following directions assume you are using a recent stable release of the Ubuntu or
Fedora Linux distributions.

> Although we are not covering it here, Docker Desktop for Linux
> (https://docs.docker.com/desktop/linux/install) has been released and
> can be used on Linux if you would prefer running the Docker
> daemon on a local virtual machine instead of directly on your
> system.

Ubuntu Linux 22.04 (64-bit)

Let's take a look at the steps required to install Docker on the 64-bit version of
Ubuntu Linux 22.04.

> For up-to-date instructions or coverage of other versions of
> Ubuntu, see the Docker Community Edition for Ubuntu (https://
> dockr.ly/2NwNbuw).

These first two commands will ensure that you aren't running older versions of
Docker. The packages have been renamed a few times, so you'll need to specify
several possibilities here:

```
$ sudo apt-get remove docker docker.io containerd runc
$ sudo apt-get remove docker-engine
```

> It is safe to ignore apt-get errors that say "Unable to locate pack-
> age" or "Package is not installed."

Next, you will need to add the required software dependencies and *apt* repository for
Docker Community Edition. This lets us fetch and install packages for Docker and
validate that they are signed:

```
$ sudo apt-get update
$ sudo apt-get install \
    ca-certificates \
    curl \
    gnupg \
    lsb-release
$ sudo mkdir -p /etc/apt/keyrings
$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg |\
    sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
$ sudo chmod a+r /etc/apt/keyrings/docker.gpg
$ echo \
```

```
"deb [arch=$(dpkg --print-architecture) \
signed-by=/etc/apt/keyrings/docker.gpg] \
https://download.docker.com/linux/ubuntu \
$(lsb_release -cs) stable" |\
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

Now that you have the repository set up, run the following commands to in
Docker:

```
$ sudo apt-get update
$ sudo apt-get install \
    docker-ce \
    docker-ce-cli \
    containerd.io \
    docker-compose-plugin
```

Assuming you don't get any error messages, you now have Docker installed!

Fedora Linux 36 (64-bit)

Now let's take a look at the steps needed to install Docker on the 64-bit version
Fedora Linux 36.

For up-to-date instructions or coverage of other versions of Fedora,
see the Docker Community Edition for Fedora (*https://dockr.ly/
2NwNdTa*).

This first command will ensure that you aren't running older versions of Docker. As
on Ubuntu systems, the package has been renamed a few times, so you'll need to
specify several possibilities here:

```
$ sudo dnf remove -y \
    docker \
    docker-client \
    docker-client-latest \
    docker-common \
    docker-latest \
    docker-latest-logrotate \
    docker-logrotate \
    docker-selinux \
    docker-engine-selinux \
    docker-engine
```

Next, you will need to add the required software dependencies and *dnf* repository for
Docker Community Edition: