Welcome!

Mobile Web Specialist Nanodegree Program

by Udacity & Google

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Intro

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[Mobile Web Specialist Nanodegree Syllabus](#)

[Mobile Web Specialist Nanodegree Student Handbook](#)

Build tools

Tools that allow developers automate repetitive tasks such as web page refreshing, image optimization, file minification, CSS preprocessing, deployment, compilation, unit testing, etc.

- Fast
- Community support
- Feature-rich
- Can be extended with custom functionality

Build Tools

Gulp

- Fast
- Can execute tasks in parallel
- Uses JavaScript, which is easier to write

Install [Gulp](#)

```
npm install --global gulp-cli
```
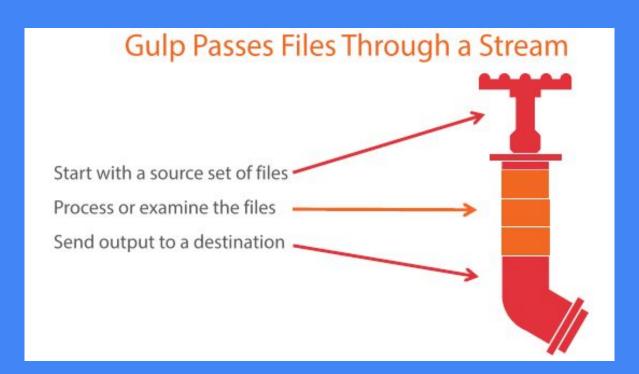
```
npm install --save-dev gulp
```

```
gulp --version
```

Create gulpfile.js

- Located in the root directory
- Defines all the tasks (=functions) to be executed by gulp

Gulp is stream based => faster!

Gulp Passes Files Through a Stream

Start with a source set of files

Process or examine the files

Send output to a destination

Questions?