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 64-bit RPM based Linux distribution.

The **MuntsOS** cross-toolchain packages 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.

RPM Based x86-64 Linux Distributions

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

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

You can download and install them 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.