ESLint Rules Explained

Jamis Charles
UI ENGINEER

@jamischarles www.jamischarles.com

Agenda

Explore Common Rules

Closer Look at Rules

Write New Rules

Abstract Syntax Tree (AST)

A JS object that describes code

Tools that use Abstract Syntax Trees

Webpack / Browserify

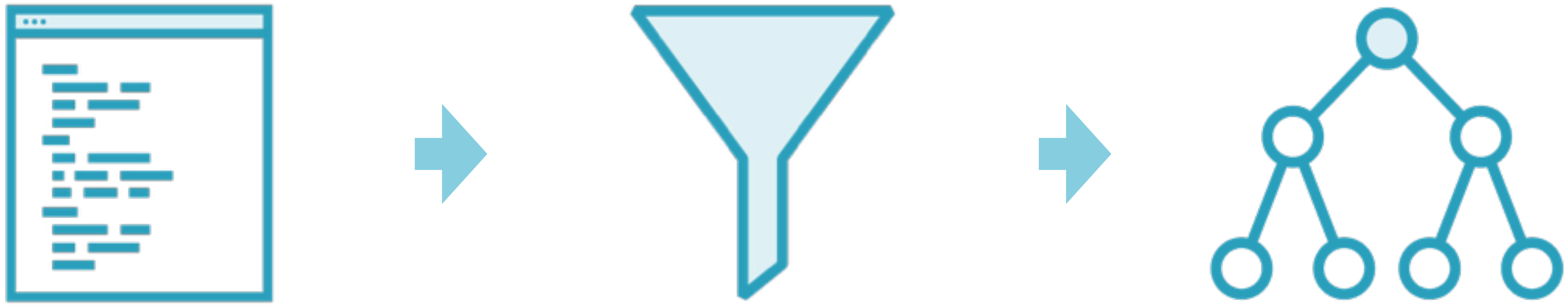
Babel.js

Linters

Minifiers

Syntax Highlighters

Code to AST



Code

‘console.log()’

Parser (Espree)

Translates code

AST

{…}

Code

```
console.log(‘hello’);
```

AST

```
{
   "type": “ExpressionStatement",
   "expression": {
      "type": "CallExpression",
      "callee": {
         "type": “MemberExpression",
         "object": {
            "type": "Identifier",
             "name": “console"
         },
         "property": {
            "type": “Identifier",
            "name": “log"
         },
         "computed": false
      },
      "arguments": [{
         "type": “Literal",
         "value": “hello",
         "raw": “'hello'"
      }]
   }
}
```

Summary

Explore Common Rules

Closer Look at Rules

Write New Rules