How to Install Ruby on CentOS/RHEL 7/6

Step 1 – Installing Requirements

yum install gcc-c++ patch readline readline-devel zlib zlib-devel libffi-devel \ openssl-devel make bzip2 autoconf automake libtool bison sqlite-devel

Step 2 – Install RVM

curl -sSL https://rvm.io/mpapis.asc | gpg2 --import -
curl -sSL https://rvm.io/pkuczynski.asc | gpg2 --import -

After that install the latest stable RVM version on your system.

curl -L get.rvm.io | bash -s stable

Once the installation finished, run below command to load the RVM environment.

source /etc/profile.d/rvm.sh
rvm reload

Step 3 – Verify Dependencies

rvm requirements run

Step 4 – Install Ruby on CentOS

rvm list known
rvm install 2.7

Step 5 – Setup Default Ruby Version

rvm list

```
   ruby-2.4.4 [ x86_64 ]
 * ruby-2.5.1 [ x86_64 ]
=> ruby-2.7.0 [ x86_64 ]

# => - current
# =* - current && default
#  * - default
```

After that use rvm command to set up the default ruby version to be used by applications.

rvm use 2.7 –default

Step 6 – Verify Active Ruby Version

ruby --version

Install R10K

gem install r10k

How to download modules

1. mkdir testR10K
2. cd testR10K
3. vi environment.conf
4. copy below code in environment.conf
   manifest = manifest/site.pp
   modulepath = modules:site:$basemodulepath
   environment_timeout = 0
5. vi Puppetfile
6. copy below code in Puppetfile
   mod 'module_name',
      :git   => 'git link',
      :branch => 'master',
      :ref   => 'commit'
7. mkdir manifests modules
8. vi manifests/site.pp and add #site.pp in site.pp

Now run r10k puppetfile install to download the modules and see the downloaded modules in modules folder