

## Gulpfile: The Basics

The Gulpfile is divided into 4 main sections: One that handles SASS to CSS compilation, JSX to JS compilation, WebFont compilation and the Development server for quick testing and debugging.

We'll handle each section in its own individual doc pages later. However, before we get to that lets discuss the environment options provided:

Option	Functionality
<b>--name</b> (Optional, defaults to <b>app</b> .) <b>Disabled in Rails projects.</b> <i>Usage:</i> <code>gulp --name somenamehere</code>	A name for your project/app. The necessary file structures need to exist before you can call this command. Consult the documentation on how to scaffold one if you're starting a blank project.  By default we ship a <b>demo</b> project and a <b>app</b> starter project.  Use the demo project as a reference while creating your own project
<b>--rtl</b> (Optional, defaults to <b>false</b> ) <i>Usage:</i> <code>gulp --rtl</code>	A switch that automatically generates an RTL equivalent of the compiled CSS files using Twitter's css-flip. This is turned off by default. To access the RTL resource point your browser to <code>http://localhost:8080/rtl/</code>
<b>--port</b> (Optional, defaults to <b>8080</b> ) <i>Usage:</i> <code>gulp --port 5000</code>	Development server port.
<b>--whost</b> (Optional, defaults to <b>localhost</b> ) <i>Usage:</i> <code>gulp --whost virtual.hostname</code>	Webpack dev server hostname.
<b>--wport</b> (Optional, defaults to <b>8079</b> ) <i>Usage:</i> <code>gulp --wport 4999</code>	Webpack dev server port.
<b>--production</b> (Optional, defaults to <b>false</b> ) <i>Usage:</i> <code>gulp --production</code>	A boolean flag like <b>--rtl</b> . Run this when you are done with development as it compiles, minifies and bundles all the source CSS and JS files. For bundling external plugins please consult <b>Gulpfile.js &gt; External Plugins</b> ( <code>/app/docs/gulpfile/externalplugins</code> ) doc page.

Here is an image of the gulp command (run with above options) executed in a terminal:

