Code Analysis with JSHint and JSCS



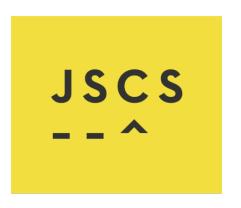
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JSHint and JSCS



http://jshint.com/docs/

JavaScript Code Analysis Detect errors and potential problems



JavaScript Code Style Checker Enforcing your style guide

http://catatron.com/node-jscs/

Rules Files



Define your JSHint and JSCS rules

.jshintrc

.jscsrc







JSHint and JSCS
Support Thrives in Many
Development Tools





\$ npm install gulp-jshint gulp-jscs --save-dev

Installs jshint and jscs local for a project

Install JSHint and JSCS Locally

--save-dev saves it to devDependencies in package.json

A Little More Node.js with require

```
var jshint = require('gulp-jshint');
var jscs = require('gulp-jscs');
```

var variable = require(module);

Use require to reference the gulp plugins

Pipe the stream through jscs and jshint

JS Hint

Gulp Plugins



\$ npm install --save-dev yargs gulp-load-plugins gulp-if
gulp-print jshint-stylish gulp-util

Installing npm packages locally

Gulp plugins

Node modules

We are not limited to gulp plugins!

Take Advantage of JavaScript

Gulp Tasks

Great and powerful

JavaScript Functions

Opens the doors to reusable logic between Gulp tasks

Configuration Module gulp.config.js

Reusability

Paths

Globs

Settings

```
module.exports = function() {
    var config = {
         /**
                 It's just JavaScript
          * File paths
          */
         // all javascript to vet
         alljs: [
             './src/**/*.js',
             './*.js'
    };
    return config;
```

Recap

Plugins

Node

Functions

Config

Define what tasks do

Not limited to Gulp packages

Reusing logic

Extendability

