

# 1 Download And SetUp Sqlplus

## 1.1 Requirment

### Download wget

- **wget** : is needed to download the instant client zip files from terminal
- **unzip** : to unzip the zip files

### Code Editor

- **Code Editor** : A code editor is needed to setup environment variable in the `~/.bashrc`

## 1.2 Installing Zip Packages

### Download Links

wget [https://download.oracle.com/otn\\_software/linux/instantclient/214000/instantclient-basic-linux.x64-21.4.0.0.0dbru.zip](https://download.oracle.com/otn_software/linux/instantclient/214000/instantclient-basic-linux.x64-21.4.0.0.0dbru.zip)

wget [https://download.oracle.com/otn\\_software/linux/instantclient/214000/instantclient-sqlplus-linux.x64-21.4.0.0.0dbru.zip](https://download.oracle.com/otn_software/linux/instantclient/214000/instantclient-sqlplus-linux.x64-21.4.0.0.0dbru.zip)

## 1.3 Creating /opt/orcale Directory

```
sudo mkdir -p /opt/oracle
```

## 1.4 Unzipping Downloaded Packages

```
sudo unzip -d /opt/oracle instantclient-basic-linux.x64-21.4.0.0.0dbru.zip  
sudo unzip -d /opt/oracle instantclient-sqlplus-linux.x64-21.4.0.0.0dbru.zip
```

## 1.5 Setting Up Environment Variable

```
export LD_LIBRARY_PATH=/opt/oracle/instantclient_21_4:$LD_LIBRARY_PATH  
export PATH=$LD_LIBRARY_PATH:$PATH  
source ~/.bashrc
```

## 1.6 Verifying Sucessfull Installation

```
sqlplus -V
```

Expected output is :

```
SQL*Plus: Release 21.0.0.0.0 - Production  
Version 21.4.0.0.0
```

## 2 Download And Setup Docker

### 2.1 Installing Docker

Docker

- Arch Based : `sudo pacman -S docker`
- Debian Based : `sudo apt install docker-ce`
- Fedora Based : `sudo dnf install docker-ce`

### 2.2 Starting Docker

```
sudo systemctl start docker  
sudo systemctl enable docker
```

### 2.3 Downloading Oracle Container

Pulling Oracle-xe

```
sudo docker pull gvenzl/oracle-xe
```