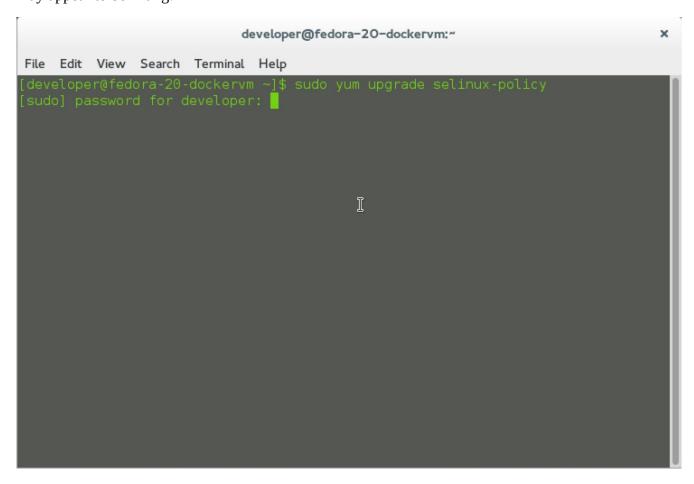
Installing Docker on Fedora 20

Preparing to Install Docker

First you need to ensure your selinux-policy is up to date. Run sudo yum upgrade selinux-policy in the terminal to do so. Beware this upgrade takes a while to run and at times may appear to be "hung."



You'll be notified when the upgrade is complete:

Restart your system before proceeding.

Install Docker

This is as simple as running sudo yum install docker-io in the terminal:

```
developer@fedora-20-dockervm:~ x

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[developer@fedora-20-dockervm ~]$ sudo yum install docker-io
[sudo] password for developer:
```

When all is done the installation will say it's complete:

Start the Docker Service

There's a couple of things you need to do here. One is to get the Docker daemon running and the other is to ensure the Docker daemon is running when you restart. Run sudo systematl start docker to start the Docker daemon. Then run sudo systematl enable docker to ensure the Docker daemon is running when you restart your system.

```
developer@fedora-20-dockervm:~ x

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[developer@fedora-20-dockervm ~]$ sudo systemctl start docker
[developer@fedora-20-dockervm ~]$ sudo systemctl enable docker

ln -s '/usr/lib/systemd/system/docker.service' '/etc/systemd/system/multi-user.t

arget.wants/docker.service'

[developer@fedora-20-dockervm ~]$

[
]

[
]
```

Docker User Configuration

All Docker commands must be run as root by default, meaning you must continually use sudo to run Docker commands. This can be changed by adding yourself, in this example developer, to the docker group like so:

```
$ sudo usermod -a -G docker developer
```

You'll have to logout and re-login for the changes to take effect.

Test Docker Installation

Now that you have Docker installed, configured and running let's test the installation to ensure everything is running properly. To do so run the following in the terminal:

\$ docker run busybox cat /etc/os-release

If everything is running properly you should see results similar to this:

```
developer@fedora-20-dockervm:~ x

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[developer@fedora-20-dockervm ~]$ docker run busybox cat /etc/os-release
Unable to find image 'busybox' locally
busybox:latest: The image you are pulling has been verified

e72ac664f4f0: Pull complete
511136ea3c5a: Already exists
df7546f9f660: Already exists
e433a6c5b276: Already exists
Status: Downloaded newer image for busybox:latest
NAME=Buildroot
VERSION=2014.02
ID=buildroot
VERSION_ID=2014.02
PRETTY_NAME="Buildroot 2014.02"
[developer@fedora-20-dockervm ~]$
```

Congratulations! You now have Docker successfully installed and running on your system.