

# Dockerfiles

## 1. PYTHON Dockerfile -

### PYTHON Dockerfile

```
FROM jenkinsci/slave:3.35-3
USER root
RUN apt-get update && \
    apt-get install --no-install-recommends -y \
    python-pip \
    python-dev \
    pylint \
    && pip install --upgrade setuptools \
    && pip install wheel \
    && pip install xmlrunner \
    && pip install pyinstaller \
    && pip install nose coverage noseexcover \
    && rm -rf /tmp/downloaded_packages/ /tmp/*.rds \
    && rm -rf /var/lib/apt/lists/*
USER jenkins
```

## 2. R Dockerfile -

### R Dockerfile

```
FROM jenkinsci/slave
USER root
RUN echo "Docker!" |xargs chpasswd
RUN apt-get update && \
    apt-get install --no-install-recommends -y \
    r-base \
    libopenblas-base \
    && rm -rf /tmp/downloaded_packages/ /tmp/*.rds \
    && rm -rf /var/lib/apt/lists/* \
    apt-get install texinfo \
    apt-get install texlive \
    apt-get install texlive-full \
    apt-get install texmaker
USER jenkins
```

## 3. SCALA Dockerfile -

### SCALA Dockerfile

```
FROM jenkinsci/slave
USER root
RUN echo "Docker!" |xargs chpasswd
RUN apt-get --yes install openjdk-8-jre && \
    apt-get remove scala-library scala && \
    wget www.scala-lang.org/files/archive/scala-2.11.8.deb && \
    dpkg -i scala-2.11.8.deb && \
    echo "deb https://dl.bintray.com/sbt/debian /" | tee -a \
/etc/apt/sources.list.d/sbt.list && \
    apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv \
2EE0EA64E40A89B84B2DF73499E82A75642AC823 && \
    apt-get --yes install apt-transport-https ca-certificates && \
    apt-get update && \
    apt-get --yes install sbt
USER jenkins
```

#### 4. ANSIBLE Dockerfile -

### Ansible Dockerfile

```
FROM jenkinsci/slave:3.35-3
USER root
RUN apt-get update && \
    apt-get install --no-install-recommends -y \
    software-properties-common \
    ansible \
    python-lxml \
    && rm -rf /tmp/downloaded_packages/ /tmp/*.rds \
    && rm -rf /var/lib/apt/lists/*
USER jenkins
```

#### 5. Generic Jenkins Slave Dockerfile -

### Generic Jenkins Slave Dockerfile

```
FROM jenkinsci/slave:3.35-3
USER root
RUN apt-get update && \
    apt-get install --no-install-recommends -y \
    libopenblas-base \
    && rm -rf /tmp/downloaded_packages/ /tmp/*.rds \
    && rm -rf /var/lib/apt/lists/*
USER jenkins
```