

### INTRO TO LINT(ing)

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#### Linting may find:

- pinpointing possible logical errors in your program
- non-adherence to coding standards and conventions
- formatting discrepancies

Why Not?









# Lint Everything









RuboCop













- JavaScript: <a href="http://jshint.com/">http://jshint.com/</a>
- CSS: <a href="http://csslint.net/">http://csslint.net/</a>
- JSON: <a href="https://jsonlint.com/">https://jsonlint.com/</a>

## Lint ColdFusion



```
"excludes": [
           { "code": "ARG HINT MISSING" },
            "code": "ARG HINT MISSING SCRIPT" },
            "code": "ARGUMENT TOO WORDY" },
            "code": "AVOID USING ABORT" },
           { "code": "AVOID USING CFABORT TAG" },
           { "code": "AVOID USING CFINCLUDE TAG" },
            "code": "COMPONENT HINT MISSING" },
            "code": "COMPONENT TOO WORDY" },
           { "code": "FUNCTION HINT MISSING" },
           { "code": "GLOBAL LITERAL VALUE USED TOO OFTEN" },
           [ "code": "LOCAL LITERAL VALUE USED TOO OFTEN" },
           { "code": "METHOD TOO WORDY" },
           { "code": "STRUCT ARRAY NOTATION" },
           { "code": "UNUSED METHOD ARGUMENT" },
           { "code": "VAR ALLCAPS NAME" },
            "code": "VAR_HAS_PREFIX_OR_POSTFIX" },
           { "code": "VAR IS TEMPORARY" },
           { "code": "VAR TOO WORDY" }
"includes": [
"inheritParent" : false,
"parameters": {
           "MethodNameChecker.maxLength": 30,
           "TooManyFunctionsChecker.maximum": 15,
           "VariableNameChecker.maxLength": 30,
           "VariableNameChecker.minLength": 2
```



```
"excludes": |
            "code": "ARG HINT MISSING" },
             "code": "ARG HINT MISSING SCRIPT" },
             "code": "ARGUMENT TOO WORDY" },
             "code": "AVOID USING_ABORT" },
             "code": "AVOID USING CFABORT TAG" },
             "code": "AVOID USING CFINCLUDE TAG" },
            "code": "COMPONENT HINT MISSING" },
             "code": "COMPONENT TOO WORDY" },
             "code": "FUNCTION HINT MISSING" },
             "code": "GLOBAL LITERAL VALUE USED TOO OFTEN" },
            "code": "LOCAL LITERAL VALUE USED TOO OFTEN" },
             "code": "METHOD TOO WORDY" }
"includes":
            "code": "STRUCT ARRAY NOTATION" },
             "code": "UNUSED METHOD ARGUMENT" },
             "code": "VAR ALLCAPS NAME" },
             "code": "VAR HAS PREFIX OR POSTFIX" },
             "code": "VAR IS TEMPORARY" },
           "code": "VAR TOO WORDY" }
"inheritParent" : false,
"parameters": {
           "MethodNameChecker.maxLength": 30,
           "TooManyFunctionsChecker.maximum": 15,
           "VariableNameChecker.maxLength": 30,
           "VariableNameChecker.minLength": 2
```



C:\wwwroot\myproject
application.cfc
index.cfm
.cflintrc

\* rel="1con" href="/favicon.ico type= image/x 1con" # type="text/css" rel="stylesheet" href="css/materialize #in css type "text/css" rel="stylesheet" href= css/mate

type "text/css" rel="stylesheet" href= css/mate

type "text/css" rel="stylesheet" href="https://maxcdn.bootstrapc

type "text/css" href="/css/animate.css">

type "text/css" href="/css/animate.css">

type "text/css" href="/css/animate.css">

type "text/css" rel="stylesheet" href= css/mate

type "text/css" rel="stylesheet" href= css/mate

type "text/css" rel="stylesheet" href= css/mate

type "text/css" href="/css/animate.css">

type "text/css" href= css/mate

type "text/css" href= css/mate # rel="stylesheet" href="/css/animate.css"> \*\*lank rel="stylesheet" href="css/theme.css"> Linting «nav class» "nav"> \*\* href \*\* class \*\* brand-logo hide-on-med-and-up «dly class» nav-wrapper"> «dly class="container">



### Automate It

#### **CFLint Issues**

#### **Warnings Trend**

All Warnings	New Warnings	Fixed Warnings
100	0	0

#### Summary

Total	High Priority	Normal Priority	Low Priority
100	<u>4</u>	<u>59</u>	<u>37</u>

#### **Details**





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### Lint Resources

https://github.com/mcandre/linters

https://github.com/mre/awesome-static-analysis

https://github.com/collections/clean-code-linters

https://github.com/cflint/CFLint