

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: [Run Jekyll 3 and see how it works with the default auto-generated site.](#)

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 ..
```

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

```

-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?

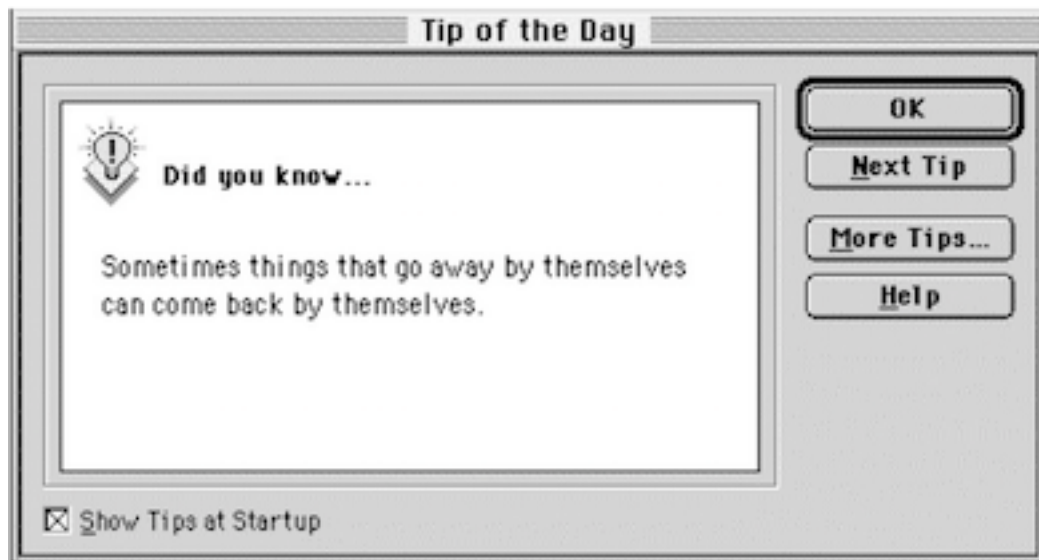
Run Jekyll 3 and see how it works with the default auto-generated site

2016-01-08

OK, so in our last episode, Magnum was standing on the deck of the USS Jekyll, but it had a huge hole in the hull, and was rapidly sinking, while hungry sharks circled ravenously, but then T.C. came buzzing over the horizon in his MD500 chopper and...

```
[mason@IT-PC-MACPRO website (master)]$ bundle exec jekyll serve
Configuration file: /Users/mason/Desktop/jekyll-3-fuckery/website/_config.yml
  Source: /Users/mason/Desktop/jekyll-3-fuckery/website
  Destination: /Users/mason/Desktop/jekyll-3-fuckery/website/_site
Incremental build: disabled. Enable with --incremental
Generating...
done in 0.385 seconds.
Auto-regeneration: enabled for '/Users/mason/Desktop/jekyll-3-fuckery/website'
Configuration file: /Users/mason/Desktop/jekyll-3-fuckery/website/_config.yml
  Server address: http://127.0.0.1:4000/
  Server running... press ctrl-c to stop.
^C[mason@IT-PC-MACPRO website (master)]$
```

Woo hoo! It works! But:



Hmm. That is indeed true. And, mathematically speaking, the corollary must be that sometimes things that work the first time can stop working by themselves. Which is what **seems to** happen the second time we try to run **jekyll serve**. 😞

```
[mason@IT-PC-MACPRO jekyll-3-fuckery (master)]$ bundle exec jekyll serve
Configuration file: none
  Source: /Users/mason/Desktop/jekyll-3-fuckery
  Destination: /Users/mason/Desktop/jekyll-3-fuckery/_site
Incremental build: disabled. Enable with --incremental
Generating...
Error reading file /Users/mason/Desktop/jekyll-3-fuckery/vendor/bundle/ruby/2.0.0/gems/
jekyll-3.0.1/lib/site_template/_posts/0000-00-00-welcome-to-jekyll.markdown.erb: Invalid
date '
```