



HTML Injection



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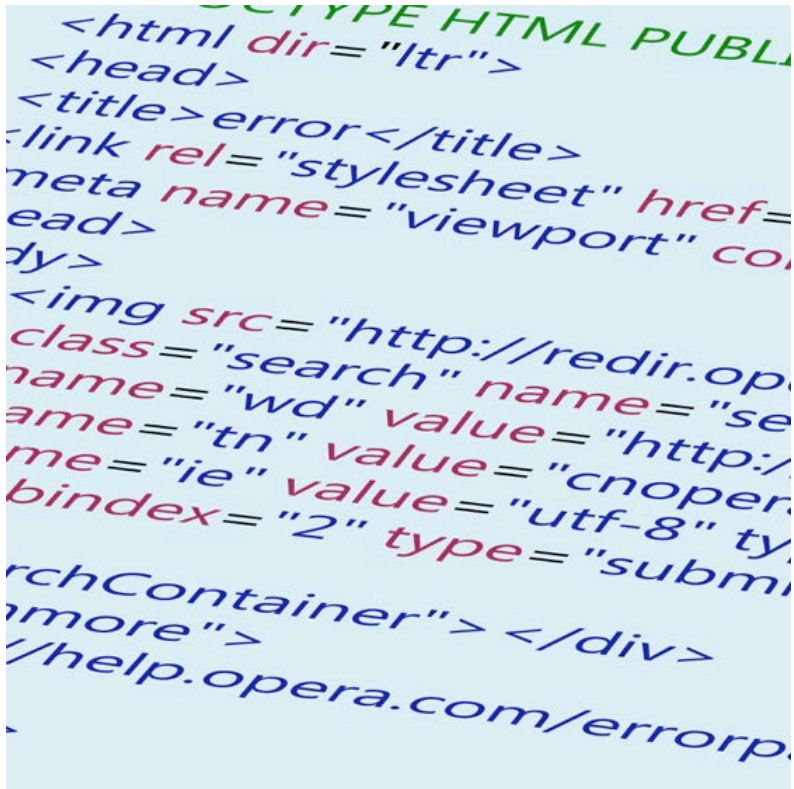


Automate Adding the CSS and JavaScript



Wiredep and Bower
HTML Injection

wiredep



```
<html dir="ltr">
<head>
<title>error</title>
<link rel="stylesheet" href=
<meta name="viewport" co
</head>
 </div>
more">
/help.opera.com/errorp
```

Inject bower dependencies into HTML

- Uses HTML comments as placeholders
- `<!-- bower:type -->`

<https://github.com/taptapship/wiredep>

gulp-inject

Inject custom dependencies into HTML

- Uses HTML comments as placeholders
- `<!-- inject:orange -->`



<https://github.com/klei/gulp-inject>

wiredep

<!-- bower:*type* -->

gulp-inject

<!-- inject:*type* -->

```
<html ng-app="app">
  <head>
    <!-- bower:css -->
    <!-- endbower -->

    <!-- inject:css -->
    <!-- endinject -->
  </head>
  <body>
    <div ng-include="'app/layout/shell.html'"></div>
    <!-- bower:js -->
    <!-- endbower -->

    <!-- inject:js -->
    <!-- endinject -->
  </body>
</html>
```

Inject CSS from bower

Inject application's CSS

Inject JavaScript from bower

Inject applications' JavaScript

Injecting Bower and JavaScript Files

```
gulp.task('wiredep', function() {  
  log('Wiring the bower dependencies into the html');
```

Get stream from wiredep

```
var wiredep = require('wiredep').stream;  
var options = config.getWiredepDefaultOptions();
```

Inject bower files into html

```
return gulp
```

```
.src(config.index)
```

```
.pipe(wiredep(options))
```

Inject app JavaScript into HTML

```
.pipe($.inject(gulp.src(config.js)))
```

```
.pipe(gulp.dest(config.client));
```

Write the HTML file

```
});
```

Inject After Bower Installations

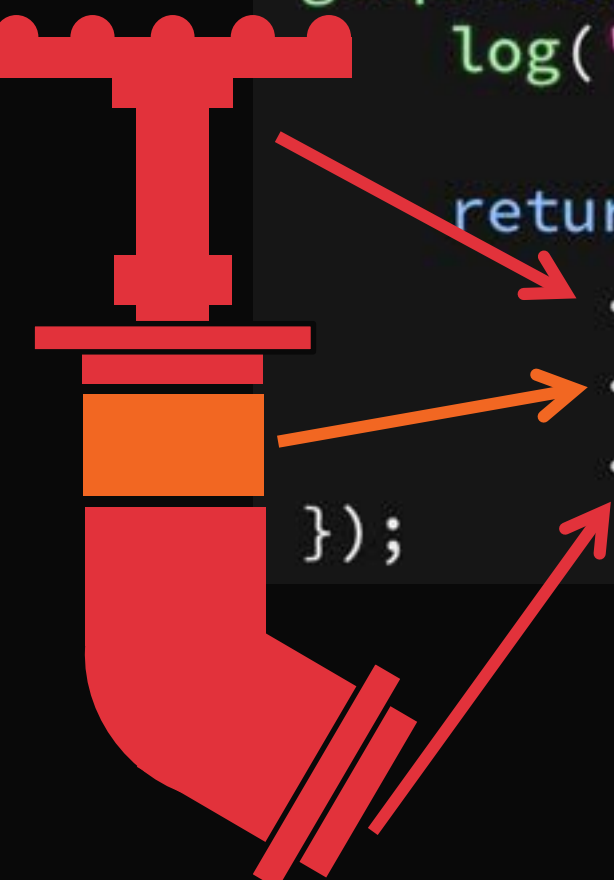
bower install *package*

.bowerrc runs
postinstall script

Runs *gulp wiredep*

Bower postinstall should be fast,
so we break out the styles injection task
(it runs less and autoprefixer)

Injecting Styles



```
gulp.task('inject', ['wiredep', 'styles'], function() {  
  log('Wire up css into the html, after files are ready');  
  
  return gulp  
    .src(config.index)  
    .pipe($.inject(gulp.src(config.css)))  
    .pipe(gulp.dest(config.client));  
});
```

Inject app CSS into HTML

Write the HTML file

Recap

Wiredep

Gather the bower files and inject into HTML

gulp-inject

Inject CSS into HTML

post install script

Run wiredep after bower install

