

VMware Fusion 1.1.2 and Ubuntu 8.04/Linux 2.6.24 - Step By Step

All credit goes to [Mufassa](#) for coming up with the excellent approach to installing VMware Tools on recent Linux distros. I turned it into a [step-by-step post](#) on my blog.

In summary:

- Install any dependencies not shipped with a default Ubuntu install (build-essentials, libgtk2.0-dev, libproc-dev, libdumbnet-dev, xorg-dev)
- Get the official and open tools, and extract them
- Compile the open tools
- Rename and tar them as expected by the official tools
- Overwrite the official tools archives with the open ones
- Install them using the official tools install script

First, you'll need to add several packages, either via Synaptic or apt-get:

- build-essentials, libgtk2.0-dev, libproc-dev, libdumbnet-dev
- xorg-dev **OR** libX11-dev, libxinerama-dev, libxrandr-dev, libxtst-dev

A couple of these are new - libdumbnet and libproc were added as dependencies in the 2008-04-14 version of the tools, so other guides you see likely won't list these.

Next, download and untar both the open tools and the official ones:

- [Open VM Tools](#) at SourceForge
- Official Tools are included on an iso that can be mounted via the standard VMware GUI - when mounted you want the tar.gz, not the rpm.
- Move these somewhere convenient; I recommend the desktop.
- Use "tar -xvzf file.tar" on each to expand.

Compile the open tools (if you have your dependencies straightened out, this should be fast and easy):

```
1) cd open-vm-tools-*/
```

```
2) ./configure && make
```

Next, package up the compiled modules:

```
3) cd modules/linux/
```

```
4) for dir in *; do mv ${dir} ${dir}-only; tar cf ../../vmware-tools-distrib/lib/modules/source/${dir}.tar ${dir}-only; mv ${dir}-only ${dir}; done
```

```
5) cd ../../..
```

Finally, install the updated tools:

6) `cd vmware-tools-distrib`

7) `./vmware-install.pl`

A few notes:

- If you disabled Shared Folders in your VM config, you'll see a message "Mounting HGFS shares: failed". Just enable shared folders and reboot.
- Networking does not seem to properly configure itself when on the default "roaming" mode. I'm honestly not sure what is wrong here, but switching it to manual configuration with DHCP or static IP works fine.
- While this was all done on Ubuntu 8.04, I expect it will work fine in the future for new Linux versions and distributions.

Enjoy!

This document was generated from the following thread: [VMWare Fusion 1.1.2 and Ubuntu 8.04/Linux 2.6.24 - Step By Step](#)