

Стан веб-розробки 2021



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SoftServe

programmingmentor.com.ua
t.me/programmingmentor



Трохи про себе...

- Почав кодити в минулому тисячолітті...
- Менеджер компетенцій SoftServe IT Academy
- Google Cloud Architect
- Programming Mentor: t.me/programmingmentor
- Засновник української фейсбук-спільноти **Learning Web Development**

ПРОЕКТ

- Керований API веб-сайт, респонсів
- Обмежений доступ

Має дві сторінки:

1. Кілька елементів для введення даних
2. Кілька елементів керування, які фільтрують дані, а результат відображається у естетично привабливому вигляді (графіка, іконки...)

ОБИРАЄМО СТЕК?

68 Ts TypeScript	2020 JS						57 Wp Webpack	37 Pc Parcel	95 D D3
9 Re Reason				39 Pr Prettier	18 Es ESLint	55 Rx Redux	15 Sp Snowpack	32 Gu Gulp	54 Jq jQuery
8 Cs ClojureScript	178 V Vue.js	162 R React	69 Ng Angular	41 Sv Svelte	28 Pr Preact	22 Eb Ember	25 Vx Vuex	19 Ru Rollup	45 Mt Moment
7 Ps PureScript	60 Nx Next.js	51 Ex Express	49 G Gatsby	42 Me Meteor	33 Nu Nuxt	33 Ne Nest	33 St Strapi	23 Mx Mobx	48 Lo Lodash
6 Em Elm	68 Pp Puppeteer	57 Sb Storybook	34 Je Jest	26 Cy Cypress	20 Mo Mocha	20 Pw Playwright	14 Tl Testing Lib	80 Ax Axios	26 Un Underscore
				93 Rn React Native	89 E Electron	43 Io Ionic	38 Nw NW.js	20 Ns NativeScript	14 We Weex

ІЩЕ ДЕЩО...

One more thing...

бюджет \$300 на
весь проект,
включаючи хостинг
та підтримку
протягом 15 років

ROCKET SCIENCE

Rocket Scientist Salary

How much does a Rocket Scientist make?

The average Rocket Scientist in the US makes \$110,636. Rocket Scientists make the most in San Francisco at \$132,000, averaging total compensation 19% greater than the US average.

U.S. Average

\$110,636

FRONT-END

Front End Engineer Salary

How much does a Front End Engineer make?

The average Front End Engineer in the US makes \$107,617. Front End Engineers make the most in Seattle at \$131,358, averaging total compensation 22% greater than the US average.

U.S. Average

\$107,617

СЕРЬОЗНО?

Software Developer Salary

How much does a Software Developer make?

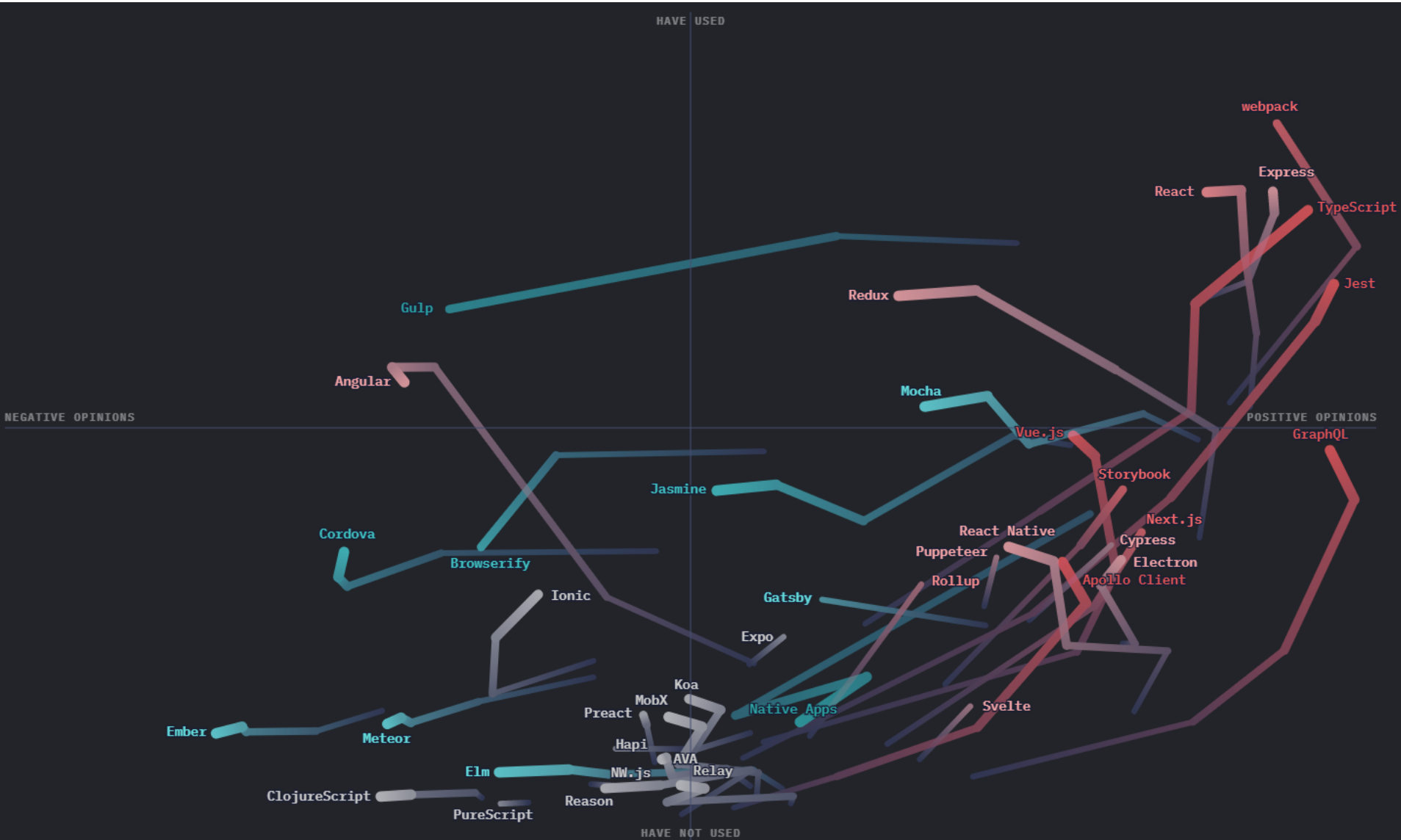
The average Software Developer in the US makes \$95,242. The average bonus for a Software Developer is \$4,581 which represents 5% of their salary, with 94% of people reporting that they receive a bonus each year. Software Developers make the most in San Francisco at \$113,566, averaging total compensation 19% greater than the US average.

U.S. Average

\$95,242

**То що у нас з
вебом у 2021?**

State of JS 2020



Всього 13?

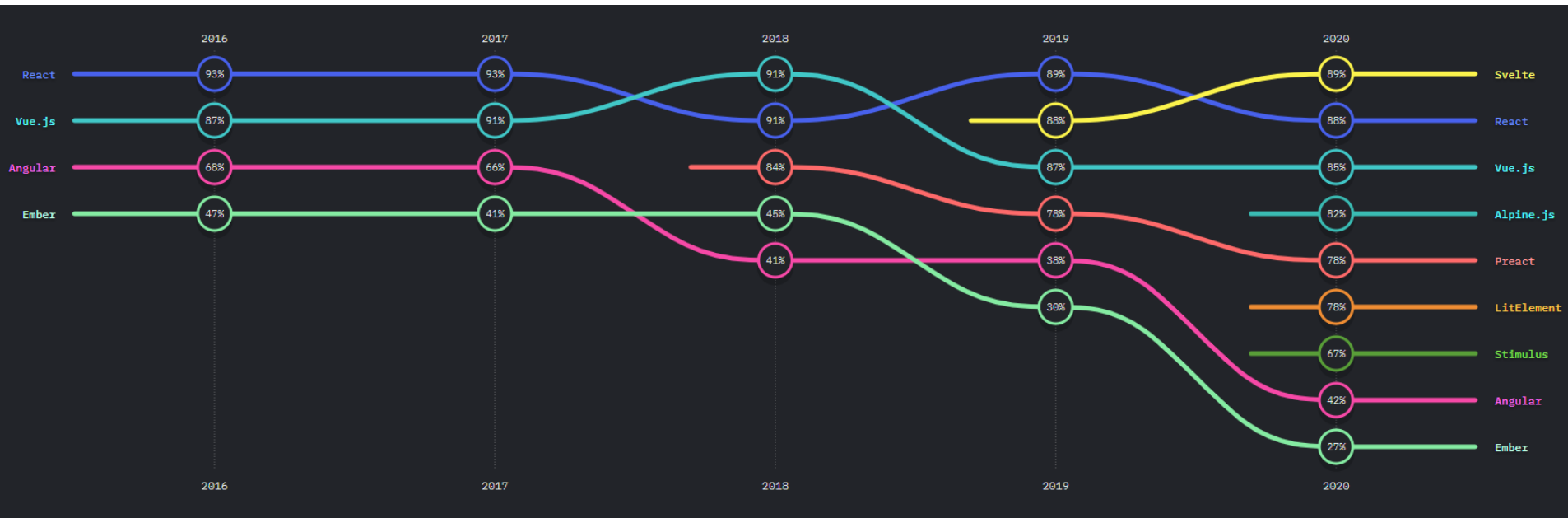


13 ways to run web
applications on the Internet

ANDRII SHUMADA

Ciklum/WalkMe

2016-2021



Як ми туди дішли?



Front-end 1991



HTML



Front-end 1995



HTML



JavaScript



Front-end 1996



HTML



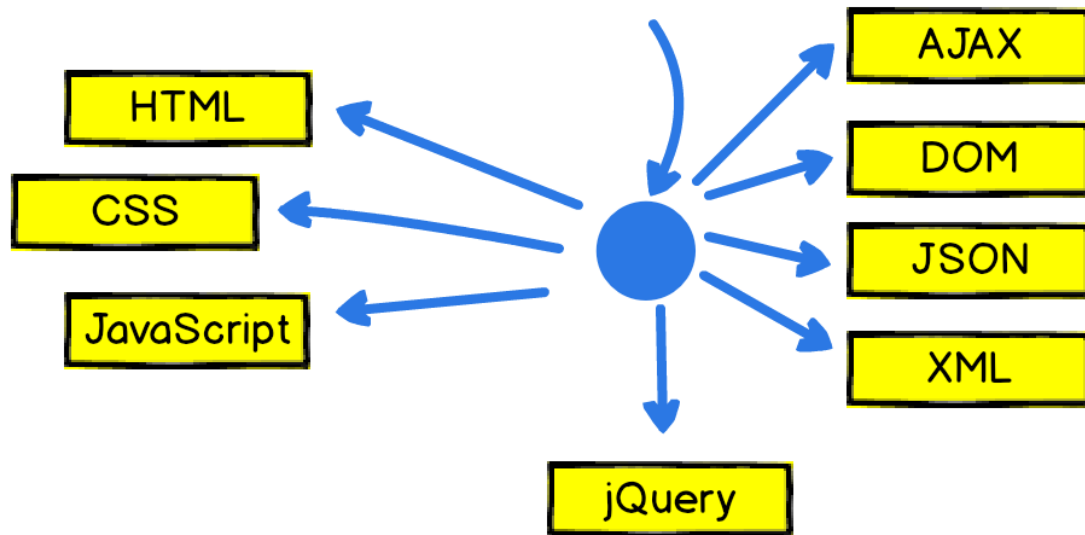
JavaScript



CSS



Front-end 2006



**А що б ми обрали у
2006 для бекенду?**

**Python чи
Perl?**

Google Trends 2006-2021

perl
Search term

python
Search term

+ Add comparison

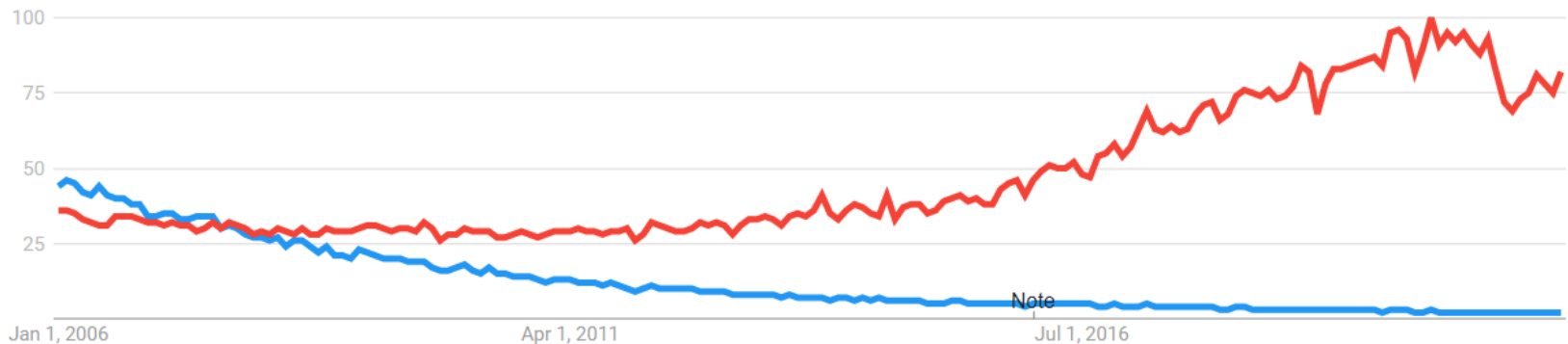
Worldwide ▾

1/1/06 - 6/17/21 ▾

All categories ▾

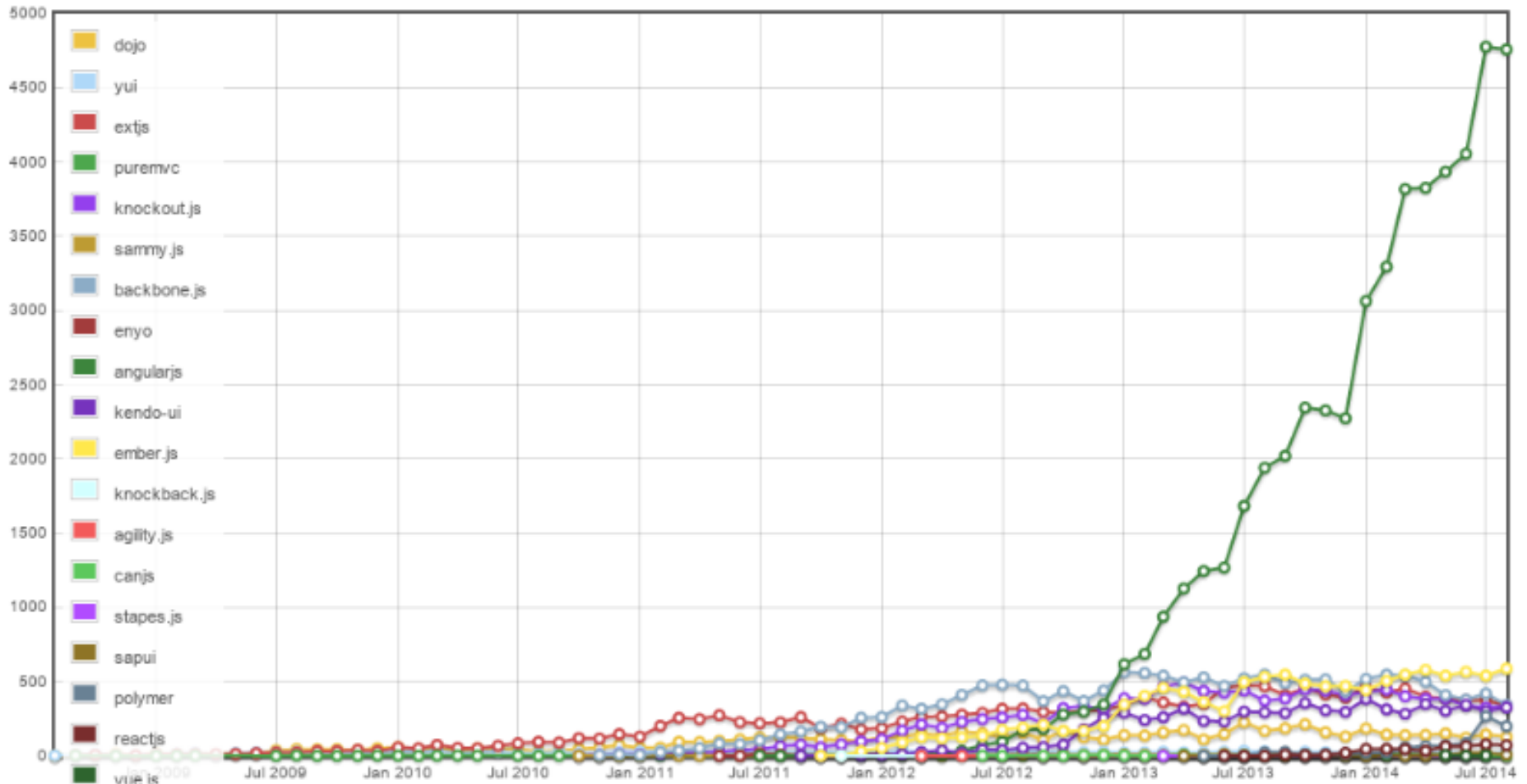
Web Search ▾

Interest over time 



Average

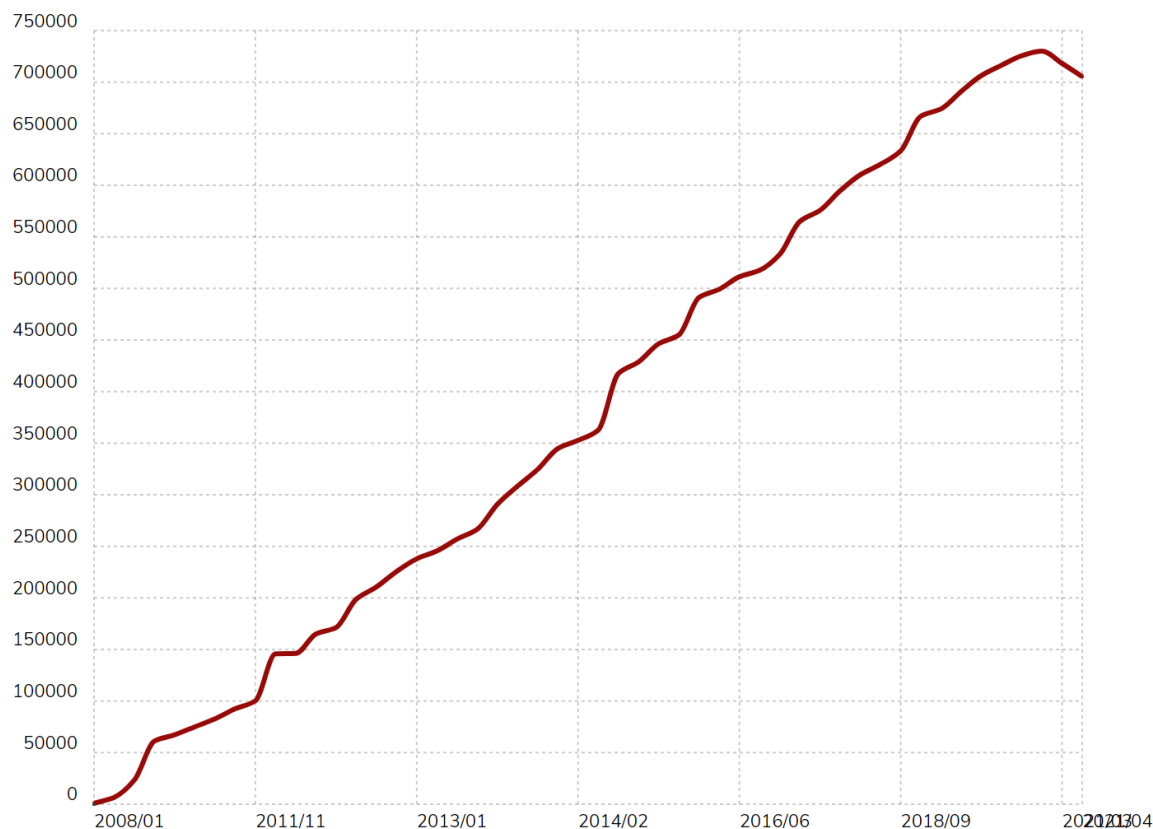
А що обрати у 2014?



А що з jQuery у 2021?

jQuery Usage Statistics

☐ Top 10k ☒ Top 100k ☒ Top 1m ☐ All Internet



<https://trends.builtwith.com/javascript/jQuery>

Створити проблему -
> Вирішити проблему
-> Профіт



Dan @dan_abramov · Nov 5, 2019



Reading some Redux example code I wrote four years ago and I have no effing idea what's going on there



129



524



2.8K



Nick Johnson @FGCShamanBodi · Nov 5, 2019



Redux makes simple things so stupidly complicated that I refuse to use it. Web Dev over the past 20 years hasn't gotten any easier or better. It's just been taken over by software engineers who hated web from the beginning and now we are stuck with this quagmire.



4



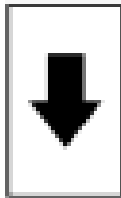
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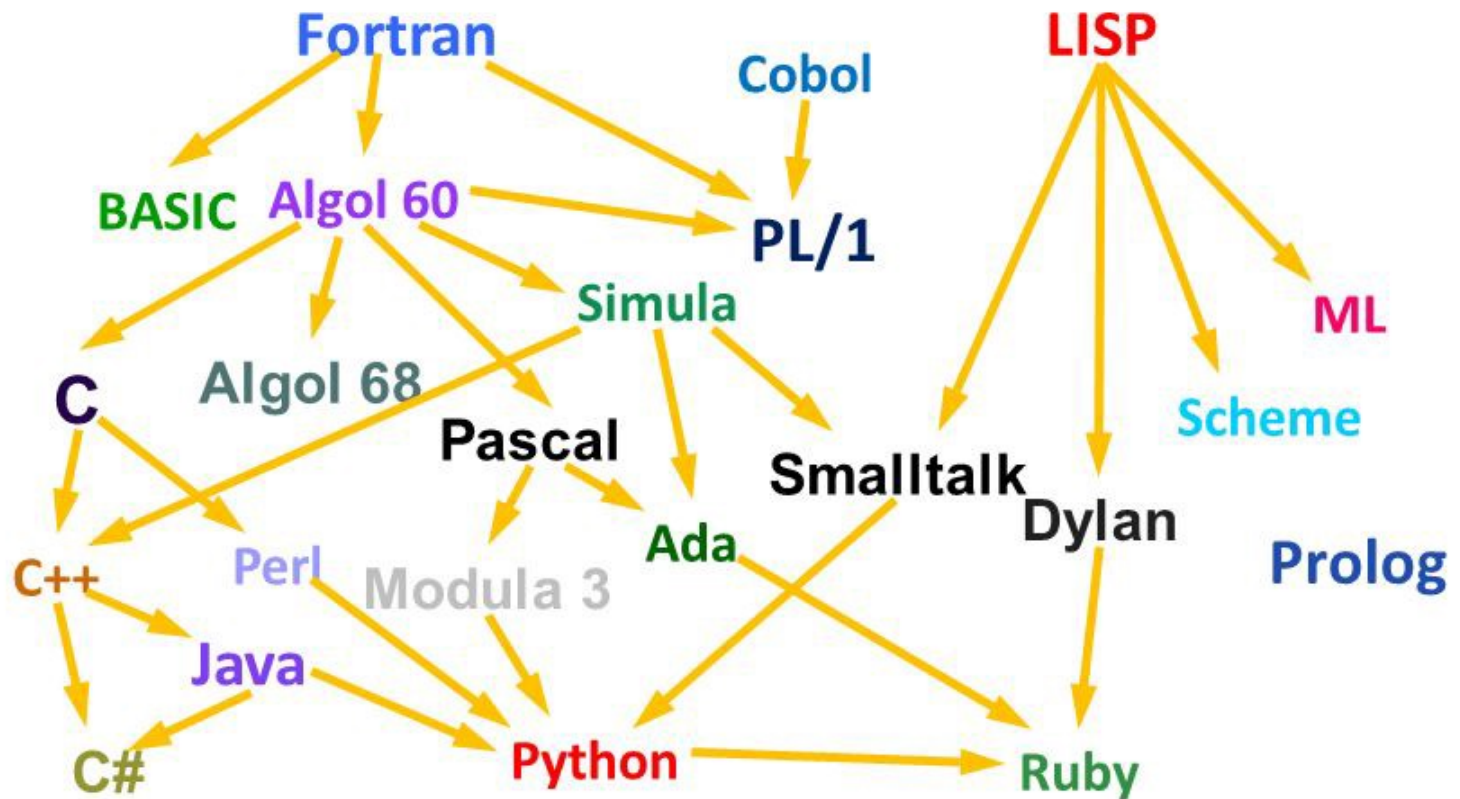


ЧИ Є РІЗНИЦЯ?



0	1	1	1	1	0	1	1	1	0
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МП



**Low code/
No code**

Weblium

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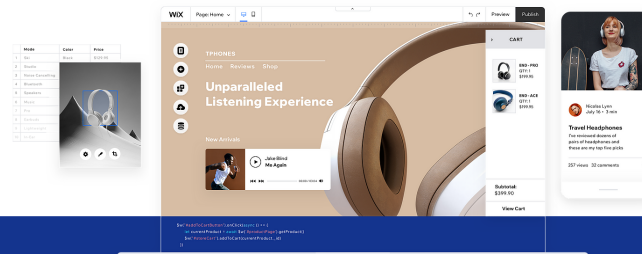
EN

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