

Jekyll 3 Fuckery (2016)

Hi! This project is (at least at this initial stage) just a toy to figure out if Jekyll 3 is something we should fuck with for websites.

Work Log:

2016-01-08: [Install Jekyll 3 using Bundler to keep it isolated and not require any gems be installed at the system level.](#)

Install Jekyll 3 using Bundler to keep it isolated and not require any gems be installed at the system level.

2016-01-08

So wow, Bundler was not even fucking installed on my local machine! So, that is step 1:

```
[mason@IT-PC-MACPRO Desktop]$ mkdir jekyll-3-fuckery
[mason@IT-PC-MACPRO Desktop]$ cd jekyll-3-fuckery/
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ mate Gemfile
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ bundle install --path vendor/bundle
-bash: bundle: command not found ← WHUT 😞
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ sudo gem install bundler
Password:
Fetching: bundler-1.11.2.gem (100%)
Successfully installed bundler-1.11.2
Parsing documentation for bundler-1.11.2
Installing ri documentation for bundler-1.11.2
1 gem installed
[mason@IT-PC-MACPRO jekyll-3-fuckery]$
```

OK, then. (Bundler is the one system gem we allow to be required; then all other gems can be restricted to the project that requires them.)

```
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ bundle install --path vendor/bundle
Fetching gem metadata from https://rubygems.org/.....
Fetching version metadata from https://rubygems.org/...
Fetching dependency metadata from https://rubygems.org/..
Resolving dependencies...
Rubygems 2.0.14 is not threadsafe, so your gems will be installed one at a time. Upgrade to
Rubygems 2.1.0 or higher to enable parallel gem installation.
Installing colorator 0.1
Installing ffi 1.9.10 with native extensions
Installing sass 3.4.20
Installing rb-fsevent 0.9.7
Installing kramdown 1.9.0
Installing liquid 3.0.6
Installing mercenary 0.3.5
Installing rouge 1.10.1
Installing safe_yaml 1.0.4
Using bundler 1.11.2
Installing rb-inotify 0.9.5
Installing jekyll-sass-converter 1.4.0
Installing listen 3.0.5
Installing jekyll-watch 1.3.0
Installing jekyll 3.0.1
Bundle complete! 1 Gemfile dependency, 15 gems now installed.
Bundled gems are installed into ./vendor/bundle.
[mason@IT-PC-MACPRO jekyll-3-fuckery]$
```

We don't care about that Rubygems warning, because this is just supposed to work on any stock Mac machine. So, what did that create for us?

```
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ ls -la
total 32
drwxr-xr-x  7 mason  staff   238 Jan  8 11:39 .
drwx-----+ 11 mason  staff   374 Jan  8 11:35 ..
-rw-r--r--@  1 mason  staff  6148 Jan  8 11:39 .DS_Store
drwxr-xr-x  3 mason  staff   102 Jan  8 11:38 .bundle
-rw-r--r--@  1 mason  staff    44 Jan  8 11:36 Gemfile
-rw-r--r--  1 mason  staff   737 Jan  8 11:39 Gemfile.lock
drwxr-xr-x  3 mason  staff   102 Jan  8 11:38 vendor
```

OK, so let's create a .gitignore file to ignore that entire vendor directory; Bundler will recreate that as needed, and sometimes it contains machine-specific native binary crud.

```
[mason@IT-PC-MACPRO jekyll-3-fuckery]$ echo vendor >> .gitignore
```

...and commit that shit.

→ **4c6e3b9826f6acc27d9398501214c54c8e2fe80f**

Next, let's create the default new site with Jekyll 3. Hmm, Jekyll 3.what?

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ bundle exec jekyll --version
jekyll 3.0.1
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$
```

OK, 3.0.1, cool.

Having to type "bundle exec" is a slight annoyance, but we can fix that later, and even if we don't, it is worth it to keep everything isolated in this one project. Installing gems (other than Bundler) at the system level on OS X does not promote good mental health.

Since Jekyll itself is not installed globally, if we forget the "bundle exec", we get a helpful error:

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ jekyll new website
-bash: jekyll: command not found
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$
```

OK, so do it:

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ bundle exec jekyll new website
New jekyll site installed in /Users/mason/Desktop/jekyll-3-fuckery/website.
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$
```

It creates a new directory in our project, with the name "website" that we supplied:

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ ls -al
total 40
drwxr-xr-x  10 mason  staff   340 Jan  8 11:49 .
drwx-----+ 11 mason  staff   374 Jan  8 11:35 ..
-rw-r--r--@  1 mason  staff  6148 Jan  8 11:49 .DS_Store
drwxr-xr-x   3 mason  staff   102 Jan  8 11:38 .bundle
drwxr-xr-x  11 mason  staff   374 Jan  8 11:47 .git
-rw-r--r--@  1 mason  staff    7 Jan  8 11:46 .gitignore
-rw-r--r--@  1 mason  staff   44 Jan  8 11:36 Gemfile
-rw-r--r--  1 mason  staff  737 Jan  8 11:39 Gemfile.lock
drwxr-xr-x   3 mason  staff   102 Jan  8 11:38 vendor
drwxr-xr-x  12 mason  staff   408 Jan  8 11:49 website
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$
```

Inside that folder is a bunch of default content, which is [explained on the Jekyll website](#):

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ ls -la website/
total 56
drwxr-xr-x  15 mason  staff   510 Jan  8 11:51 .
drwxr-xr-x  12 mason  staff   408 Jan  8 13:12 ..
```

```

-rw-r--r--@ 1 mason staff 6148 Jan 8 11:52 .DS_Store
-rw-r--r-- 1 mason staff 35 Jan 8 11:49 .gitignore
drwxr-xr-x 3 mason staff 102 Jan 8 11:51 .sass-cache
-rw-r--r-- 1 mason staff 891 Jan 8 11:49 _config.yml
drwxr-xr-x 9 mason staff 306 Jan 8 11:49 _includes
drwxr-xr-x 5 mason staff 170 Jan 8 11:49 _layouts
drwxr-xr-x 3 mason staff 102 Jan 8 11:49 _posts
drwxr-xr-x 5 mason staff 170 Jan 8 11:49 _sass
drwxr-xr-x 7 mason staff 238 Jan 8 11:51 _site
-rw-r--r-- 1 mason staff 536 Jan 8 11:49 about.md
drwxr-xr-x 3 mason staff 102 Jan 8 11:49 css
-rw-r--r-- 1 mason staff 1291 Jan 8 11:49 feed.xml
-rw-r--r-- 1 mason staff 506 Jan 8 11:49 index.html
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$

```

Before we modify any of the website contents, let's commit the virgin website as auto-generated by Jekyll.

→ 45165d144fc4c22e2833fac21f07f5f6c64a0b1e



So... Miller Time?