Pythonic JavaScript for Web Developers

@Uninen
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EuroPython 2017
How To Get Modern JavaScript into Your Python Projects
do you know one or more of these:

ES6, NPM, React, WebPack
95% of 10 million most popular Web pages use JavaScript
You NEED to know JavaScript if you develop for the Web in 2017
but...
Clinton impeached

A House bitterly divided along party lines impeached Bill Clinton on Saturday for lying and obstructing justice to conceal an extra-marital affair, hurling America into the spectacle of a Senate trial of a president for only the second time in the 209-year history of the office.

MORE NEWS...

What do you think?

Visit The Exchange and share your opinion on the impeachment debate.
ES6 / ES2015

JavaScript: The Good Parts
Crockford

JavaScript: The Definitive Guide
Flanagan
New ES6+ features

- let, const
- classes
- object literals
- modules
- iterators, generators
- map, set, weakmap, weakest
- promises
- template strings
- destructuring
- async / await
Oldskool JS Development

https://www.flickr.com/photos/bedworth/8720079103/
Oldskool JS Development

jQuery + <script>
package manager
BABEL

transpiler
bundler
Vue.js
requires new tools
requires new tools

...and configuration
GREETINGS, STRANGER.
WHATEVER QUEST DRIVES YOU,
ABANDON IT.
YOU SHALL FIND NO ANSWERS
IN THESE DESOLATE WASTES.
I KNEW I WOULDN'T.
I GUESS I ... JUST HAD TO SEE.

I HATE FEELING DESPERATE ENOUGH TO VISIT THE SECOND PAGE OF GOOGLE RESULTS.
gitlab.com/uninen/ep2017
PYTHONIC JS?
import feature from package
<script src="jquery.js"></script>
<script src="jquery-plugin1.js"></script>
<script src="jquery-plugin2.js"></script>
<script src="another-library.js"></script>

<script>
   // insert horrible JS spaghetti here
</script>
'use strict'

window.$ = require('jquery')
require('jquery-plugin1')

import Plugin2 from 'jquery-plugin2'
import AnotherLibrary from 'another-library'

;(function () {

    // insert Pythonic ES6+ JavaScript here

})();
<script src="my-awesome-javascript.js"></script>
Coding Guidelines
;
Pythonic JavaScript is:

- modular
- testable
- linted
DEMO
Thank You!

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