Installing Mono and Nant on Fedora 10

Overview

This procedure describes how to successfully install Mono and Nant on Fedora 10.

The following assumptions are made in this discussion:

● The Operating System is *Fedora 10* with the *Gnome* desktop installed.

Install Mono

1. Start the *Package Manager* from the *Add/Remove Software* entry on the *System/Administration* menu:

2. Enter **mono** in the search box in the upper left column and click **Find**. When the search has completed, select the packages listed below, if not already installed. Check the missing packages and click the **Apply** button at the bottom right.

(mono-addins)	Addins for mono
(mono-basic)	VisualBasic.NET support for mono
(mono-core)	The Mono CIL runtime, suitable for running .NET code
(mono-data-sqlite)	sqlite database connectivity for Mono
(mono-debugger)	A debugger from Mono
(mono-extras)	Provides the infrastructure for running and building...
(mono-jscript)	JScript .NET support for Mono
(mono-locale-extras)	Extra locale information for Mono
(mono-nat)	.NET library for automatic port forwarding
(mono-ndoc)	Code Documentation Generator for .NET
(mono-nunit)	NUnit Testing Framework
(mono-nunit22)	Unit-testing framework for .NET
(mono-sharpcvslib)	Client cvs library written in C#
(mono-tools)	The mono documentation system
(mono-web)	ASP.NET, Remoting and Web Services for Mono
(mono-winform)	Windows Forms Implementation for Mono
(mono-zeroconf)	Mono-zeroconf namespace

Install Nant

1. Using a browser, download the Nant source from Novell

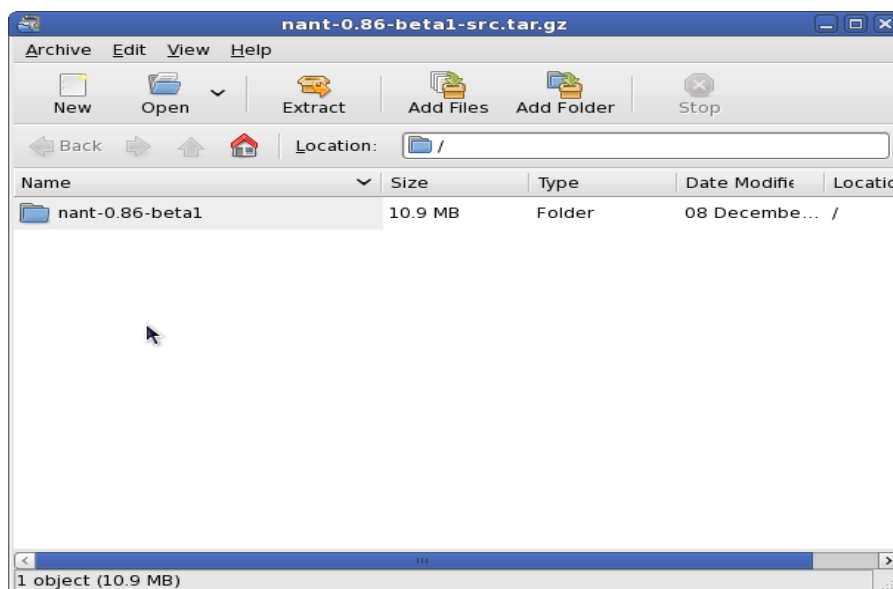   **http://ftp.novell.com/pub/mono/sources/nant/**

    At the time of this writing, the required package is
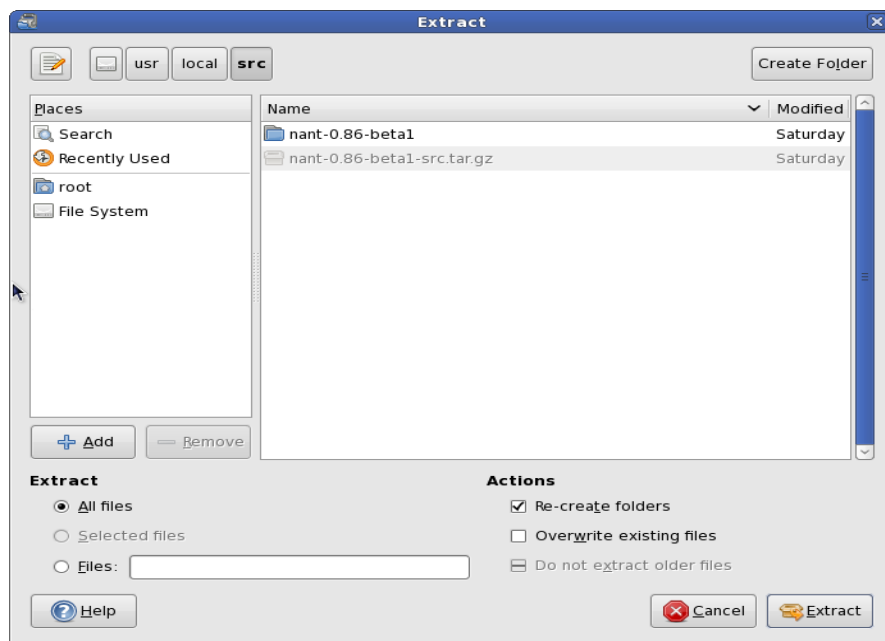
    nant-0.86-beta1-src.tar.gz

2. Open a terminal window and sign in as **root**. Move the downloaded file to the **/usr/local/src** folder. Navigate to the */usr/local/src* folder and uncompress and extract the source:

    ```
    [jay@fedora10 jay]$ su
    Password:
    [root@fedora10 jay]# mv nant-0.86-beta1-src.tar.gz /usr/local/src
    [root@fedora10 jay]# cd /usr/local/src
    [root@fedora10 tls]# file-roller
    ```

3. Click on the *Extract* button on the top menu bar,

4. Click on the *Extract* button on the bottom right corner of the window

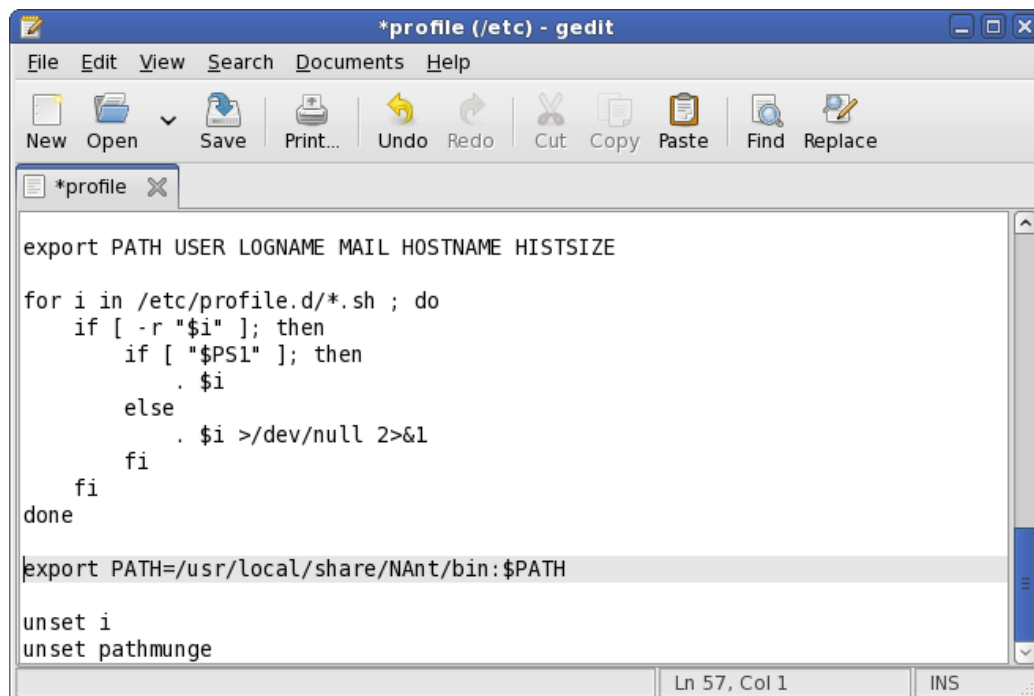5. Exit the **file-roller** when the extract has completed.

6. Make **Nant** from the terminal window:

    [root@fedora10 tls]# **cd nant-0.86-beta1**
    [root@fedora10 tls]# **make**
    [root@fedora10 tls]# **make install prefix=/usr/local/share/Nant**
    [root@fedora10 tls]# **make clean**

7. Edit **/etc/profile**:

    [root@fedora10 tls]# gedit /etc/profile

8. Add the path to **Nant** to the end of the file:

```
export PATH USER LOGNAME MAIL HOSTNAME HISTSIZE

for i in /etc/profile.d/*.sh ; do
    if [ -r "$i" ]; then
        if [ "$PS1" ]; then
            . $i
        else
            . $i >/dev/null 2>&1
        fi
    fi
done

export PATH=/usr/local/share/NAnt/bin:$PATH

unset i
unset pathmunge
```

9. *Logout* and *re-login* to make the changes available.