

WMLUG Meeting Notes - October 2006

by P. TenHooopen

KBackup

A simple to use backup program. Select what directories/files you want to backup, select where to create the backup and click the "Start Backup" button. Profiles can be created that save these settings for later use. It stores the backed up files in a tar file. Optionally, you can set the max size of the resulting tar file which will then slice up the file to fit on CDs for example. When the tar file is created locally, it compresses each backed up file in the tar file. When stored remotely, the backed up files are not compressed, but the entire tar file gets compressed. It has no recovery mode. You have to open up the tar file and extract the files you need.

<http://www.kde-apps.org/content/show.php?content=44998>

KArchiver

This program allows you to create and work with tar files. You can create a new archive and then select the directories and files to put into it. You can later add files to the archive by clicking and dragging them into the opened archive. The archives or portions of them can be extracted/restored. To extract files, open the archive and right click the files you want restored, and then select where to extract them. Files can also be dragged out of the archive interactively for extraction. The archive can be split into smaller chunks after it's been created or the chunks recombined/unsplit later. KArchiver can also translate the archive into different formats such as .gz to .zip.

<http://www.kde-apps.org/content/show.php?content=10316>

Konserve

When running it has an icon in the system tray. It utilizes a friendly wizard to guide you through setting up a backup profile. The backups can be scheduled to repeat at intervals. However, I couldn't tell it when to start the backup, only the interval. It works nicely to save periodic backups of files you edit for long periods of time such as reports, web pages during design or source code, that may benefit from snapshots. The backup only occurs if the files or directories have changed. An on-demand backup can be run by right-clicking the Konserve icon and left-clicking the backup profile name. An FTP server can be set as the destination but the restore function is not supported for remote use. You can restore the entire backup to the original location but not individual files and the original location can't be there otherwise it reports an error. The backup file, a compressed tar file, however, can be managed with another tool such as Ark or KArchiver.

<http://www.kde-apps.org/content/show.php?content=10874>

KDar

KDar is a full featured backup and archiving utility. It is based on the Dar program and is better suited to making backups for disk media than the tar program alone. It supports encryption, differential backups, slices, compression, and file filtering. It has an easy to use restore system for restoring just one file or the entire archive. Archives can also be compared to the filesystem using the diff function to see what files have changed since the archive was created.

<http://www.kde-apps.org/content/show.php?content=10367>

Magic Settings Wizard

This is a python-based program that saves application settings to an FTP site. It supports applications such as Firefox, Amarok, and many others.

<http://www.kde-apps.org/content/show.php?content=34206>

Xming

Xming is an X server for Windows. With it you can run remote X programs on a Linux computer and view the output on your Windows computer. It is an easy install on Windows. It can provide a full X session (background and everything) like you were local or it can display the applications themselves as windows on the Windows desktop. It resides totally in one directory and can be run from a flash drive.

Installing Xming and setting up the Linux hosts

Install Xming but don't launch it at the end. Create the four line `runx.bat` file that they recommend so that it contains the IP addresses of the hosts involved like so:

```
@echo off
SET DISPLAY=127.0.0.1:0.0
SET REMOTE_HOST=10.7.1.96
SET LOCAL_HOST=10.7.1.99
start Xming -query %REMOTE_HOST% -nodecoration -lesspointer -from %LOCAL_HOST% -notrayicon -clipboard
```

That does it for the Windows side. Now, some changes need to be made on the remote Linux host:

Xdmcp

Edit the `/opt/kde3/share/config/kdm/kdmrc` file and enable it under the `[Xdmcp]` section. Note that this path is valid on SuSE but may be different on other distributions.

Xaccess

Verify that the `/etc/X11/xdm/Xaccess` file has a

```
* #any host can get a login window
```

setting. Note that the location of this file is referenced in the `kdmrc` file and may be different.

sshd

Edit the `/etc/ssh/sshd_config` file and set the following settings:

```
X11Forwarding yes
X11DisplayOffset 10
X11UseLocalhost yes
```

After the files are changed, restart `sshd` and `kdm` separately or reboot to enable the changes.

Using Xming

Fullscreen mode

Run the batch file and it should bring up a login prompt, KDE or GNOME. Login with your Linux credentials and you should be able to run things as usual but they will, of course, be a little slower than normal. Please note that this is running unsecured over the network.

Windowed mode

Install the Putty utility on your Windows computer. It is a great little program that provides an interface for ssh, ftp, etc., logins. You can set up a profile that contains the settings for your Linux box IP and ssh settings. Make sure that X Forwarding is turned on.

Create a shortcut to the Xming program with this as the target:

```
"C:\Program Files\Xming\Xming.exe" :0 -clipboard -multiwindow
```

Change the path as needed. Run this shortcut and then connect via ssh with Putty to your

Linux box and log in. Now, run an X program. It will show up on your Windows screen in a separate window. This is running secured over the network.

Xming installation notes/tips/references

Notes/tips on running Xming in fullscreen window:

<http://www.freedesktop.org/wiki/Xming#head-9e6cd57ef2102b2d335a76d842f97bd3e1bab9a>

Notes/tips on running Xming in multiple windows using Putty:

http://solaris.reys.net/english/2006/04/x11_forwarding

Additional configuration notes and options for Xming:

<http://www.straightrunning.com/XmingNotes/>

http://help.nceas.ucsb.edu/index.php/Install_and_run_an_X_server_on_Windows

Putty download:

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>