# On the DVD

**BRAND NEW RELEASE!**

## Knoppix 7.0
### The world's greatest Live distro

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Although this Linux Magazine disc has been tested and is to the best of our knowledge free of malicious software and defects, Linux Magazine cannot be held responsible, and is not liable for any disruption, loss, or damage to data and computer systems related to the use of this disc.

**FULL DVD VERSION**

EcoDisc
D V D  R O M

* 9 GB of Linux software on a full DVD
* Runs directly from the disc
* Installs easily on USB sticks
* Includes KDE 4.6.5, Chromium 16, LibreOffice 3.4, and much more
* Compatible with Debian "squeeze"

**DEFECTIVE DVD?**
Defective DVDs will be replaced. Please send an email to subs@linux-magazine.com.

## KNOPPIX 7.0

This month's *Linux Magazine* DVD is the brand new Knoppix 7.0 Live distro [1] [2] in 32- and 64-bit options. Knoppix 7.0, which is based on kernel 3.2.4, excels as a system rescue and trouble-shooting tool but also includes the latest desktop software, such as LibreOffice 3.4.5, Iceweasel (Firefox) 10.0, Chromium 16, LXDE, KDE 4.4.5, Gnome 3.2.2.

To boot into the 64-bit kernel, type `knoppix64` at the boot prompt [3]. For this *Linux Magazine* exclusive DVD, some additional software has been added to the Live image, including Acrobat Reader 9.4.2, Flash Plugin 11.1, and nxclient/nxnode/nxserver 3.5.0. Knoppix 7.0 is based on Debian squeeze, with some packages from Debian Testing and Unstable.

Although typically used as a Live system, Knoppix can also be installed on a hard disk. Machines supporting boot-up from USB devices can load Knoppix Live from a USB stick.

## KNOPPIX REMASTERING LIGHT

Building a new, bootable DVD with custom data – such as presentations, videos, or music – is easy with Knoppix.

1. Copy the DVD contents to a folder:

```
mkdir -p master/dvd
cp -av /media/sr0/* master/dvd/
```

2. Make the copy writable:

```
chmod -R u+w master/dvd
```

3. Remove *Linux Magazine*-specific add-ons:

```
rm -fv master/dvd/KNOPPIX/KNOPPIX1
```

4. Add your own data:

```
cp -rv mydata master/dvd
```

5. Modify the language, boot options, or both:

```
leafpad master/dvd/boot/isolinux/isolinux.cfg
```

6. Create a new ISO image, `dvd.iso`:

```
mkisofs -r -J -no-emul-boot -boot-load-size 4
        -boot-info-table -b boot/isolinux/isolinux.bin
        -c boot/isolinux/boot.cat -hide-rr-moved
        -o master/dvd.iso master/dvd
```

## ADDITIONAL RESOURCES

[1] Knoppix wiki: *http://www.knoppix.net/wiki/Main_Page*

[2] Knoppix forums: *http://www.knoppix.net/forum/*

[3] Knoppix cheat codes (on the DVD): `/KNOPPIX/knoppix-cheatcodes.txt`