

MuntsOS Embedded Linux

Application Note #2: Development Environment Setup using Toolchain Tarballs

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Introduction

This application note describes how to install the application software development environment for **MuntsOS Embedded Linux** onto a computer running a 64-bit Linux distribution *other* than Debian 11 or Centos 9 or Fedora 37. (For Debian 11, refer to [Application Note #1](#). For CentOS 9 or Fedora 37, refer to [Applicaton Note #8](#).)

The **MuntsOS** cross-toolchains are built on and for 64-bit Debian 11 (Bullseye), but since the binaries within them are statically linked, it *may* be possible to use them on other 64-bit Linux distributions.

Use the following procedure to install the **MuntsOS** cross-toolchains from the tarballs published at <http://repo.munts.com/muntsos/tarballs>.

Installation Procedure

Step 1: Prepare the system for application software development by making sure the following Linux programs are installed:

- `git`
- `gprbuild`
- `make`
- `tar`
- `wget`

Step 2: Download the **MuntsOS** cross-toolchain tarballs with the following command:

```
wget -r -np http://repo.munts.com/muntsos/tarballs/
```

Step 3: Install the **MuntsOS** cross-toolchain tarballs with the following commands:

```
for T in repo.munts.com/muntsos/tarballs/*.tgz
do
    sudo tar xzf $T --directory=/usr/local
done
```