

Installation RIOT OS on Linux Ubuntu

Link reference: <https://github.com/RIOT-OS/Tutorials>

We installed RIOT OS on our VM based on this tutorial:

Regular Setup without using a VM (recommended for RIOT development)

1. Install and set up `git`:

<https://help.github.com/en/github/getting-started-with-github/set-up-git>

2. Install the build-essential packet (make, gcc etc.). This varies based on the operating system in use:

https://gist.github.com/jlblancoc/99521194aba975286c80f93e47966dc5?fbclid=IwAR0cidFCknn_Jmf3xxUnzpJDF3VnnsKofcggJJwfb1-Z1zax49cKWRDELag

3. Install Native dependencies:

<https://github.com/RIOT-OS/RIOT/wiki/Family:-native#dependencies>

4. Install OpenOCD:

<https://github.com/RIOT-OS/RIOT/wiki/OpenOCD>

5. Install GCC Arm Embedded Toolchain:

<https://launchpad.net/~team-gcc-arm-embedded/+archive/ubuntu/ppa>

6. Install netcat with IPv6 support (if necessary)

```
sudo apt-get install netcat-openbsd
```

7. `git clone --recursive` <https://github.com/RIOT-OS/Tutorials>

8. Go to the Tutorials directory: `cd Tutorials`

9. Install RIOT OS manual:

```
git clone https://github.com/RIOT-OS/RIOT.git
```