

Obsidian pdf test document-2

How to setup a laptop for a Developer

Install Ubuntu/Kubuntu

Fix BIOS Settings

You may need to change the Storage controller from Intel RST (RAID) to ACHI if the storage device isn't detected in the Ubuntu installer.

TIP

Install the ssh server to remotely configure device

```
sudo apt install openssh-server
```

Dev Tools

Add packages necessary for Dev Tools

```
sudo apt install php8.1-xml make php8.1-cli curl
```

AWS CLI

Install AWS CLI

```
curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o  
"awscliv2.zip"  
unzip awscliv2.zip  
sudo ./aws/install
```

IntelliJ

Install Idea Toolbox for IntelliJ Download Toolbox from

<https://www.jetbrains.com/toolbox-app/>

```
cd ~/Downloads  
tar xvzf jetbrains-toolbox-*
```

cd into the new jetbrains directory and run the installer After Toolbox launches, install the IntelliJ Ultimate application

Docker

Official Docker Instructions for Ubuntu

<https://docs.docker.com/engine/install/ubuntu/>

Uninstall old versions

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

Setup Docker Repo

1. Install required packages

```
sudo apt-get update
sudo apt-get install ca-certificates curl gnupg
```

2. Add Docker's official GPG Key

```
sudo install -m 0755 -d /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
```

3. Set up repository

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

4. Install Docker Engine

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

5. Verify that the Docker Engine installation is successful

```
sudo docker run hello-world
```

6. Manage Docker as a non-root user

```
sudo groupadd docker
sudo usermod -aG docker $USER
```

```
newgrp docker
docker run hello-world
```

7. Configure Docker to start on boot with systemd

```
sudo systemctl enable docker.service
sudo systemctl enable containerd.service
```