



GRUNT 101

Making developers more productive
while keeping us lazy.

KCDC Presentation

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WHAT IS GRUNT JAVASCRIPT TASK RUNNER?

- JavaScript & CSS
 - Minimizer
 - Validator
 - Builder
- Basic Static Server/Proxy
- Build Tool
- Test Runner
- ... And much more (over 2,700 plug-ins)



GETTING SET UP

INSTALL NODE.JS

- Download & install Node from <http://nodejs.org/>
- npm init
- package.json

```
{  
  "name": "example-project",  
  "version": "0.1.0"  
}
```

NODE.JS BASICS

- Install Global Package

```
npm install -g {package}
```

- Install Package

```
npm install {package} -save
```

- Install Dev Package

```
npm install {package} -save-dev
```

INSTALL GRUNT

- `npm install -g grunt-cli`
- `npm install grunt -save-dev`

```
{  
  "name": "example-project",  
  "version": "0.1.0",  
  "devDependencies": {  
    "grunt": "^0.4.4"  
  }  
}
```




BASIC GRUNT FILE

DOWNLOAD THIS PRESENTATION

Presentation materials available for download on the Keyhole GitHub:

bit.ly/keyholekcdc14

Other Keyhole Presentations Available:

1. Java RESTful End Point Frameworks to Support the Shift to HTML5 SPA
2. Advanced JavaScript Debugging Techniques for Agile Teams
3. JSF in the Modern Age

Stop by Keyhole Software's booth to talk about career opportunities with my team & get entered to win an HP Chromebook 14.