



# JERY Installation Guide

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# Requirements

JERY is meant to run on Linux Systems only (primarily RHEL and CentOS).

For this reason the following installation guide is mainly for RHEL.

Since JERY is running in a Docker image, a recent version of Docker needs to be installed on the system. This process is described in the following for RHEL.

- Docker install guides for other Linux distributions can be found under:
  - [Installation on Ubuntu](#)
  - [Installation on CentOS](#)
  - [Installation on Oracle Linux](#)





# Installation of Docker (for *RHEL*)

**STEP 1:** Log into your machine as a user with sudo or root privileges

**STEP 2:** Make sure your existing yum packages are up-to-date

```
$ sudo yum update
```

**STEP 3:** Add the yum repo yourself

```
$ sudo tee /etc/yum.repos.d/docker.repo <<-EOF
[dockerrepo]
name=Docker Repository
baseurl=https://yum.dockerproject.org/repo/main/centos/7
enabled=1
gpgcheck=1
gpgkey=https://yum.dockerproject.org/gpg
EOF
```



# Installation of Docker (for *RHEL*)

## STEP 4: Install the Docker package

```
$ sudo yum install docker-engine
```

## STEP 5: Start the Docker daemon

```
$ sudo service docker start
```

## STEP 6: Verify docker is installed correctly by running a test image in a container.

```
$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from hello-world
a8219747be10: Pull complete
91c95931e552: Already exists hello-world:latest: The image you are pulling has been verified. Important:
image verification is a tech preview feature and should not be relied on to provide security.
Digest: sha256:aa03e5d0d5553b4c3473e89c8619cf79df368babd1.7.1cf5daeb82aab55838d
Status: Downloaded newer image for hello-world:latest Hello from Docker.
```

```
      :                               :
      :                               :
      :                               :
```



# Installation of JERY

**RECOMMENDED:** Pull from Docker Hub

**STEP 1:** Open a new terminal and type

```
$ docker pull oraclekc/jery
```

**STEP 2:** Download and execute the run script ([download](#))



# Installation of JERY

Download from the GitHub page

**STEP 1:** Download the latest release from the GitHub page ([download](#))

**STEP 2:** Unzip the build file

**STEP 3:** Open a new terminal and navigate to the unzipped file (*jerydocker.tar*)

**STEP 4:** Import the unzipped file with the command

```
$ docker load < jerydocker.tar
```

**STEP 5:** Download the run script and execute it ([download](#))





# Installation of JERY

## Download from a Docker registry

*From within the HPE network*

**STEP 1:** Open a new terminal and type

```
$ sudo su
```

**STEP 2:** Login to HPE Docker Hub with your Windows NT credentials

```
$ docker login hub.docker.hpecorp.net
```

**STEP 3:** Pull the jerydocker image with the command

```
$ docker pull hub.docker.hpecorp.net/oraclekc/jery:latest
```

**STEP 4:** Rename the pulled image to jerydocker

```
$ docker tag hub.docker.hpecorp.net/oraclekc/jery oraclekc/jery
```

**STEP 5:** Download and execute the run script (download)







# Installation of JERY

## Download from a Docker registry

*From within the EPC network*

**STEP 1:** Open a new terminal and type

```
$ sudo su
```

**STEP 2:** Add *dockerregistry.oracle.epc.ext.hpe.com:5000* as an insecure registry ([how to](#))

**STEP 3:** Pull the jerydocker image with the command

```
$ docker pull dockerregistry.oracle.epc.ext.hpe.com:5000/jerydocker
```

**STEP 4:** Rename the pulled image to jerydocker

```
$ docker tag dockerregistry.oracle.epc.ext.hpe.com:5000/jerydocker oraclekc/jery
```

**STEP 5:** Download and execute the run script ([download](#))





# How to add an insecure Docker registry

There are two options for adding a registry with no authorization to Docker running on RHEL7 (on client which wants to push/pull to registry)

## Start Docker daemon with --insecure-registry

```
$ dockerd --insecure-registry= dockerregistry.oracle.epc.ext.hpe.com:5000
```

OR:

## Edit config of service to add --insecure-registry

Refer to <https://docs.docker.com/engine/admin/> (CentOS / Red Hat Enterprise Linux / Fedora > Configuring Docker)

### STEP 1: Create a new config file

```
$ sudo mkdir /etc/systemd/system/docker.service.d
$ sudo nano /etc/systemd/system/docker.service.d/docker.conf
```

\* continued on the next page



# How to add an insecure Docker registry

**STEP 2:** Add the following lines to the created docker.conf:

```
[Service]
ExecStart=
ExecStart=/usr/bin/dockerd --insecure-registry=dockerregistry.oracle.epc.ext.hpe.com:5000
And reload + restart the Docker daemon $ sudo systemctl daemon-reload
$ sudo systemctl restart docker
```

**STEP 3:** Check if “*dockerregistry.oracle.epc.ext.hpe.com:5000*” is added under the point “*Insecure Registries*” of docker info with:

```
$ docker info
```

