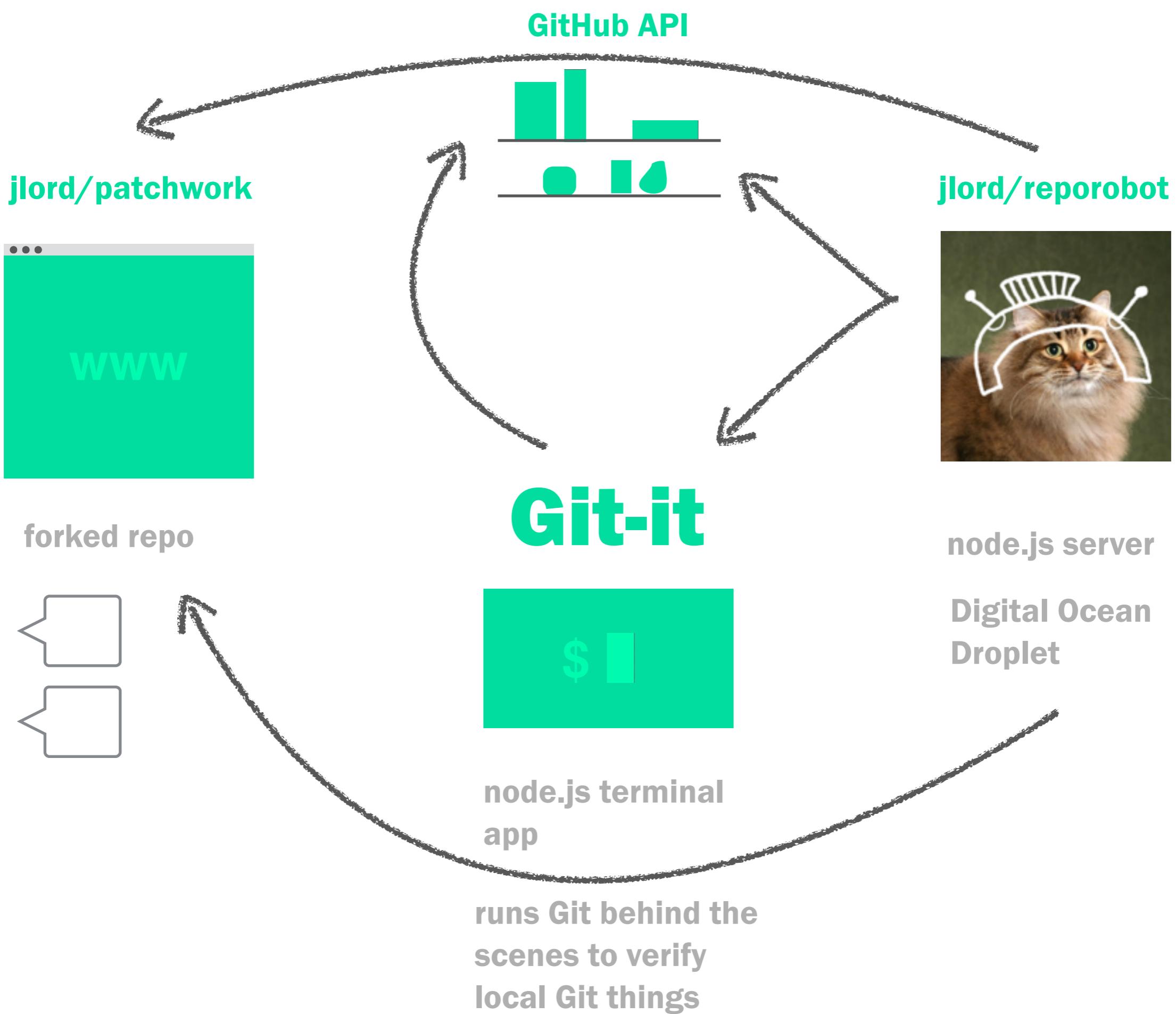


node.js terminal  
app

runs Git behind the  
scenes to verify  
local Git things

node.js server

Digital Ocean  
Droplet

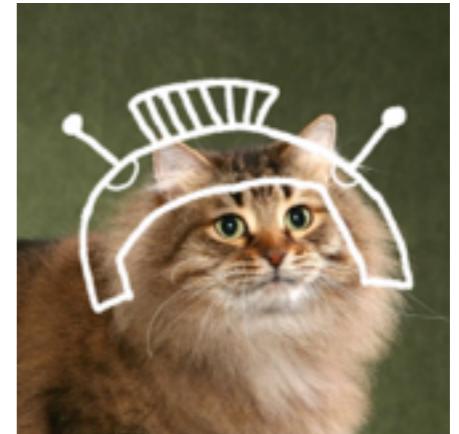


# Go, Go Robot!

[jlord/reporobot](#)

## Verify Git-it Challenges

- user adds RR as collaborator
- user made a pull request



## Collaborate with Users

- Commits art to repo

[node.js server](#)

## Handles Pull Requests

- Verifies, comments + merges

[Digital Ocean Droplet](#)

## Static Site Gen

- Rebuilds /patchwork to include user

# **Wow. Learned a lot.**

```
$ npm install -g git-it  
$ git-it
```

## Git-it at GitHub HQ –



# jlord.github.io/patchwork

Congrats, you did it!



You now know alternate meanings for **fork** and **branch**. You've **collaborated** someone whose location you're unaware of. You, friend, **pull request** with the best of 'em.

Your pulling and pushing compatriots (give or take 4 million):

---

@jlord 2014-01-17T02:35:52Z	@kid-icarus 2014-02-01T21:51:39Z	@glitchicken 2014-02-26T06:38:09Z
@maxogden 2014-01-20T23:02:33Z	@cadedevsc 2014-02-02T00:57:22Z	@gnomus 2014-02-26T18:21:25Z
@muan 2014-01-24T03:21:17Z	@aristotelsch 2014-02-02T16:27:40Z	@RyanHirsch 2014-02-27T12:03:28Z
@alysonia 2014-01-25T06:41:30Z	@creativ 2014-02-02T17:04:26Z	@mellinger 2014-02-27T15:15:05Z
@samdebacker 2014-01-28T16:11:30Z	@codr 2014-01-29T04:19:03Z	@sh0knah 2014-02-27T18:17:51Z
@killankoe 2014-01-30T00:07:52Z	@seaseng 2014-01-30T04:01:14Z	@mhaldarh 2014-03-03T06:18:31Z
@jpkmensah 2014-01-30T03:36:09Z	@JGara 2014-02-03T17:38:31Z	@johnnyman727 2014-03-03T19:22:43Z
@dnchn 2014-01-30T03:42:01Z	@vaughnam 2014-02-03T20:58:35Z	@zanycadence 2014-03-05T23:50:45Z
@bcarisenc 2014-01-30T03:43:56Z	@alje 2014-02-04T07:00:51Z	@warmfuzzyapple 2014-03-07T02:59:57Z
@monikahoex 2014-01-30T03:57:46Z	@lahtinen 2014-02-04T08:38:43Z	@gustavranneстиг 2014-03-07T16:20:30Z
@ideabrian 2014-01-30T03:43:37Z	@c4mb0t 2014-02-04T17:31:53Z	@bkbartonDesign 2014-03-09T15:37:01Z
@michaelwschultz 2014-01-30T04:00:19Z	@steveleathers 2014-02-06T20:57:49Z	@paulmanning 2014-03-09T19:40:20Z
@thedavidprice 2014-01-30T04:04:39Z	@trickyken 2014-02-07T16:05:23Z	@chuckbjones 2014-03-09T23:33:29Z
@jmunowitch 2014-01-30T04:01:57Z	@cardioid 2014-02-08T01:43:27Z	@theghymp 2014-03-10T05:55:12Z
@allinapex 2014-01-30T04:05:58Z	@bwang05 2014-02-08T01:43:29Z	@martynrevans 2014-03-11T23:57:03Z
@rajab67 2014-01-30T04:14:25Z	@JanekLehr 2014-02-08T01:46:25Z	@edersouza38 2014-03-12T01:26:17Z
@Woober 2014-01-30T04:19:10Z	@DrFry 2014-02-08T11:01:38Z	@immortaldevs 2014-03-13T17:52:24Z
@dtrap 2014-01-30T04:19:40Z	@arturkrasnyh 2014-02-08T15:37:26Z	@cadew 2014-03-14T01:53:17Z
@trebloo 2014-01-30T04:22:23Z	@aldilaff 2014-02-09T09:16:15Z	@brugnara 2014-03-14T13:55:05Z
@HydraJax 2014-01-30T04:28:56Z	@caseyburden 2014-02-09T23:04:29Z	@bpesowsky 2014-03-14T14:53:06Z
@joannewong 2014-01-30T03:59:00Z	@morganestes 2014-02-10T21:11:01Z	@prival 2014-03-15T10:03:29Z
@cheeaun 2014-01-30T04:38:44Z	@dchengy 2014-02-10T22:39:46Z	@plrfalt 2014-03-15T14:47:14Z
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@utopcell 2014-01-30T04:10:39Z	@dreamengineering 2014-02-14T10:54:34Z	@fzeeb 2014-03-16T14:26:16Z
@rajab67 2014-01-30T04:46:45Z	@enk529 2014-02-15T02:42:46Z	
@wilsonbalderama 2014-01-	@fgiraffe 2014-02-15T10:13:36Z	

# repos

[github.com/jlord](https://github.com/jlord)

/git-it

/patchwork

/reporobot

