

Electron Fundamentals

LEARN ABOUT ELECTRON



Jake Trent

@jaketrent jaketrent.com



Build cross platform desktop apps

with JavaScript, HTML, and CSS

Electron: **v1.0.1**

Node: **5.10.0**

Chromium: **49.0.2623.75**

V8: **4.9.385.28**



electron / electron

Watch 1,299

Star 27,250

Fork 2,623

Code

Issues 297

Pull requests 3

Pulse

Graphs

Contributors

Commits

Code frequency

Punch card

Network

Members

Apr 7, 2013 – Apr 27, 2016

Contributions to master, excluding merge commits

Contributions: Commits



zcbenz

4,285 commits / 180,053 ++ / 121,901 --

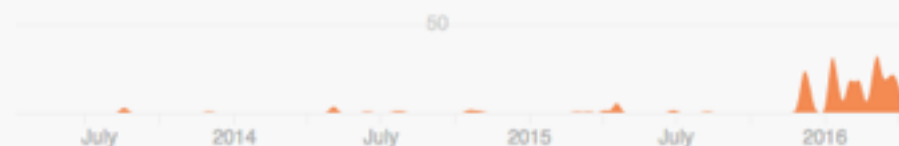
#1



kevinsawicki

332 commits / 25,335 ++ / 21,160 --

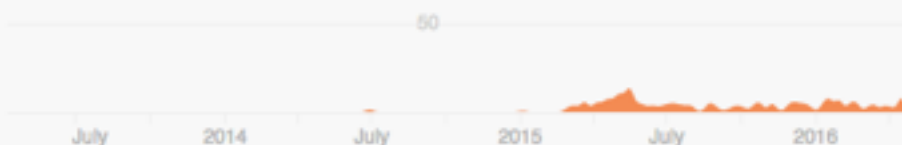
#2



deepak1556

271 commits / 16,058 ++ / 3,565 --

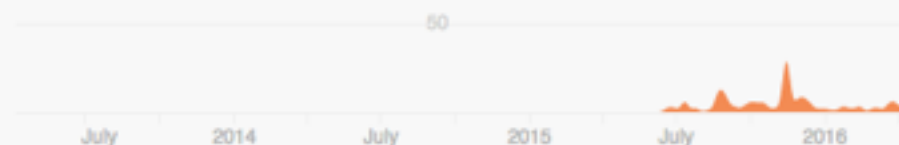
#3



preco21

223 commits / 43,703 ++ / 34,563 --

#4



hokein

195 commits / 11,707 ++ / 4,118 --

#5

paulcbetts

167 commits / 6,052 ++ / 3,379 --

#6



Atom Shell is now Electron

📅 April 23, 2015 👤 [kevinsawicki](#) 📡 [RSS Feed](#)

Atom Shell is now called Electron. You can learn more about Electron and what people are building with it at its new home electron.atom.io.



ELECTRON

Build cross platform desktop apps with web technologies

Formerly known as Atom Shell. Made with ❤ by [GitHub](#).

Electron is the cross-platform application shell we originally built for the [Atom editor](#) to handle the Chromium/Node.js event loop integration and native APIs.

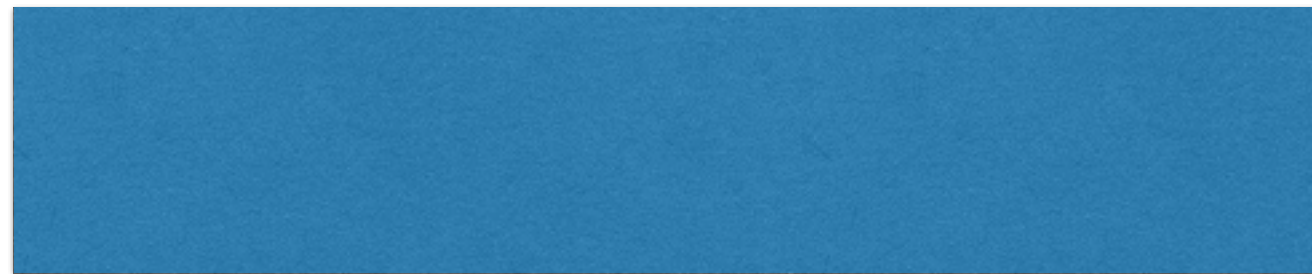
When we got started, our goal wasn't just to support the needs of a text editor. We also wanted to create



.app



Prerequisites



Why
web tech?

You have web developers

You have web skills

It's good tech

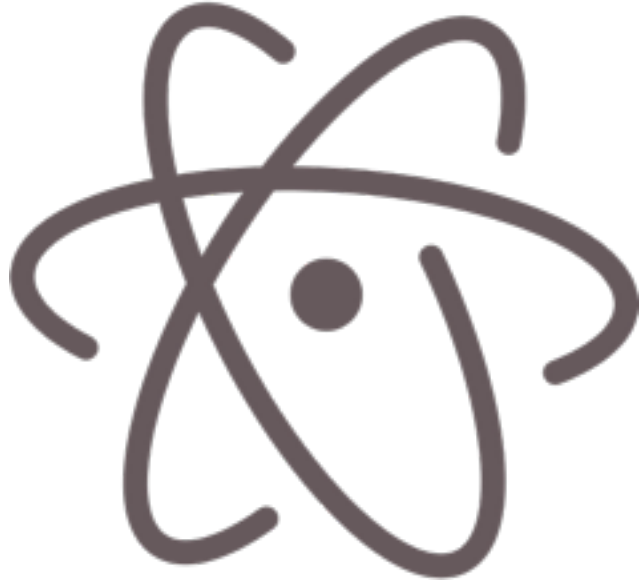
Electron allows it

Why
desktop apps?

You still use compelling desktop apps

Desktop allows great features

Editors



Utilities



Browsers



What can Electron do?

Access to the filesystem,



task bar, dock icons,



recent docs, media previews,



notifications,



windows,



power management,



network connectivity,



native menus, shortcuts,



child_process,



offline by default,



run as an app,



node & node native modules



no security sandbox



no cross-browser concerns,



another distribution channel.

