

My teams use development environments powered by [Vagrant](#), which I *highly* recommend. This however requires we either maintain or manage a variety of recipes/cookbooks, or that we bootstrap our dev virtual machines identically. I generally prefer the latter to avoid issues with connecting to Chef that have burned me in the past, or just general third-party woes. Bootstrapping an app then requires some scripting to properly setup Ruby and thereby [Compass](#) and [Sass](#) gems which we use for compiling our assets.

That being said, we've chosen to use [RVM](#) instead of rbenv or any of the alternatives just because it suits us best. I'm not evangelical one way or the other.

We've essentially taken [this superb guide](#) from *AJ O'Neal* and made a crisp little bash script. Finally, the meat of the script. We put this in every bootstrap script to setup the basics of ruby/compass/sass:

```
#!/bin/bash

sudo chmod -R 0777 /home/vagrant
sudo chown vagrant:vagrant -R /home/vagrant

echo 'Installing Vennli Frontend Tools..'
sudo apt-get install -y npm -y
sudo npm config set registry http://registry.npmjs.org/
sudo npm install source-map -g
sudo npm update --save-dev
sudo npm install uglify-js@1.3 -g

echo 'Installing Ruby and Gems..'
sudo apt-get remove --purge ruby-rvm ruby
sudo rm -rf /usr/share/ruby-rvm /etc/rmvrvc /etc/profile.d/rvm.sh
rm -rf ~/.rvm* ~/.gem/ ~/.bundle*
echo 'gem: --no-rdoc --no-ri' >> ~/.gemrc
echo "export rvm_max_time_flag=20" >> ~/.rvmrc
```

```
#tail ~/.gemrc
echo "[[ -s '${HOME}/.rvm/scripts/rvm' ]] && source
'${HOME}/.rvm/scripts/rvm'" >> ~/.bashrc
curl -L https://get.rvm.io | bash -s stable --ruby
sudo gpg --keyserver hkp://keys.gnupg.net --recv-keys
409B6B1796C275462A1703113804BB82D39DC0E3

#source /home/vagrant/.rvm/scripts/rvm
source /usr/local/rvm/scripts/rvm

# Fix permissions and add Vagrant to the RVM group
sudo rvm group add rvm vagrant
sudo rvm fix-permissions

# Now that permissions are fixed, install ruby 2.2.2
sudo rvm install 2.2.2

gem install cyaml
gem install compass
gem install sass
gem install bundler

# Reinstall ruby 1.9.3 for backwards compatability
sudo bash -c "rvm reinstall 1.9.3"

# Use Ruby 2.2.2 by default globally
sudo rvm --default use 2.2.2
```