

# **MuntsOS Embedded Linux**

## ***Application Note #8: Development Environment Setup for RPM Distributions***

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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 RPM based x86-64 Linux distribution.

The **MuntsOS** cross-toolchain packages are built on and for x86-64 Debian 11 (Bullseye), but since the binaries within them are statically linked, it may be possible to use them on other x86-64 Linux distributions.

## RPM Based x86-64 Linux Distributions

RPM packages containing the **MuntsOS** cross-toolchains are available at:

<http://repo.munts.com/muntsos/rpms>

*Step 1:* Prepare your system with the following command:

```
sudo dnf install git gprbuild make tar wget
```

*Step 2:* Download and install the **MuntsOS** cross-toolchain packages with the following commands:

```
wget -r -np http://repo.munts.com/muntsos/rpms/  
sudo rpm -U repo.munts.com/muntsos/rpms/*.rpm  
rm -rf repo.munts.com
```

## Easy Setup Scripts

Scripts for certain RPM based x86-64 Linux distributions are available at:

<http://git.munts.com/muntsos/scripts/setup-fedora>     *Tested on Fedora 37.*

<http://git.munts.com/muntsos/scripts/setup-centos9>     *Tested on CentOS Stream 9.*

The following commands fetch and execute the easy setup script for Fedora Linux:

```
wget http://git.munts.com/muntsos/scripts/setup-fedora  
chmod 755 setup-fedora && ./setup-fedora && rm setup-fedora
```

If you have another RPM based x86-64 Linux distribution, you can probably adapt one of the above scripts.