

Getting Your JavaScript Production Ready With Gulp.js

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JavaScript Build System?

Coding Standards

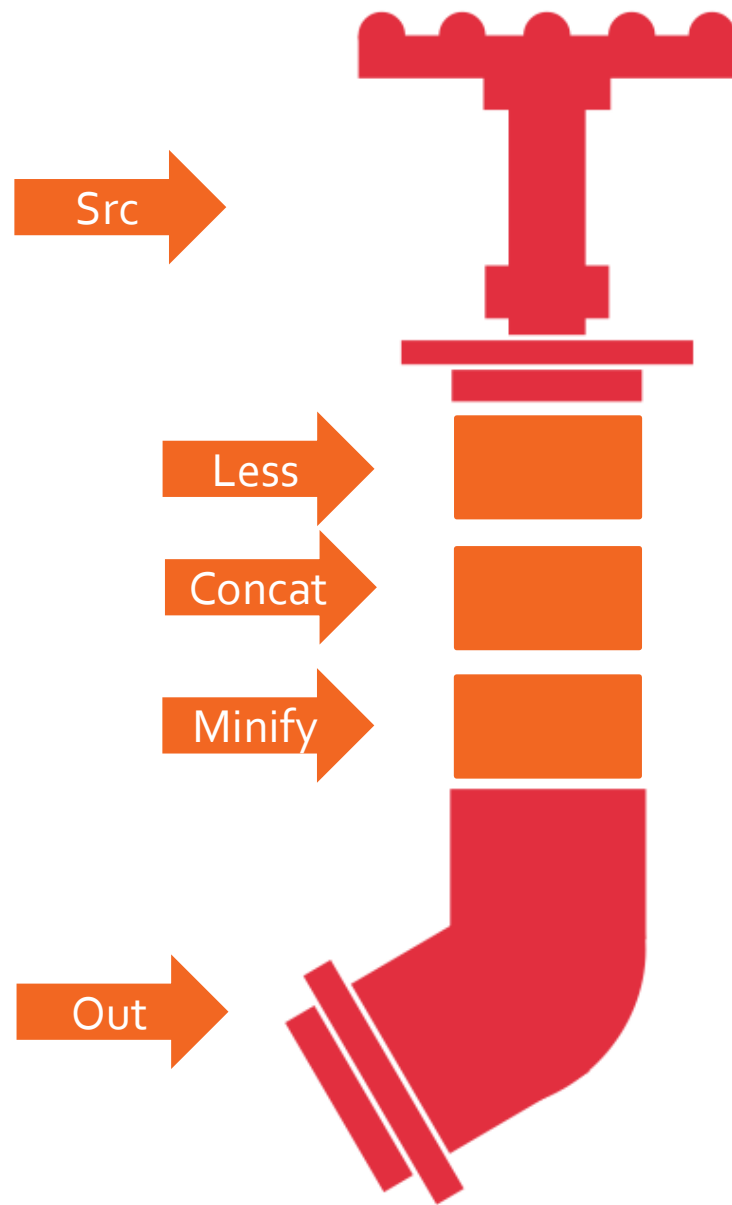
Less File Compilation

Injecting JS and CSS
File Management

What Are We Talking About?



- What Gulp Is
- Task Stream
- Enforce Coding Standards
- Inject JS and CSS Files



Demo Introduction

JSCS and JSHint

```
gulp.task('check', function () {  
  return gulp.src(['public/**/*.js', '!public/resource/**/*.js'])  
    .pipe(jshint())  
    .pipe(jshint.reporter('jshint-stylish', {  
      verbose: true  
    })))  
    .pipe(jshint.reporter('fail'))  
    .pipe(jscs());  
});
```

Demo JSCS JSHint

Less Files...

```
gulp.task('less', function () {  
  return gulp  
    .src('public/css/*.less')  
    .pipe(less())  
    .pipe(gulp.dest('public/css/'))  
});
```


Demo Less Files

Starting and stopping sucks....

Watching Files

```
gulp.task('less-watch', function(){  
    gulp.watch(['public/css/*.less'], ['less']);  
});
```

Demo Watcher

Injecting Files

```
gulp.task('inject', function(){  
  var wiredep = require('wiredep').stream;  
  var options = {  
    bowerJson: require('./bower.json'),  
    directory: 'public/resource/',  
    ignorePath: '../public/'  
  };  
});
```

Injecting Files

```
return gulp
    .src('views/index.ejs')
    .pipe(wiredep(options))
    .pipe(inject(gulp.src('public/js/*.js', {read: false}),
{relative: false, ignorePath: 'public/'}))
    .pipe(gulp.dest('views/'));
```

Demo Injecting Files

NodeMon

```
gulp.task('default', function () {  
  nodemon({  
    script: 'bin/www',  
    ext: 'js',  
    env: {  
      PORT: 8000  
    },  
    ignore: ['./node_modules/**']  
  })  
});
```


NodeMon

```
.on('restart', function () {  
    console.log('restarted!')  
})
```

Demo NodeMon