

# Gulp

Automate and enhance your workflow

# Getting Started

## 1. Install Node.js

- a. Open Node.js command prompt
- b. Run `node -v`. If Node.js was successfully installed, you must see its version

## 2. Npm

- a. In Node.js command prompt run `npm -v`, you must see its version. If npm isn't installed, run `npm install` in command prompt
- b. Run `npm -v` to make sure that npm was successfully installed

# Initialization

1. Open project's folder
2. In Node.js command prompt run `npm init` (it should create `package.json` file)

# Package.json

Contains:

- Project's info like name and repository
- All project's dependencies
  - a. Project dependencies (use `--save`)
  - b. Development dependencies (use `--save-dev`)

# Installing Gulp

1. Run `npm install gulp --save-dev` in Node.js command prompt
2. Add `node_modules` folder to the gitignore
3. Create a `gulpfile.js`

# Gulpfile

```
(function(){  
    'use strict';  
  
    var gulp = require('gulp'); // Initialization of the plugin  
  
    gulp.task('default', function(){  
        // Task body goes here  
    });  
})();
```

# Useful Plugins(<https://npmjs.com>)

- gulp-autoprefixer
- gulp-htmlmin
- gulp-imagemin
- gulp-cssnano (gulp-cssmin)
- gulp-concat (gulp-concat-css)
- gulp-uglify
- gulp-sass
- gulp-combine-mq (gulp-group-css-media-queries)
- gulp-livereload
- del
- gulp-order
- gulp-changed
- gulp-cache