

reveal-md

How to use `reveal-md` to create `reveal.js` presentations with `markdown` while maintaining a separation of `content` and `presentation` a la `csszengarden`

..

created by `csteel` | 2018-10-01 | `src` | `pdf`

reveal.js

The **reveal.js** framework has been around a while and includes many features:

- Nested slides
- PDF export
- Speaker notes and timer.
- A JavaScript API

reveal-md

reveal-md allows you to leverage reveal.js while maintaining a better separation of content, code and style.

- Focus on content.
- Maintain consistent styles.
- Separation is voluntary, nothing prevents you from mixing in code when required.

Requirements

- git
- npm
- reveal-md

Instructions to follow

Installing npm in your home directory

To download v8.12.0 of nodejs run the following commands:

```
mkdir -p ~/bin  
cd ~/bin  
wget https://nodejs.org/dist/v8.12.0/node-v8.12.0-linux-x64.tar.xz  
wget https://nodejs.org/dist/v8.12.0/SHASUMS256.txt.asc  
grep node-v8.12.0-linux-x64.tar.xz SHASUMS256.txt.asc | sha256sum
```

Confirm our checksum:

```
node-v8.12.0-linux-x64.tar.xz: OK
```

Unarchive node.js

Next we extract the contents of our tar file to our
~/bin directory.

```
tar -xf node-v8.12.0-linux-x64.tar.xz
```

This will create a new directory:

```
~/bin/node-v8.12.0-linux-x64/bin`
```

which contains the **npm** executable.

Make our npm the default npm

Add the following `export` command to the end of your `~/.bashrc` file.

```
export PATH=~/.bin/node-v8.12.0-linux-x64/bin:$PATH
```

Now source your `~/.bashrc` to apply the new `export` to your current terminal session.:

```
source ~/.bashrc
```

Testing your npm installation

Confirm that the npm version we installed is the first npm version on your path so that it gets executed whenever you run the npm command.

```
which npm
```

Output example:

```
/home/csteel/bin/node-v8.12.0-linux-x64/bin/npm
```


Testing the npm executable

Confirm that npm is working as expected:

```
npm --version
```

Output example:

```
6.4.1
```

installing reveal-md

```
npm install -g reveal-md
```

Test reveal-md

Confirm that the reveal-md executable is working as expected.

```
reveal-md --version
```

Output expected (when this was last edited):

```
2.4.0
```

Creating a new presentation

You can clone my repository and customize it the way you like to create your own base presentation.

My demo has includes three files

```
css/override.css  # Used to override css elements in the default th
reveal-md.json    # Used to configure presentation options
slides.md         # Where you create your slides using markdown
```

See [reveal-md documentation site](#) for detailed information.

Clone your base presentation

```
mkdir ~/projects/presentations/  
cd ~/projects/presentations  
git clone git@github.com:cjsteel/presentation-reveal-md-demo.git
```

Start the included server

In a terminal session start up reveal-md

```
cd my-presentation  
reveal-md -w slides.md --css css/override.css
```

Customize your presentation

In a second terminal session, or using your favorite GUI editor open slides.md for editing

```
nano slides.md
```

More to come

This demo is a **work in progress**... more to come.

Create a PDF

Create or update a PDF version of your presentation

```
reveal-md slides.md --css css/override.css --print resources/revea
```


Create a static demo

Creating a local static copy of your demo might be a good idea as a backup.

```
reveal-md slides.md --css css/override.css --static
```

