HOW TO PICK GOOD JAVASCRIPT LIBRARIES

BY @ELIJAHMANOR

ME.JSON

```
{
  "priorities" : [ "Christian", "Family", "Work" ],
  "work"       : [ "@DaveRamsey", "@PluralSight" ],
  "tech"       : [ "HTML", "CSS", "JavaScript" ],
  "titles"     : [ "MS RD", "MS MVP", "IE userAgent" ]
}
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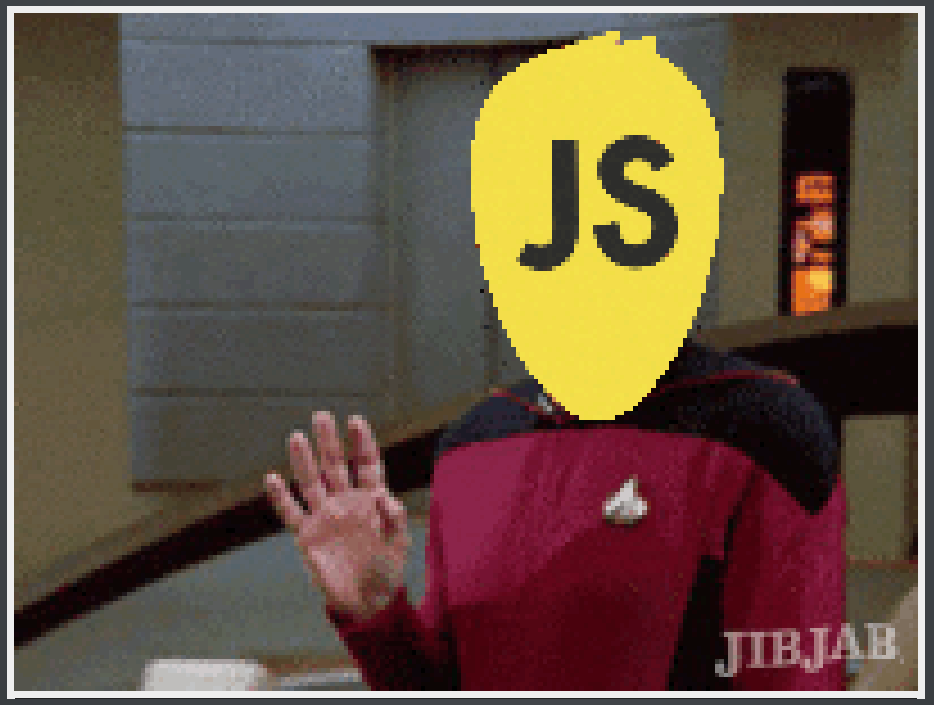
MR. JAVASCRIPT

"Hello, my name is Mr. JavaScript..."

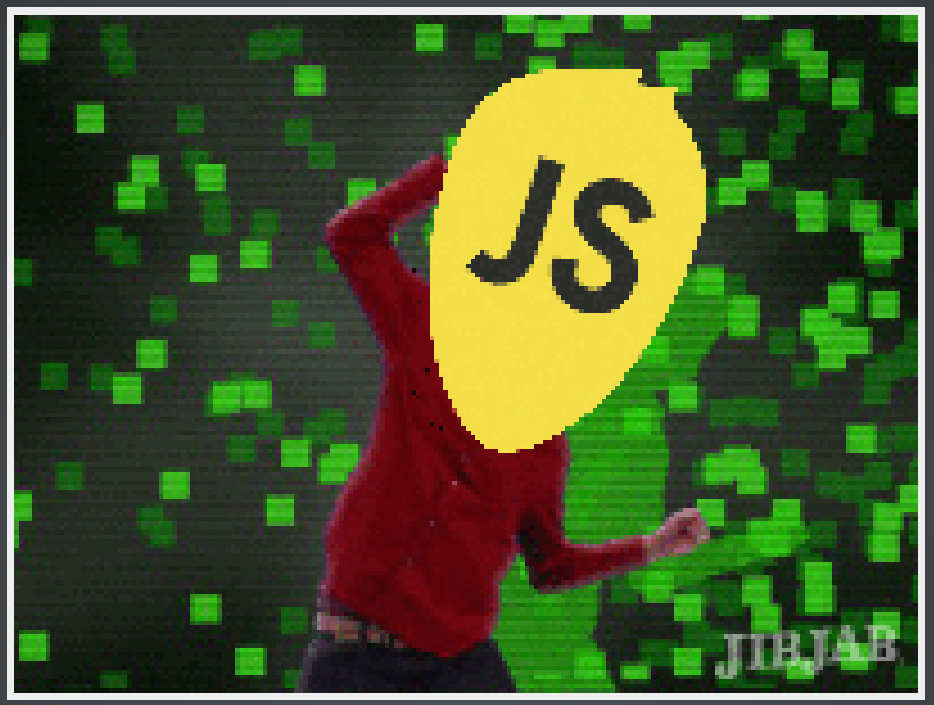


HISTORY

HOW DID WE GET TO WHERE WE ARE?

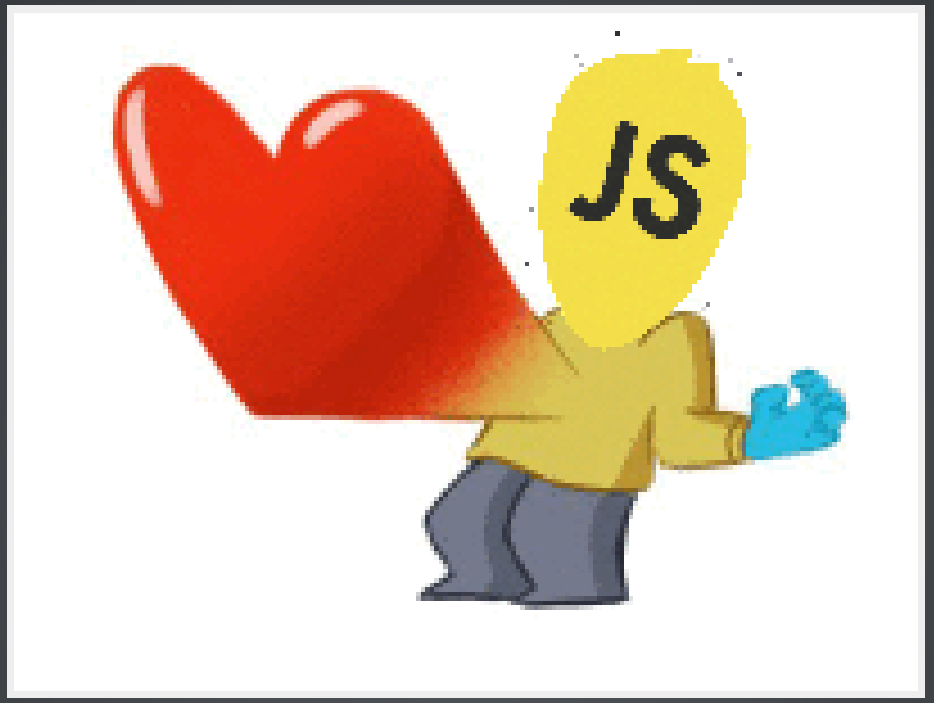
SOLVED MINOR FRONT-END CONCERNS

UNEXPECTED RISE IN POPULARITY



IN THE SPOTLIGHT

JAVASCRIPT EVERYWHERE!



EMOTIONS

THE PROCESS WE GO THROUGH AS DEVELOPERS

HOW YOU SEE YOURSELF USING A LIBRARY

WHAT YOU LOOK LIKE AS YOU LEARN

WHAT SOMETIMES HAPPENS IN THE END

PUT UP YOUR DEFENCES

JAVASCRIPT OVERLOAD

TOO MANY CHOICES!

GOOGLEPLEX PLUS ONE

// TODO: Snap a screenshot of a NPM search or one of those JavaScript mashup sites

JAVASCRIPT CRITERIA ASSESSMENT (JCA)

1. Active
2. Documentation
3. Community
4. Credible
5. Extensible
6. Integration
7. Quality
8. Tests

ACTIVE

WHEN WAS IT LAST UPDATED?

- This week
- This month
- This quarter
- This year!?!

ARE ISSUES BEING ADDRESSED?

ARE PULL REQUESTS BEING CONSIDERED?

DOCUMENTATION

INITIAL IMPRESION

DO YOU KNOW WHAT IT DOES?

// TODO - Client Eastwood

DIFFERENT LEARNING STYLES

- High Level Abstract
- Code Splunk
- API Dive
- Code Exmpales
- Demo Apps
- Unit Tests
- Watch Videos

COMBAT STALENESS //TODO - SPELLING

//TODO - Flush this out...

Auto-generate (JSDoc, SassDoc, etc...)

COMMUNITY

ARE DEVELOPERS EXCITED!?!

GITHUB

Contributors , Commits , Favorites , Forks , Pull Requests
(Open & Closed)

STACK OVERFLOW

IN THE TRENCHES

- Are Quesitons Being Asked?
- Are the Questions Being Answered?
- Are the Questions/Answers Being Voted Up?

SOIAL MEDIA

SIGNS OF HEALTH

- Is there an Active Buzz on Twitter, Google Plus, etc...?
- Are Developers Blogging about the Library?

VIVA JAVASCRIPT

CREDIBLE

TRUSTED AUTHOR(S)

- Who authored the library?
- What else have they created?

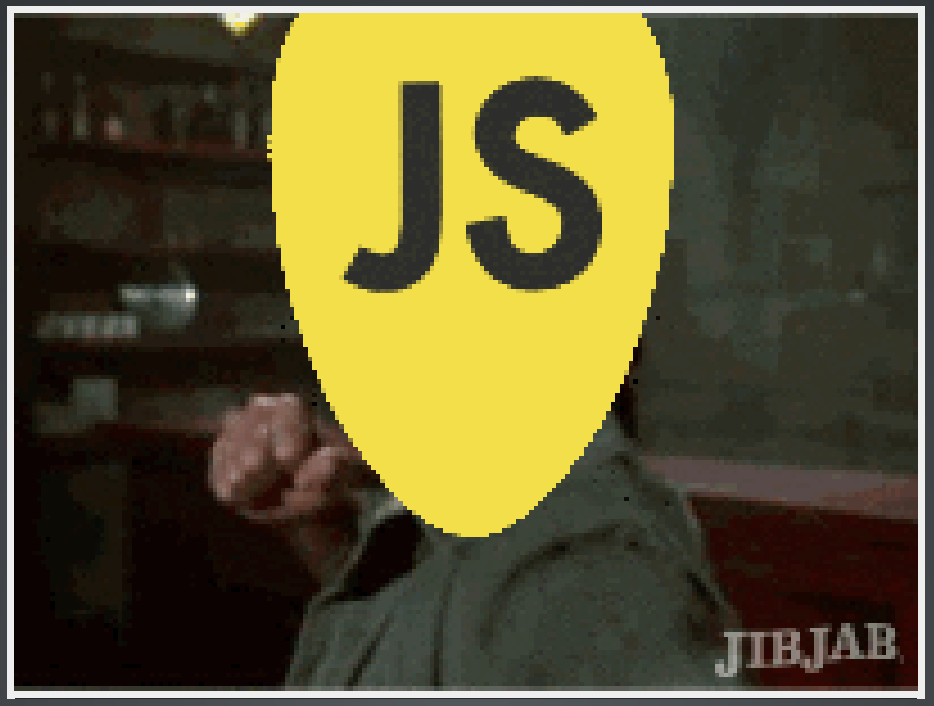
THERE SHOULD NOT BE ONLY ONE

THE STOP SIGN PRINCIPLE

EXTENSIBLE

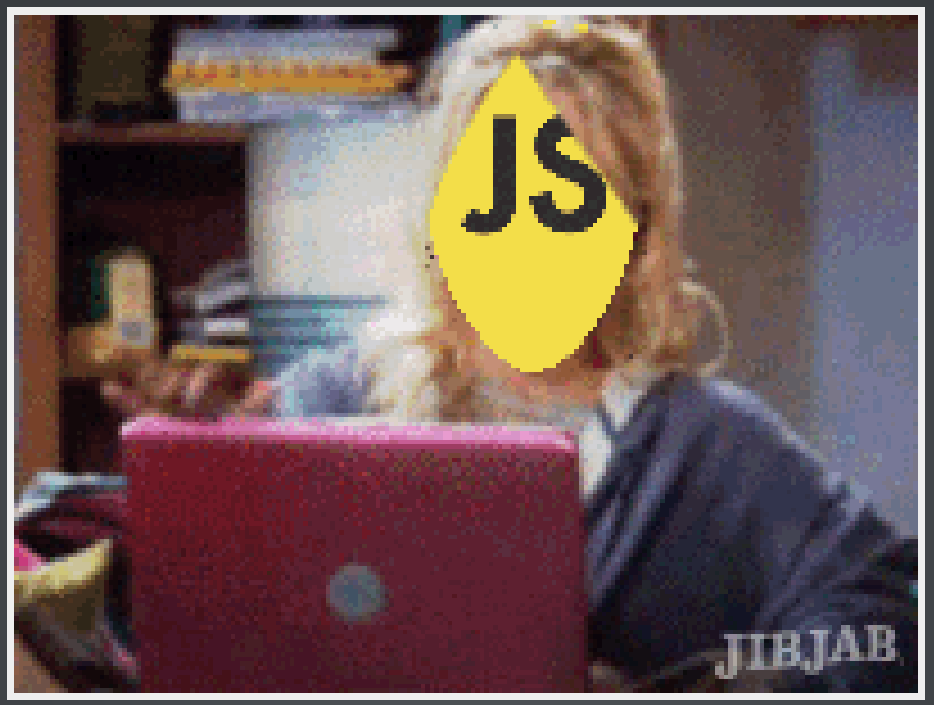
INTEGRATION

JS
JIBJAB

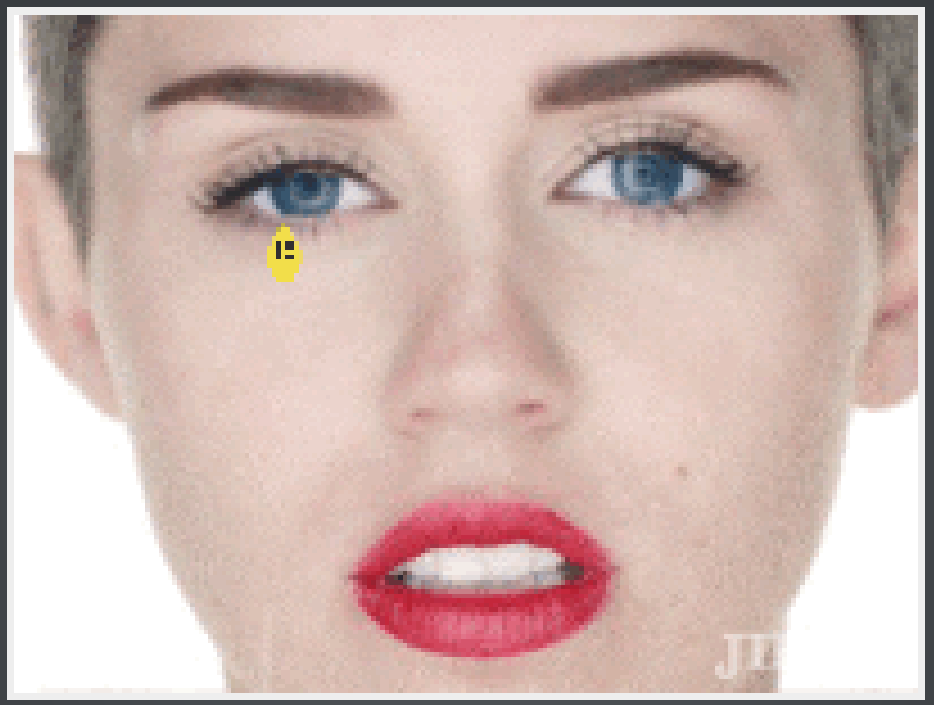

JS
JIBJAB

QUALITY

YOU OPEN THE SOURCE CODE



SHED A SINGLE JAVASCRIPT TEAR



THERE HAS TO BE A BETTER WAY

STATIC ANALYSIS TOOLS

HTML

- HTMLHint

JAVASCRIPT

- JSLint/JSHint/ESLint
- Plato - Visualize JavaScript Complexity by @jsoverson (example: jQuery)
- JavaScript Compatibility Checker (jscc) by @tbusser
- JSCritic by @kangax
- JavaScript Code Style Checker (jscs) by @jscs_dev

CSS

- CSSLint by @slicknet & @stubbornella
- SCSS-Lint

TESTS

LOOKS LIKE IT'LL WORK, BUT NOPE

THE LIBRARY IS BARELY STABLE

IN THE END

QUESTIONS?

http://elijahmanor.com

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http://bit.ly/good-js-libs