

## How To Update WD MY BOOK LIVE with Servio Media Server and latest complete FFmpeg

by DoubleT on <http://forum.servio.org>

A Thank you to all the guys in the forum, with their published scripts and info helped creating this document.

This how to will add to WD My Book Live:

- OPTWARE PACKAGES;
- DEBIAN SQUEEZE MULTIMEDIA PACKAGES;
- OPENJDK 1.6\*;
- FFmpeg v0.7.13 WITH COMPLETE MULTIMEDIA SUPPORT;
- SERVIIO v0.6.2;
- SERVIIO WEB INTERFACE v1.0.2 PHP BASED;

\* A different JDK 1.6 can be used (I did it), like IBM PowerPC 32bit version [ibm-java-jre-6.0-11.0-linux-ppc.bin], because it has enabled the JIT compiler (more powerfull?), while the Debian's OpenJDK not. Maybe I will update this guide with this extra feature in future...

### NOTE:

- Servio v0.6.2 was selected because latest one v1.0.x requires different command line parameters, from newer version of ffmpeg, for the phase of transcoding;

- Commands sent using Putty or SSH shell are reported as a row with yellow background, these are the commands user must send!

- All process is filled with results from commands sent, to give a complete reference of this process.

[after enabling ssh support via [http://<my\\_book\\_live\\_ip>/UI/ssh](http://<my_book_live_ip>/UI/ssh) and logged in using ssh or putty]

```
MyBookLive:~# wget http://mybookworld.wikidot.com/local--files/optware/setup-mybooklive.sh
```

```
MyBookLive:~# sh setup-mybooklive.sh
```

```
MyBookLive:~# echo "export PATH=$PATH:/opt/bin:/opt/sbin" >> /root/.bashrc
```

```
MyBookLive:~# echo "export PATH=$PATH:/opt/bin:/opt/sbin" >> /etc/profile
```

```
MyBookLive:~# . .bashrc
```

```
MyBookLive:~# ipkg install nano
```

```
Installing nano (2.2.6-1) to /opt/...
```

```
Downloading http://ipkg.nslu2-linux.org/feeds/optware/ds101g/cross/stable/nano_2.2.6-1_powerpc.ipk
```

```
Installing ncurses (5.7-1) to /opt/...
```

```
Downloading http://ipkg.nslu2-linux.org/feeds/optware/ds101g/cross/stable/ncurses_5.7-1_powerpc.ipk
```

```
Configuring nano
```

```
Configuring ncurses
```

```
update-alternatives: Linking //opt/bin/clear to /opt/bin/ncurses-clear
```

```
Successfully terminated.
```

```
MyBookLive:~# nano
```

```
MyBookLive:~# ipkg install coreutils
```

```
Installing coreutils (8.4-1) to /opt/...
```

```
Downloading http://ipkg.nslu2-linux.org/feeds/optware/ds101g/cross/stable/coreutils_8.4-1_powerpc.ipk
```

```
Configuring coreutils
```

```
update-alternatives: Linking //opt/bin/[ to coreutils-lbracket
```

```
update-alternatives: Linking //opt/bin/base64 to coreutils-base64
```

```
update-alternatives: Linking //opt/bin/basename to coreutils-basename
```

```
update-alternatives: Linking //opt/bin/cat to coreutils-cat
```

```
update-alternatives: Linking //opt/bin/chcon to coreutils-chcon
```

```
update-alternatives: Linking //opt/bin/chgrp to coreutils-chgrp
```

```
update-alternatives: Linking //opt/bin/chmod to coreutils-chmod
```

```
update-alternatives: Linking //opt/bin/chown to coreutils-chown
```

```
update-alternatives: Linking //opt/bin/chroot to coreutils-chroot
```

```
update-alternatives: Linking //opt/bin/cksum to coreutils-cksum
```

```
update-alternatives: Linking //opt/bin/comm to coreutils-comm
```

```
update-alternatives: Linking //opt/bin/cp to coreutils-cp
```

```
update-alternatives: Linking //opt/bin/csplit to coreutils-csplit
```

```
update-alternatives: Linking //opt/bin/cut to coreutils-cut
```

```
update-alternatives: Linking //opt/bin/date to coreutils-date
```

```
update-alternatives: Linking //opt/bin/dd to coreutils-dd
```

```
update-alternatives: Linking //opt/bin/df to coreutils-df
```

```
update-alternatives: Linking //opt/bin/dir to coreutils-dir
```

```
update-alternatives: Linking //opt/bin/dircolors to coreutils-dircolors
```

```
update-alternatives: Linking //opt/bin/dirname to coreutils-dirname
```

```
update-alternatives: Linking //opt/bin/du to coreutils-du
```

```
update-alternatives: Linking //opt/bin/echo to coreutils-echo
```

```
update-alternatives: Linking //opt/bin/env to coreutils-env
```

```
update-alternatives: Linking //opt/bin/expand to coreutils-expand
```

```
update-alternatives: Linking //opt/bin/expr to coreutils-expr
```

```
update-alternatives: Linking //opt/bin/factor to coreutils-factor
```

```
update-alternatives: Linking //opt/bin/false to coreutils-false
```

```
update-alternatives: Linking //opt/bin/fmt to coreutils-fmt
```

```
update-alternatives: Linking //opt/bin/fold to coreutils-fold
```

```
update-alternatives: Linking //opt/bin/groups to coreutils-groups
```

```
update-alternatives: Linking //opt/bin/head to coreutils-head
```

```
update-alternatives: Linking //opt/bin/hostid to coreutils-hostid
```

```
update-alternatives: Linking //opt/bin/id to coreutils-id
```

```
update-alternatives: Linking //opt/bin/install to coreutils-install
```

```
update-alternatives: Linking //opt/bin/join to coreutils-join
```

```
update-alternatives: Linking //opt/bin/kill to coreutils-kill
```

```
update-alternatives: Linking //opt/bin/link to coreutils-link
```

```
update-alternatives: Linking //opt/bin/ln to coreutils-ln
```

```
update-alternatives: Linking //opt/bin/logname to coreutils-logname
```

```
update-alternatives: Linking //opt/bin/ls to coreutils-ls
```

```
update-alternatives: Linking //opt/bin/md5sum to coreutils-md5sum
```

```
update-alternatives: Linking //opt/bin/mkdir to coreutils-mkdir
```

```
update-alternatives: Linking //opt/bin/mkfifo to coreutils-mkfifo
```

```
update-alternatives: Linking //opt/bin/mknod to coreutils-mknod
```

```
update-alternatives: Linking //opt/bin/mktemp to coreutils-mktemp
```

```
update-alternatives: Linking //opt/bin/mv to coreutils-mv
```

```
update-alternatives: Linking //opt/bin/nice to coreutils-nice
```

```
update-alternatives: Linking //opt/bin/nl to coreutils-nl
```

```
update-alternatives: Linking //opt/bin/nohup to coreutils-nohup
```

```
update-alternatives: Linking //opt/bin/nproc to coreutils-nproc
```

```
update-alternatives: Linking //opt/bin/od to coreutils-od
```

```
update-alternatives: Linking //opt/bin/paste to coreutils-paste
```

```
update-alternatives: Linking //opt/bin/pathchk to coreutils-pathchk
```

```
update-alternatives: Linking //opt/bin/pinky to coreutils-pinky
```

```
update-alternatives: Linking //opt/bin/pr to coreutils-pr
```

```
update-alternatives: Linking //opt/bin/printenv to coreutils-printenv
```

```
update-alternatives: Linking //opt/bin/printf to coreutils-printf
```

```
update-alternatives: Linking //opt/bin/ptx to coreutils-ptx
```

```
update-alternatives: Linking //opt/bin/pwd to coreutils-pwd
```

```
update-alternatives: Linking //opt/bin/readlink to coreutils-readlink
```

```
update-alternatives: Linking //opt/bin/rm to coreutils-rm
```

```
update-alternatives: Linking //opt/bin/rmdir to coreutils-rmdir
```

```
update-alternatives: Linking //opt/bin/runcon to coreutils-runcon
```

```
update-alternatives: Linking //opt/bin/seq to coreutils-seq
```

```

update-alternatives: Linking //opt/bin/sha1sum to coreutils-sha1sum
update-alternatives: Linking //opt/bin/sha224sum to coreutils-sha224sum
update-alternatives: Linking //opt/bin/sha256sum to coreutils-sha256sum
update-alternatives: Linking //opt/bin/sha384sum to coreutils-sha384sum
update-alternatives: Linking //opt/bin/sha512sum to coreutils-sha512sum
update-alternatives: Linking //opt/bin/shred to coreutils-shred
update-alternatives: Linking //opt/bin/shuf to coreutils-shuf
update-alternatives: Linking //opt/bin/sleep to coreutils-sleep
update-alternatives: Linking //opt/bin/sort to coreutils-sort
update-alternatives: Linking //opt/bin/split to coreutils-split
update-alternatives: Linking //opt/bin/stat to coreutils-stat
update-alternatives: Linking //opt/bin/stdbuf to coreutils-stdbuf
update-alternatives: Linking //opt/bin/stty to coreutils-stty
update-alternatives: Linking //opt/bin/su to coreutils-su
update-alternatives: Linking //opt/bin/sum to coreutils-sum
update-alternatives: Linking //opt/bin/sync to coreutils-sync
update-alternatives: Linking //opt/bin/tac to coreutils-tac
update-alternatives: Linking //opt/bin/tail to coreutils-tail
update-alternatives: Linking //opt/bin/tee to coreutils-tee
update-alternatives: Linking //opt/bin/test to coreutils-test
update-alternatives: Linking //opt/bin/timeout to coreutils-timeout
update-alternatives: Linking //opt/bin/touch to coreutils-touch
update-alternatives: Linking //opt/bin/tr to coreutils-tr
update-alternatives: Linking //opt/bin/true to coreutils-true
update-alternatives: Linking //opt/bin/truncate to coreutils-truncate
update-alternatives: Linking //opt/bin/tsort to coreutils-tsort
update-alternatives: Linking //opt/bin/tty to coreutils-tty
update-alternatives: Linking //opt/bin/uname to coreutils-uname
update-alternatives: Linking //opt/bin/unexpand to coreutils-unexpand
update-alternatives: Linking //opt/bin/uniq to coreutils-uniq
update-alternatives: Linking //opt/bin/unlink to coreutils-unlink
update-alternatives: Linking //opt/bin/uptime to coreutils-uptime
update-alternatives: Linking //opt/bin/users to coreutils-users
update-alternatives: Linking //opt/bin/vdir to coreutils-vdir
update-alternatives: Linking //opt/bin/wc to coreutils-wc
update-alternatives: Linking //opt/bin/who to coreutils-who
update-alternatives: Linking //opt/bin/whoami to coreutils-whoami
update-alternatives: Linking //opt/bin/yes to coreutils-yes
Successfully terminated.
MyBookLive:~# ln -sf /opt/bin/coreutils-dirname /usr/bin/dirname
MyBookLive:~# apt-get update
Get:1 http://archive.debian.org lenny Release.gpg [1034B]
Get:2 http://archive.debian.org lenny/updates Release.gpg [836B]
Get:3 http://archive.debian.org lenny Release [99.6kB]
Get:4 http://archive.debian.org lenny/updates Release [92.4kB]
Get:5 http://archive.debian.org lenny/main Packages [5130kB]
Get:6 http://archive.debian.org lenny/contrib Packages [64.6kB]
Get:7 http://archive.debian.org lenny/non-free Packages [80.4kB]
Get:8 http://archive.debian.org lenny/main Sources [2679kB]
Get:9 http://archive.debian.org lenny/contrib Sources [44.6kB]
Get:10 http://archive.debian.org lenny/non-free Sources [55.7kB]
Get:11 http://archive.debian.org lenny/updates/main Packages [336kB]
Get:12 http://archive.debian.org lenny/updates/main Sources [121kB]
Fetched 8705kB in 21s (399kB/s)
Reading package lists... Done
MyBookLive:~# apt-get install --allow-unauthenticated debian-keyring
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  debian-keyring
0 upgraded, 1 newly installed, 0 to remove and 48 not upgraded.
Need to get 21.1MB of archives.
After this operation, 26.0MB of additional disk space will be used.
WARNING: The following packages cannot be authenticated!
  debian-keyring
Authentication warning overridden.
Get:1 http://archive.debian.org lenny/main debian-keyring 2009.01.18 [21.1MB]
Fetched 21.1MB in 58s (358kB/s)
Selecting previously deselected package debian-keyring.
(Reading database ...)
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 19168 files and directories currently installed.)
Unpacking debian-keyring (from .../debian-keyring_2009.01.18_all.deb) ...
Setting up debian-keyring (2009.01.18) ...
MyBookLive:~# apt-get install --allow-unauthenticated debian-archive-keyring
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be upgraded:
  debian-archive-keyring
1 upgraded, 0 newly installed, 0 to remove and 47 not upgraded.
Need to get 20.0kB of archives.
After this operation, 4096B of additional disk space will be used.
WARNING: The following packages cannot be authenticated!
  debian-archive-keyring
Authentication warning overridden.
Get:1 http://archive.debian.org lenny/main debian-archive-keyring 2010.08.28-lenny1 [20.0kB]
Fetched 20.0kB in 0s (47.2kB/s)
(Reading database ...)
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 19176 files and directories currently installed.)
Preparing to replace debian-archive-keyring 2009.01.31 (using .../debian-archive-keyring_2010.08.28-lenny1_all.deb) ...
Unpacking replacement debian-archive-keyring ...
Setting up debian-archive-keyring (2010.08.28-lenny1) ...
gpg: key F42584E6: "Lenny Stable Release Key <debian-release@lists.debian.org>" not changed
gpg: key 55BE302B: "Debian Archive Automatic Signing Key (5.0/lenny) <ftpmaster@debian.org>" not changed
gpg: key 6D849617: "Debian-Volatile Archive Automatic Signing Key (5.0/lenny)" not changed
gpg: key B98321F9: public key "Squeeze Stable Release Key <debian-release@lists.debian.org>" imported
gpg: key 473041FA: "Debian Archive Automatic Signing Key (6.0/squeeze) <ftpmaster@debian.org>" not changed
gpg: Total number processed: 5
gpg:      imported: 1 (RSA: 1)
gpg:      unchanged: 4

```

```

gpg: no ultimately trusted keys found
MyBookLive:~# apt-get install openjdk-6-jdk
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  defoma java-common libgif4 libice-dev libice6 libjpeg62 liblcms1 libnspr4-0d libnss3-1d libpthread-stubs0 libpthread-stubs0-dev
  libsm-dev libsm6 libx11-dev libxau-dev
  libxcb-xlib0-dev libxcb1-dev libxdmcp-dev libxi6 libxrender1 libxt-dev libxt6 libxtst6 openjdk-6-jre openjdk-6-jre-headless
openjdk-6-jre-lib ttf-dejavu-core tzdata tzdata-java
  x11proto-core-dev x11proto-input-dev x11proto-kb-dev xtrans-dev
Suggested packages:
  defoma-doc dfontmgr psfontmgr x-ttcidfont-conf equivs liblcms-utils openjdk-6-demo openjdk-6-source visualvm icedtea6-plugin sun-
java6-fonts ttf-baekmuk ttf-unfonts
  ttf-unfonts-core ttf-sazanami-gothic ttf-kochi-gothic ttf-sazanami-mincho ttf-kochi-mincho ttf-arphic-uming ttf-indic-fonts
Recommended packages:
  libft-perl
The following NEW packages will be installed:
  defoma java-common libgif4 libice-dev libice6 libjpeg62 liblcms1 libnspr4-0d libnss3-1d libpthread-stubs0 libpthread-stubs0-dev
  libsm-dev libsm6 libx11-dev libxau-dev
  libxcb-xlib0-dev libxcb1-dev libxdmcp-dev libxi6 libxrender1 libxt-dev libxt6 libxtst6 openjdk-6-jdk openjdk-6-jre openjdk-6-jre-
headless openjdk-6-jre-lib ttf-dejavu-core
  tzdata-java x11proto-core-dev x11proto-input-dev x11proto-kb-dev xtrans-dev
The following packages will be upgraded:
  tzdata
1 upgraded, 33 newly installed, 0 to remove and 46 not upgraded.
Need to get 45.5MB of archives.
After this operation, 130MB of additional disk space will be used.
Do you want to continue [Y/n]?
Get:1 http://archive.debian.org lenny/main libice6 2:1.0.4-1 [51.1kB]
Get:2 http://archive.debian.org lenny/main x11proto-core-dev 7.0.12-1 [89.6kB]
Get:3 http://archive.debian.org lenny/main libice-dev 2:1.0.4-1 [62.1kB]
Get:4 http://archive.debian.org lenny/main libsm6 2:1.0.3-2 [24.5kB]
Get:5 http://archive.debian.org lenny/main libsm-dev 2:1.0.3-2 [26.2kB]
Get:6 http://archive.debian.org lenny/main libxau-dev 1:1.0.3-3 [16.0kB]
Get:7 http://archive.debian.org lenny/main libxdmcp-dev 1:1.0.2-3 [20.8kB]
Get:8 http://archive.debian.org lenny/main x11proto-input-dev 1.4.3-2 [16.0kB]
Get:9 http://archive.debian.org lenny/main x11proto-kb-dev 1.0.3-3 [27.1kB]
Get:10 http://archive.debian.org lenny/main xtrans-dev 1.2-2 [75.4kB]
Get:11 http://archive.debian.org lenny/main libpthread-stubs0 0.1-2 [2780B]
Get:12 http://archive.debian.org lenny/main libpthread-stubs0-dev 0.1-2 [3056B]
Get:13 http://archive.debian.org lenny/main libxcb1-dev 1.1-1.2 [82.2kB]
Get:14 http://archive.debian.org lenny/main libxcb-xlib0-dev 1.1-1.2 [15.0kB]
Get:15 http://archive.debian.org lenny/main libx11-dev 2:1.1.5-2 [1729kB]
Get:16 http://archive.debian.org lenny/main libxt6 1:1.0.5-3 [183kB]
Get:17 http://archive.debian.org lenny/main libxt-dev 1:1.0.5-3 [514kB]
Get:18 http://archive.debian.org lenny/main tzdata 2011k-0lenny1 [635kB]
Get:19 http://archive.debian.org lenny/main defoma 0.11.10-0.2 [101kB]
Get:20 http://archive.debian.org lenny/main java-common 0.30 [77.0kB]
Get:21 http://archive.debian.org lenny/main libgif4 4.1.6-6 [42.9kB]
Get:22 http://archive.debian.org lenny/main libjpeg62 6b-14 [92.7kB]
Get:23 http://archive.debian.org lenny/main liblcms1 1.17.dfsg-1+lenny2 [116kB]
Get:24 http://archive.debian.org lenny/main libnspr4-0d 4.7.1-5 [139kB]
Get:25 http://archive.debian.org lenny/main libnss3-1d 3.12.3.1-0lenny7 [1048kB]
Get:26 http://archive.debian.org lenny/main libxi6 2:1.1.4-1 [29.1kB]
Get:27 http://archive.debian.org lenny/main libxrender1 1:0.9.4-2 [30.8kB]
Get:28 http://archive.debian.org lenny/main libxtst6 2:1.0.3-1 [16.0kB]
Get:29 http://archive.debian.org lenny/main ttf-dejavu-core 2.25-3 [1360kB]
Get:30 http://archive.debian.org lenny/main tzdata-java 2011k-0lenny1 [142kB]
Get:31 http://archive.debian.org lenny/main openjdk-6-jre-lib 6b18-1.8.10-0-lenny2 [5629kB]
Get:32 http://archive.debian.org lenny/main openjdk-6-jre-headless 6b18-1.8.10-0-lenny2 [23.8MB]
Get:33 http://archive.debian.org lenny/main openjdk-6-jre 6b18-1.8.10-0-lenny2 [246kB]
Get:34 http://archive.debian.org lenny/main openjdk-6-jdk 6b18-1.8.10-0-lenny2 [9055kB]
Fetched 45.5MB in 1min9s (653kB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
Selecting previously deselected package libice6.
(Reading database ...
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 19176 files and directories currently installed.)
Unpacking libice6 (from .../libice6_2%3a1.0.4-1_powerpc.deb) ...
Selecting previously deselected package x11proto-core-dev.
Unpacking x11proto-core-dev (from .../x11proto-core-dev_7.0.12-1_all.deb) ...
Selecting previously deselected package libice-dev.
Unpacking libice-dev (from .../libice-dev_2%3a1.0.4-1_powerpc.deb) ...
Selecting previously deselected package libsm6.
Unpacking libsm6 (from .../libsm6_2%3a1.0.3-2_powerpc.deb) ...
Selecting previously deselected package libsm-dev.
Unpacking libsm-dev (from .../libsm-dev_2%3a1.0.3-2_powerpc.deb) ...
Selecting previously deselected package libxau-dev.
Unpacking libxau-dev (from .../libxau-dev_1%3a1.0.3-3_powerpc.deb) ...
Selecting previously deselected package libxdmcp-dev.
Unpacking libxdmcp-dev (from .../libxdmcp-dev_1%3a1.0.2-3_powerpc.deb) ...
Selecting previously deselected package x11proto-input-dev.
Unpacking x11proto-input-dev (from .../x11proto-input-dev_1.4.3-2_all.deb) ...
Selecting previously deselected package x11proto-kb-dev.
Unpacking x11proto-kb-dev (from .../x11proto-kb-dev_1.0.3-3_all.deb) ...
Selecting previously deselected package xtrans-dev.
Unpacking xtrans-dev (from .../xtrans-dev_1.2-2_all.deb) ...
Selecting previously deselected package libpthread-stubs0.
Unpacking libpthread-stubs0 (from .../libpthread-stubs0_0.1-2_powerpc.deb) ...
Selecting previously deselected package libpthread-stubs0-dev.
Unpacking libpthread-stubs0-dev (from .../libpthread-stubs0-dev_0.1-2_powerpc.deb) ...
Selecting previously deselected package libxcb1-dev.
Unpacking libxcb1-dev (from .../libxcb1-dev_1.1-1.2_powerpc.deb) ...
Selecting previously deselected package libxcb-xlib0-dev.
Unpacking libxcb-xlib0-dev (from .../libxcb-xlib0-dev_1.1-1.2_powerpc.deb) ...
Selecting previously deselected package libx11-dev.
Unpacking libx11-dev (from .../libx11-dev_2%3a1.1.5-2_powerpc.deb) ...
Selecting previously deselected package libxt6.
Unpacking libxt6 (from .../libxt6_1%3a1.0.5-3_powerpc.deb) ...
Selecting previously deselected package libxt-dev.
Unpacking libxt-dev (from .../libxt-dev_1%3a1.0.5-3_powerpc.deb) ...
Preparing to replace tzdata 2010a-0lenny1 (using .../tzdata_2011k-0lenny1_all.deb) ...
Unpacking replacement tzdata ...

```

Processing triggers for man-db ...  
Setting up tzdata (2011k-0lenny1) ...

Current default timezone: 'Europe/Amsterdam'  
Local time is now: Sat Sep 8 13:14:32 CEST 2012.  
Universal Time is now: Sat Sep 8 11:14:32 UTC 2012.  
Run 'dpkg-reconfigure tzdata' if you wish to change it.

Selecting previously deselected package defoma.  
(Reading database ...  
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.  
(Reading database ... 20523 files and directories currently installed.)  
Unpacking defoma (from .../defoma\_0.11.10-0.2\_all.deb) ...  
Selecting previously deselected package java-common.  
Unpacking java-common (from .../java-common\_0.30\_all.deb) ...  
Selecting previously deselected package libgif4.  
Unpacking libgif4 (from .../libgif4\_4.1.6-6\_powerpc.deb) ...  
Selecting previously deselected package libjpeg62.  
Unpacking libjpeg62 (from .../libjpeg62\_6b-14\_powerpc.deb) ...  
Selecting previously deselected package liblcms1.  
Unpacking liblcms1 (from .../liblcms1\_1.17.dfsg-1+lenny2\_powerpc.deb) ...  
Selecting previously deselected package libnspr4-0d.  
Unpacking libnspr4-0d (from .../libnspr4-0d\_4.7.1-5\_powerpc.deb) ...  
Selecting previously deselected package libnss3-1d.  
Unpacking libnss3-1d (from .../libnss3-1d\_3.12.3.1-0lenny7\_powerpc.deb) ...  
Selecting previously deselected package libxi6.  
Unpacking libxi6 (from .../libxi6\_2%3a1.1.4-1\_powerpc.deb) ...  
Selecting previously deselected package libxrender1.  
Unpacking libxrender1 (from .../libxrender1\_1%3a0.9.4-2\_powerpc.deb) ...  
Selecting previously deselected package libxtst6.  
Unpacking libxtst6 (from .../libxtst6\_2%3a1.0.3-1\_powerpc.deb) ...  
Selecting previously deselected package ttf-dejavu-core.  
Unpacking ttf-dejavu-core (from .../ttf-dejavu-core\_2.25-3\_all.deb) ...  
Selecting previously deselected package tzdata-java.  
Unpacking tzdata-java (from .../tzdata-java\_2011k-0lenny1\_all.deb) ...  
Selecting previously deselected package openjdk-6-jre-lib.  
Unpacking openjdk-6-jre-lib (from .../openjdk-6-jre-lib\_6b18-1.8.10-0-lenny2\_all.deb) ...  
Selecting previously deselected package openjdk-6-jre-headless.  
Unpacking openjdk-6-jre-headless (from .../openjdk-6-jre-headless\_6b18-1.8.10-0-lenny2\_powerpc.deb) ...  
Selecting previously deselected package openjdk-6-jre.  
Unpacking openjdk-6-jre (from .../openjdk-6-jre\_6b18-1.8.10-0-lenny2\_powerpc.deb) ...  
Selecting previously deselected package openjdk-6-jdk.  
Unpacking openjdk-6-jdk (from .../openjdk-6-jdk\_6b18-1.8.10-0-lenny2\_powerpc.deb) ...  
Processing triggers for man-db ...  
Setting up libice6 (2:1.0.4-1) ...  
Setting up x11proto-core-dev (7.0.12-1) ...  
Setting up libice-dev (2:1.0.4-1) ...  
Setting up libsm6 (2:1.0.3-2) ...  
Setting up libsm-dev (2:1.0.3-2) ...  
Setting up libxau-dev (1:1.0.3-3) ...  
Setting up libxdmcp-dev (1:1.0.2-3) ...  
Setting up x11proto-input-dev (1.4.3-2) ...  
Setting up x11proto-kb-dev (1.0.3-3) ...  
Setting up xtrans-dev (1.2-2) ...  
Setting up libpthread-stubs0 (0.1-2) ...  
Setting up libpthread-stubs0-dev (0.1-2) ...  
Setting up libxcb1-dev (1.1-1.2) ...  
Setting up libxcb-xlib0-dev (1.1-1.2) ...  
Setting up libx11-dev (2:1.1.5-2) ...  
Setting up libxt6 (1:1.0.5-3) ...  
Setting up libxt-dev (1:1.0.5-3) ...  
Setting up defoma (0.11.10-0.2) ...  
Setting up java-common (0.30) ...  
Setting up libgif4 (4.1.6-6) ...  
Setting up libjpeg62 (6b-14) ...  
Setting up liblcms1 (1.17.dfsg-1+lenny2) ...  
Setting up libnspr4-0d (4.7.1-5) ...  
Setting up libnss3-1d (3.12.3.1-0lenny7) ...  
Setting up libxi6 (2:1.1.4-1) ...  
Setting up libxrender1 (1:0.9.4-2) ...  
Setting up libxtst6 (2:1.0.3-1) ...  
Setting up ttf-dejavu-core (2.25-3) ...  
Setting up tzdata-java (2011k-0lenny1) ...  
Setting up openjdk-6-jre-headless (6b18-1.8.10-0-lenny2) ...  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/java to provide /usr/bin/java (java) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/keytool to provide /usr/bin/keytool (keytool) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/pack200 to provide /usr/bin/pack200 (pack200) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/rmid to provide /usr/bin/rmid (rmid) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/rmiregistry to provide /usr/bin/rmiregistry (rmiregistry) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/unpack200 to provide /usr/bin/unpack200 (unpack200) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/orbd to provide /usr/bin/orbd (orbd) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/servlettool to provide /usr/bin/servlettool (servlettool) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/tnameserv to provide /usr/bin/tnameserv (tnameserv) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/lib/jexec to provide /usr/bin/jexec (jexec) in auto mode.  
Setting up openjdk-6-jre-lib (6b18-1.8.10-0-lenny2) ...  
Setting up openjdk-6-jre (6b18-1.8.10-0-lenny2) ...  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/javaws to provide /usr/bin/javaws (javaws) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/jre/bin/policytool to provide /usr/bin/policytool (policytool) in auto mode.  
Setting up openjdk-6-jdk (6b18-1.8.10-0-lenny2) ...  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/appletviewer to provide /usr/bin/appletviewer (appletviewer) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/apt to provide /usr/bin/apt (apt) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/extcheck to provide /usr/bin/extcheck (extcheck) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/idlj to provide /usr/bin/idlj (idlj) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jar to provide /usr/bin/jar (jar) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jarsigner to provide /usr/bin/jarsigner (jarsigner) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/javac to provide /usr/bin/javac (javac) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/javadoc to provide /usr/bin/javadoc (javadoc) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/javah to provide /usr/bin/javah (javah) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/javap to provide /usr/bin/javap (javap) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jconsole to provide /usr/bin/jconsole (jconsole) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jdb to provide /usr/bin/jdb (jdb) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jhat to provide /usr/bin/jhat (jhat) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jinfo to provide /usr/bin/jinfo (jinfo) in auto mode.  
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jmap to provide /usr/bin/jmap (jmap) in auto mode.

```
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jps to provide /usr/bin/jps (jps) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jrunscript to provide /usr/bin/jrunscript (jrunscript) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jsadebugd to provide /usr/bin/jsadebugd (jsadebugd) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jstack to provide /usr/bin/jstack (jstack) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jstat to provide /usr/bin/jstat (jstat) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/jstatd to provide /usr/bin/jstatd (jstatd) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/native2ascii to provide /usr/bin/native2ascii (native2ascii) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/rmic to provide /usr/bin/rmic (rmic) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/schemagen to provide /usr/bin/schemagen (schemagen) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/serialver to provide /usr/bin/serialver (serialver) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/wsgen to provide /usr/bin/wsgen (wsgen) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/wsimport to provide /usr/bin/wsimport (wsimport) in auto mode.
update-alternatives: using /usr/lib/jvm/java-6-openjdk/bin/xjc to provide /usr/bin/xjc (xjc) in auto mode.
```

```
MyBookLive:~# java -version
java version "1.6.0_18"
OpenJDK Runtime Environment (IcedTea6 1.8.10) (6b18-1.8.10-0-lenny2)
OpenJDK Zero VM (build 14.0-b16, interpreted mode)
MyBookLive:~# export JAVA_HOME=/usr/lib/jvm/java-6-openjdk/jre
MyBookLive:~# export PATH=$PATH:/usr/lib/jvm/java-6-openjdk/jre
MyBookLive:~# useradd serviio
MyBookLive:~# passwd serviio
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
MyBookLive:~# usermod -a -G root serviio
MyBookLive:~# mkdir /usr/local/serviio/
MyBookLive:~# cd /usr/local/serviio/
MyBookLive:/usr/local/serviio# mkdir /home/serviio
MyBookLive:/usr/local/serviio# chown serviio /home/serviio/
MyBookLive:/usr/local/serviio# wget http://download.serviio.org/releases/serviio-0.6.2-linux.tar.gz
--2012-09-08 13:29:26-- http://download.serviio.org/releases/serviio-0.6.2-linux.tar.gz
Resolving download.serviio.org... 195.3.138.234
Connecting to download.serviio.org[195.3.138.234]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 15580840 (15M) [application/x-gzip]
Saving to: `serviio-0.6.2-linux.tar.gz'
```

100%

```
[=====]
=====>] 15,580,840 1015K/s in 19s
```

2012-09-08 13:29:45 (804 KB/s) - `serviio-0.6.2-linux.tar.gz' saved [15580840/15580840]

```
MyBookLive:/usr/local/serviio# tar -xf serviio-0.6.2-linux.tar.gz
```

```
MyBookLive:/usr/local/serviio# cd serviio-0.6.2/bin/
```

```
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# ./serviio.sh &
```

```
[1] 11921
```

```
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# cat ../log/serviio.log
```

```
2012-09-08 13:35:00,580 INFO [MediaServer] -----
2012-09-08 13:35:00,595 INFO [MediaServer] Serviio DLNA media streaming server v 0.6.2 (rev. 6a61243292ee)
2012-09-08 13:35:00,596 INFO [MediaServer] Petr Nejedly 2009-2011
2012-09-08 13:35:00,596 INFO [MediaServer] http://www.serviio.org
2012-09-08 13:35:00,597 INFO [MediaServer]
2012-09-08 13:35:00,598 INFO [MediaServer] Java 1.6.0_18-Sun Microsystems Inc.
2012-09-08 13:35:00,598 INFO [MediaServer] OS Linux ppc 2.6.32.11-svn70860
2012-09-08 13:35:00,599 INFO [MediaServer] File encoding: US-ASCII
2012-09-08 13:35:00,601 INFO [MediaServer] Headless mode enabled: true
```

```
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# ./serviio.sh -stop
```

```
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# nano /etc/default/serviiod
```

```
[add the following text:]
```

```
#####
#- Daemon Script Configuration for Serviio Media Server
#- By Ian Laird
#- /etc/default/serviiod
#####
```

```
NAME="Serviio Media Server"
DAEMON="/usr/local/serviio/serviio-0.6.2/bin/serviio.sh"## Update this to point at serviio_root/bin/serviio.sh
SERVICE_ACCOUNT="serviio" ## DON'T RUN UNDER ROOT!
```

```
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# nano /etc/init.d/serviio
```

```
[add the following text:]
```

```
#!/bin/sh
#
#####
#- Daemon script for Serviio media server
#- By Ian Laird; converted for Debian by Jacob Lundberg
#- /etc/init.d/serviio
#####
### BEGIN INIT INFO
# Provides:          serviio
# Required-Start:    $local_fs $remote_fs $network $syslog
# Required-Stop:     $local_fs $remote_fs $network $syslog
# Default-Start:     2 3 4 5
# Default-Stop:      0 1 6
# X-Interactive:     true
# Short-Description: Start/stop serviio media server
# Description:       The Serviio media server makes your media available to
#                   all kinds of networked devices.
### END INIT INFO
```

```
. /lib/lsb/init-functions
```

```
if [ -f /etc/default/rcs ]; then
```

```
. /etc/default/rcs
```

```
fi
```

```
DAEMON_STOP="-stop"
```

```
NAME="$(basename $0)"
```

```
PIDFILE="/var/run/serviiod.pid"
```

```
TIMEOUT=10
```

```

if [ -f /etc/default/serviiod ]; then
    . /etc/default/serviiod
fi

[ -x "$DAEMON" ] || exit 0

running() {
    if [ "$1" == "x" ]; then
        echo 0
        return 1
    fi

    PS=$(ps h -p $(echo $1 | sed -r 's/[\\t \\n]+/ -p /') | wc -l)
    echo $PS

    if [ $PS -gt 0 ]; then
        return 0
    else
        return 1
    fi
}

start() {
    # Set up correct LANG
    if [ -r /etc/default/locale ]; then
        . /etc/default/locale
        export LANG LANGUAGE LC_MESSAGES LC_ALL LC_CTYPE
    fi

    log_daemon_msg "Starting Serviio media server daemon" "$NAME"
    start-stop-daemon --start -q -b -p "$PIDFILE" -m -c "${SERVICE_ACCOUNT}" -x "${DAEMON}"
    log_end_msg $?
}

stop() {
    log_daemon_msg "Stopping Serviio media server daemon" "$NAME"
    if [ -r "$PIDFILE" ]; then
        PIDS=$(pstree -p $(<"$PIDFILE") | awk -F'[\\(\\)]' '/^[A-Za-z0-9]/ { print $2 } "$4; }')
        if running "$PIDS" > /dev/null; then
            "${DAEMON}" "${DAEMON_STOP}"
            for PID in $PIDS; do
                if running $PID > /dev/null; then
                    kill -TERM $PID
                fi
            done
        fi
        COUNTDOWN=$TIMEOUT
        while let COUNTDOWN--; do
            if ! running "$PIDS" > /dev/null; then
                break
            fi
            if [ $COUNTDOWN -eq 0 ]; then
                for PID in $PIDS; do
                    if running $PID > /dev/null; then
                        kill -KILL $PID
                    fi
                done
            else
                echo -n .
                sleep 1
            fi
        done
        fi

        if running "$PIDS" > /dev/null; then
            log_end_msg 1
        else
            rm -f "$PIDFILE"
            log_end_msg $?
        fi
    fi
}

status() {
    echo -n "$NAME should be"
    if [ -r "$PIDFILE" ]; then
        echo -n " up with primary PID $(<"$PIDFILE")"
        PIDS=$(pstree -p $(<"$PIDFILE") | awk -F'[\\(\\)]' '/^[A-Za-z0-9]/ { print $2 } "$4; }')
        RUNNING=$(running "$PIDS")
        if [[ $RUNNING && $RUNNING -gt 0 ]]; then
            echo -n " and $RUNNING processes are running."
        else
            echo -n " but it is not running."
        fi
    else
        echo -n " stopped."
    fi
    echo
}

case "${1:-}" in
    start)
        ;;
    stop)
        ;;
    *)
        ;;
esac

```

```

;;
restart)
    stop
    start
;;
status)
    status
;;
*)
    log_success_msg "Usage: /etc/init.d/$NAME {start|stop|restart|status}"
    exit 1
;;
esac

exit 0

```

```

MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# chown serviio -R /usr/local/serviio
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# chmod 755 /etc/init.d/serviio
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# update-rc.d serviio defaults
update-rc.d: warning: /etc/init.d/serviio missing LSB information
update-rc.d: see <http://wiki.debian.org/LSBInitScripts>
Adding system startup for /etc/init.d/serviio ...
/etc/rc0.d/K20serviio -> ../init.d/serviio
/etc/rc1.d/K20serviio -> ../init.d/serviio
/etc/rc6.d/K20serviio -> ../init.d/serviio
/etc/rc2.d/S20serviio -> ../init.d/serviio
/etc/rc3.d/S20serviio -> ../init.d/serviio
/etc/rc4.d/S20serviio -> ../init.d/serviio
/etc/rc5.d/S20serviio -> ../init.d/serviio
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# nano /etc/apt/sources.list
[remove comment from squeeze repository]
[add after squeeze repository: deb http://www.deb-multimedia.org stable main non-free]
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# apt-get update
Get:1 http://www.deb-multimedia.org squeeze Release.gpg [198B]
Hit http://archive.debian.org lenny Release.gpg
Hit http://archive.debian.org lenny/updates Release.gpg
Hit http://archive.debian.org lenny Release
Get:2 http://www.deb-multimedia.org squeeze Release [24.1kB]
Get:3 http://ftp.us.debian.org squeeze Release.gpg [1672B]
Hit http://archive.debian.org lenny/updates Release
Ign http://archive.debian.org lenny/main Packages/DiffIndex
Ign http://archive.debian.org lenny/contrib Packages/DiffIndex
Ign http://archive.debian.org lenny/non-free Packages/DiffIndex
Ign http://archive.debian.org lenny/main Sources/DiffIndex
Get:4 http://ftp.us.debian.org squeeze Release [111kB]
Ign http://archive.debian.org lenny/contrib Sources/DiffIndex
Ign http://archive.debian.org lenny/non-free Sources/DiffIndex
Hit http://archive.debian.org lenny/main Packages
Hit http://archive.debian.org lenny/contrib Packages
Hit http://archive.debian.org lenny/non-free Packages
Hit http://archive.debian.org lenny/main Sources
Hit http://archive.debian.org lenny/contrib Sources
Hit http://archive.debian.org lenny/non-free Sources
Ign http://archive.debian.org lenny/updates/main Packages/DiffIndex
Ign http://archive.debian.org lenny/updates/main Sources/DiffIndex
Ign http://www.deb-multimedia.org squeeze Release
Get:5 http://www.deb-multimedia.org squeeze/main Packages [91.9kB]
Get:6 http://ftp.us.debian.org squeeze/main Packages [6494kB]
Hit http://archive.debian.org lenny/updates/main Packages
Hit http://archive.debian.org lenny/updates/main Sources
Fetched 6722kB in 37s (178kB/s)
Reading package lists... Done
W: GPG error: http://www.deb-multimedia.org squeeze Release: The following signatures couldn't be verified because the public key is
not available: NO_PUBKEY 07DC563D1F41B907
W: You may want to run apt-get update to correct these problems
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# gpg --keyring /usr/share/keyrings/debian-keyring.gpg -a --export 07DC563D1F41B907 |
apt-key add -
gpg: directory '/root/.gnupg' created
gpg: new configuration file '/root/.gnupg/gpg.conf' created
gpg: WARNING: options in '/root/.gnupg/gpg.conf' are not yet active during this run
gpg: keyring '/root/.gnupg/secring.gpg' created
gpg: keyring '/root/.gnupg/pubring.gpg' created
OK
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# apt-get update
Get:1 http://www.deb-multimedia.org squeeze Release.gpg [198B]
Hit http://www.deb-multimedia.org squeeze Release
Hit http://archive.debian.org lenny Release.gpg
Hit http://archive.debian.org lenny/updates Release.gpg
Hit http://archive.debian.org lenny Release
Hit http://archive.debian.org lenny/updates Release
Hit http://ftp.us.debian.org squeeze Release.gpg
Hit http://www.deb-multimedia.org squeeze/main Packages/DiffIndex
Ign http://archive.debian.org lenny/main Packages/DiffIndex
Hit http://ftp.us.debian.org squeeze Release
Ign http://archive.debian.org lenny/contrib Packages/DiffIndex
Ign http://archive.debian.org lenny/non-free Packages/DiffIndex
Ign http://archive.debian.org lenny/main Sources/DiffIndex
Ign http://archive.debian.org lenny/contrib Sources/DiffIndex
Ign http://archive.debian.org lenny/non-free Sources/DiffIndex
Ign http://archive.debian.org lenny/updates/main Packages/DiffIndex
Ign http://archive.debian.org lenny/updates/main Sources/DiffIndex
Hit http://archive.debian.org lenny/main Packages
Hit http://archive.debian.org lenny/contrib Packages
Hit http://archive.debian.org lenny/non-free Packages
Hit http://archive.debian.org lenny/main Sources
Hit http://archive.debian.org lenny/contrib Sources
Ign http://ftp.us.debian.org squeeze/main Packages/DiffIndex
Hit http://archive.debian.org lenny/non-free Sources
Hit http://archive.debian.org lenny/updates/main Packages
Hit http://archive.debian.org lenny/updates/main Sources
Hit http://ftp.us.debian.org squeeze/main Packages
Fetched 198B in 1s (114B/s)
Reading package lists... Done
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# apt-get install --allow-unauthenticated deb-multimedia-keyring
Reading package lists... Done
Building dependency tree

```



```
Reading state information... Done
The following NEW packages will be installed:
  deb-multimedia-keyring
0 upgraded, 1 newly installed, 0 to remove and 285 not upgraded.
Need to get 15.3kB of archives.
After this operation, 45.1kB of additional disk space will be used.
WARNING: The following packages cannot be authenticated!
  deb-multimedia-keyring
Authentication warning overridden.
Get:1 http://www.deb-multimedia.org squeeze/main deb-multimedia-keyring 2012.05.10-dmo3 [15.3kB]
Fetched 15.3kB in 1s (11.7kB/s)
Selecting previously deselected package deb-multimedia-keyring.
(Reading database ...
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21592 files and directories currently installed.)
Unpacking deb-multimedia-keyring (from .../deb-multimedia-keyring_2012.05.10-dmo3_all.deb) ...
Setting up deb-multimedia-keyring (2012.05.10-dmo3) ...
OK
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# apt-get install ffmpeg
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  binutils liba52-0.7.4 liba52-0.7.4-dev libavcodec-dev libavcodec52 libavdevice52 libavfilter1 libavformat-dev libavformat52
libavutil-dev libavutil50 libc-bin libc-dev-bin libc6 libc6-dev libc6-ppc64 libdc1394-22 libdc1394-22-dev libdirac-decoder0 libdirac-dev libfaac-dev libfaac0 libfaad-dev libfaad2
libgsm1-dev libjack-jackd2-0 libmp3lame-dev libmp3lame0 libogg-dev libogg0 libopencore-amrnb-dev libopencore-amrnb0 libopencore-amrwb-dev libopencore-amrwb0 liborc-0.4-0
liborc-0.4-dev libpostproc51 libraw1394-11 libraw1394-dev librtmp0 libschroedinger-dev libswscale0 libtheora-dev libtheora0 libusb-1.0-0 libvorbis-dev libvorbis0a
libvorbisenc2 libvorbisfile3 libvpx0 libx264-118 libx264-dev libxfixes3 libxvidcore4 libxvidcore4-dev linux-libc-dev pkg-config zlib1g zlib1g-dev
Suggested packages:
  binutils-doc glibc-doc jackd2 liborc-0.4-doc libraw1394-doc
Recommended packages:
  manpages-dev gcc c-compiler
The following packages will be REMOVED:
  libavfilter0
The following NEW packages will be installed:
  ffmpeg liba52-0.7.4 liba52-0.7.4-dev libavfilter1 libavutil50 libc-dev-bin libc6-dev libdc1394-22-dev libdirac-decoder0 libdirac-
dev libfaac-dev libfaac0 libfaad-dev
  libgsm1-dev libjack-jackd2-0 libmp3lame-dev libmp3lame0 libogg-dev libopencore-amrnb-dev libopencore-amrnb0 libopencore-amrwb-dev
libopencore-amrwb0 liborc-0.4-dev
  libraw1394-dev librtmp0 libschroedinger-dev libtheora-dev libvorbis-dev libvorbisfile3 libvpx0 libx264-118 libx264-dev libxfixes3
libxvidcore4 libxvidcore4-dev linux-libc-dev
  pkg-config zlib1g-dev
The following packages will be upgraded:
  binutils libavcodec-dev libavcodec52 libavdevice52 libavformat-dev libavformat52 libavutil-dev libc-bin libc6 libc6-ppc64
libdc1394-22 libfaad2 libogg0 liborc-0.4-0
  libpostproc51 libraw1394-11 libswscale0 libtheora0 libusb-1.0-0 libvorbis0a libvorbisenc2 zlib1g
22 upgraded, 38 newly installed, 1 to remove and 262 not upgraded.
Need to get 38.1MB of archives.
After this operation, 46.0MB of additional disk space will be used.
Do you want to continue [Y/n]?
Get:1 http://www.deb-multimedia.org squeeze/main libavutil50 5:0.7.13-dmo2 [112kB]
Get:2 http://ftp.us.debian.org squeeze/main libc6-ppc64 2.11.3-3 [4466kB]
Get:3 http://www.deb-multimedia.org squeeze/main libavdevice52 5:0.7.13-dmo2 [60.6kB]
Get:4 http://www.deb-multimedia.org squeeze/main libavformat-dev 5:0.7.13-dmo2 [573kB]
Get:5 http://www.deb-multimedia.org squeeze/main libavformat52 5:0.7.13-dmo2 [966kB]
Get:6 http://www.deb-multimedia.org squeeze/main libfaac0 1.28-0.3 [46.9kB]
Get:7 http://www.deb-multimedia.org squeeze/main libfaac-dev 1.28-0.3 [50.0kB]
Get:8 http://www.deb-multimedia.org squeeze/main libx264-118 3:0.118.2085+git8a62835-0.1+1 [569kB]
Get:9 http://www.deb-multimedia.org squeeze/main libx264-dev 3:0.118.2085+git8a62835-0.1+1 [586kB]
Get:10 http://ftp.us.debian.org squeeze/main libc-bin 2.11.3-3 [765kB]
Get:11 http://ftp.us.debian.org squeeze/main libc6 2.11.3-3 [4460kB]
Get:12 http://www.deb-multimedia.org squeeze/main libavcodec-dev 5:0.7.13-dmo2 [3404kB]
Get:13 http://ftp.us.debian.org squeeze/main zlib1g 1:1.2.3.4.dfsg-3 [78.3kB]
Get:14 http://ftp.us.debian.org squeeze/main binutils 2.20.1-16 [4109kB]
Get:15 http://www.deb-multimedia.org squeeze/main libavutil-dev 5:0.7.13-dmo2 [109kB]
Get:16 http://www.deb-multimedia.org squeeze/main libmp3lame0 3.98.4-0.0 [271kB]
Get:17 http://ftp.us.debian.org squeeze/main libraw1394-11 2.0.5-2 [54.2kB]
Get:18 http://ftp.us.debian.org squeeze/main libusb-1.0-0 2:1.0.8-2 [33.7kB]
Get:19 http://ftp.us.debian.org squeeze/main libdc1394-22 2.1.2-3 [121kB]
Get:20 http://ftp.us.debian.org squeeze/main libjack-jackd2-0 1.9.6-dfsg-1.2 [158kB]
Get:21 http://ftp.us.debian.org squeeze/main libxfixes3 1:4.0.5-1 [18.8kB]
Get:22 http://www.deb-multimedia.org squeeze/main libmp3lame-dev 3.98.4-0.0 [304kB]
Get:23 http://ftp.us.debian.org squeeze/main libraw1394-dev 2.0.5-2 [79.3kB]
Get:24 http://ftp.us.debian.org squeeze/main librtmp0 2.3-2 [55.7kB]
Get:25 http://ftp.us.debian.org squeeze/main libogg0 1.2.0-dfsg-1 [16.7kB]
Get:26 http://ftp.us.debian.org squeeze/main libogg-dev 1.2.0-dfsg-1 [68.5kB]
Get:27 http://ftp.us.debian.org squeeze/main libvorbis0a 1.3.1-1+squeeze1 [111kB]
Get:28 http://ftp.us.debian.org squeeze/main libvorbisenc2 1.3.1-1+squeeze1 [123kB]
Get:29 http://ftp.us.debian.org squeeze/main libvorbisfile3 1.3.1-1+squeeze1 [25.3kB]
Get:30 http://www.deb-multimedia.org squeeze/main libxvidcore4 2:1.2.2-0.1 [270kB]
Get:31 http://ftp.us.debian.org squeeze/main libvorbis-dev 1.3.1-1+squeeze1 [470kB]
Get:32 http://www.deb-multimedia.org squeeze/main libxvidcore4-dev 2:1.2.2-0.1 [306kB]
Get:33 http://ftp.us.debian.org squeeze/main liba52-0.7.4 0.7.4-14 [31.1kB]
Get:34 http://ftp.us.debian.org squeeze/main liba52-0.7.4-dev 0.7.4-14 [50.7kB]
Get:35 http://ftp.us.debian.org squeeze/main libc-dev-bin 2.11.3-3 [208kB]
Get:36 http://www.deb-multimedia.org squeeze/main libvpx0 0.9.7-p1-2.squeeze2 [273kB]
Get:37 http://ftp.us.debian.org squeeze/main linux-libc-dev 2.6.32-45 [841kB]
Get:38 http://www.deb-multimedia.org squeeze/main libavcodec52 5:0.7.13-dmo2 [6185kB]
Get:39 http://ftp.us.debian.org squeeze/main libc6-dev 2.11.3-3 [2900kB]
Get:40 http://ftp.us.debian.org squeeze/main zlib1g-dev 1:1.2.3.4.dfsg-3 [190kB]
Get:41 http://ftp.us.debian.org squeeze/main libtheora0 1.1.1+dfsg-1-3 [430kB]
Get:42 http://ftp.us.debian.org squeeze/main libtheora-dev 1.1.1+dfsg-1-3 [479kB]
Get:43 http://ftp.us.debian.org squeeze/main libgsm1-dev 1.0.13-3 [39.8kB]
Get:44 http://ftp.us.debian.org squeeze/main libfaad2 2.7-6 [177kB]
Get:45 http://ftp.us.debian.org squeeze/main libfaad-dev 2.7-6 [193kB]
Get:46 http://ftp.us.debian.org squeeze/main libdc1394-22-dev 2.1.2-3 [165kB]
Get:47 http://ftp.us.debian.org squeeze/main libdirac-decoder0 1.0.2-3 [329kB]
Get:48 http://www.deb-multimedia.org squeeze/main libswscale0 5:0.7.13-dmo2 [146kB]
Get:49 http://www.deb-multimedia.org squeeze/main libavfilter1 5:0.7.13-dmo2 [350kB]
Get:50 http://ftp.us.debian.org squeeze/main libdirac-dev 1.0.2-3 [744kB]
Get:51 http://www.deb-multimedia.org squeeze/main libpostproc51 5:0.7.13-dmo2 [81.1kB]
```



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Get:52 http://www.deb-multimedia.org squeeze/main ffmpeg 5:0.7.13-dmo2 [324kB]
Get:53 http://ftp.us.debian.org squeeze/main liborc-0.4-0 1:0.4.6-2 [135kB]
Get:54 http://ftp.us.debian.org squeeze/main liborc-0.4-dev 1:0.4.6-2 [215kB]
Get:55 http://ftp.us.debian.org squeeze/main pkg-config 0.25-1.1 [58.7kB]
Get:56 http://ftp.us.debian.org squeeze/main libschrödinger-dev 1.0.9-2 [337kB]
Get:57 http://ftp.us.debian.org squeeze/main libopencore-amrnb0 0.1.2-1 [101kB]
Get:58 http://ftp.us.debian.org squeeze/main libopencore-amrnb-dev 0.1.2-1 [121kB]
Get:59 http://ftp.us.debian.org squeeze/main libopencore-amrwb0 0.1.2-1 [52.3kB]
Get:60 http://ftp.us.debian.org squeeze/main libopencore-amrwb-dev 0.1.2-1 [58.1kB]
Fetched 38.1MB in 1min6s (575kB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
(Reading database ...
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21598 files and directories currently installed.)
Removing libavfilter0 ...
(Reading database ...
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21585 files and directories currently installed.)
Preparing to replace libc6-ppc64 2.11.2-2 (using .../libc6-ppc64_2.11.3-3_powerpc.deb) ...
Unpacking replacement libc6-ppc64 ...
Preparing to replace libc-bin 2.11.2-2 (using .../libc-bin_2.11.3-3_powerpc.deb) ...
Unpacking replacement libc-bin ...
dpkg: error processing /var/cache/apt/archives/libc-bin_2.11.3-3_powerpc.deb (--unpack):
 trying to overwrite '/etc/ld.so.conf.d/libc.conf', which is also in package wd-lib 01.04.01-81092
Processing triggers for man-db ...
Errors were encountered while processing:
 /var/cache/apt/archives/libc-bin_2.11.3-3_powerpc.deb
E: Sub-process /usr/bin/dpkg returned an error code (1)
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# dpkg -i --force-all /var/cache/apt/archives/libc-bin_2.11.3-3_powerpc.deb
(Reading database ...
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21585 files and directories currently installed.)
Preparing to replace libc-bin 2.11.2-2 (using .../libc-bin_2.11.3-3_powerpc.deb) ...
Unpacking replacement libc-bin ...
dpkg: warning: overriding problem because --force enabled:
 trying to overwrite '/etc/ld.so.conf.d/libc.conf', which is also in package wd-lib 01.04.01-81092
Setting up libc-bin (2.11.3-3) ...
Processing triggers for man-db ...
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# dpkg -e --force-all /var/cache/apt/archives/libc6_2.11.3-3_powerpc.deb
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# apt-get install ffmpeg
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  binutils liba52-0.7.4 liba52-0.7.4-dev libavcodec-dev libavcodec52 libavdevice52 libavfilter1 libavformat-dev libavformat52
libavutil-dev libavutil50 libc-dev-bin libc6-dev libdc1394-22 libdc1394-dev libdirac-decoder0 libdirac-dev libfaac-dev libfaac0 libfaad-dev libfaad2 libgsm1-dev libjack-jackd2-0
libmp3lame-dev libmp3lame0 libogg-dev
  libogg0 libopencore-amrnb-dev libopencore-amrnb0 libopencore-amrwb-dev libopencore-amrwb0 liborc-0.4-0 liborc-0.4-dev libpostproc51
libraw1394-11 libraw1394-dev librtmp0
  libschrödinger-dev libswscale0 libtheora-dev libtheora0 libusb-1.0-0 libvorbis-dev libvorbis0a libvorbisenc2 libvorbisfile3
libvpx0 libx264-118 libx264-dev libxfixes3
  libxvidcore4 libxvidcore4-dev linux-libc-dev pkg-config zlib1g zlib1g-dev
Suggested packages:
  binutils-doc glibc-doc jackd2 liborc-0.4-doc libraw1394-doc
Recommended packages:
  manpages-dev gcc c-compiler
The following NEW packages will be installed:
  ffmpeg liba52-0.7.4 liba52-0.7.4-dev libavfilter1 libavutil50 libc-dev-bin libc6-dev libdc1394-22-dev libdirac-decoder0 libdirac-
dev libfaac-dev libfaac0 libfaad-dev
  libgsm1-dev libjack-jackd2-0 libmp3lame-dev libmp3lame0 libogg-dev libopencore-amrnb-dev libopencore-amrnb0 libopencore-amrwb-dev
libopencore-amrwb0 liborc-0.4-dev
  libraw1394-dev librtmp0 libschrödinger-dev libtheora-dev libvorbis-dev libvorbisfile3 libvpx0 libx264-118 libx264-dev libxfixes3
libxvidcore4 libxvidcore4-dev linux-libc-dev
  pkg-config zlib1g-dev
The following packages will be upgraded:
  binutils libavcodec-dev libavcodec52 libavdevice52 libavformat-dev libavformat52 libavutil-dev libdc1394-22 libfaad2 libogg0
liborc-0.4-0 libpostproc51 libraw1394-11
  libswscale0 libtheora0 libusb-1.0-0 libvorbis0a libvorbisenc2 zlib1g
19 upgraded, 38 newly installed, 0 to remove and 262 not upgraded.
1 not fully installed or removed.
Need to get 28.4MB of archives.
After this operation, 46.1MB of additional disk space will be used.
Do you want to continue [Y/n]?
Get:1 http://www.deb-multimedia.org stable/main libavutil50 5:0.7.13-dmo2 [112kB]
Get:2 http://www.deb-multimedia.org stable/main libavdevice52 5:0.7.13-dmo2 [60.6kB]
Get:3 http://www.deb-multimedia.org stable/main libavformat-dev 5:0.7.13-dmo2 [573kB]
Get:4 http://www.deb-multimedia.org stable/main libavformat52 5:0.7.13-dmo2 [966kB]
Get:5 http://ftp.us.debian.org squeeze/main zlib1g 1:1.2.3.4.dfsg-3 [78.3kB]
Get:6 http://ftp.us.debian.org squeeze/main binutils 2.20.1-16 [4109kB]
Get:7 http://www.deb-multimedia.org stable/main libfaac0 1.28-0.3 [46.9kB]
Get:8 http://www.deb-multimedia.org stable/main libfaac-dev 1.28-0.3 [50.0kB]
Get:9 http://www.deb-multimedia.org stable/main libx264-118 3:0.118.2085+git8a62835-0.1+1 [569kB]
Get:10 http://www.deb-multimedia.org stable/main libx264-dev 3:0.118.2085+git8a62835-0.1+1 [586kB]
Get:11 http://www.deb-multimedia.org stable/main libavcodec-dev 5:0.7.13-dmo2 [3404kB]
Get:12 http://ftp.us.debian.org squeeze/main libraw1394-11 2.0.5-2 [54.2kB]
Get:13 http://ftp.us.debian.org squeeze/main libusb-1.0-0 2:1.0.8-2 [33.7kB]
Get:14 http://www.deb-multimedia.org stable/main libavutil-dev 5:0.7.13-dmo2 [109kB]
Get:15 http://www.deb-multimedia.org stable/main libmp3lame0 3.98.4-0.0 [271kB]
Get:16 http://ftp.us.debian.org squeeze/main libdc1394-22 2.1.2-3 [121kB]
Get:17 http://www.deb-multimedia.org stable/main libmp3lame-dev 3.98.4-0.0 [304kB]
Get:18 http://www.deb-multimedia.org stable/main libxvidcore4 2:1.2.2-0.1 [270kB]
Get:19 http://www.deb-multimedia.org stable/main libxvidcore4-dev 2:1.2.2-0.1 [306kB]
Get:20 http://www.deb-multimedia.org stable/main libvpx0 0.9.7.p1-2.squeeze2 [273kB]
Get:21 http://www.deb-multimedia.org stable/main libavcodec52 5:0.7.13-dmo2 [6185kB]
Get:22 http://ftp.us.debian.org squeeze/main libjack-jackd2-0 1.9.6-dfsg.1-2 [158kB]
Get:23 http://ftp.us.debian.org squeeze/main libxfixes3 1:4.0.5-1 [18.8kB]
Get:24 http://ftp.us.debian.org squeeze/main libraw1394-dev 2.0.5-2 [79.3kB]
Get:25 http://ftp.us.debian.org squeeze/main librtmp0 2.3-2 [55.7kB]
Get:26 http://ftp.us.debian.org squeeze/main libogg0 1.2.0-dfsg-1 [16.7kB]
```

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Get:27 http://ftp.us.debian.org squeeze/main libogg-dev 1.2.0-dfsg-1 [68.5kB]
Get:28 http://ftp.us.debian.org squeeze/main libvorbis0a 1.3.1-1+squeeze1 [111kB]
Get:29 http://ftp.us.debian.org squeeze/main libvorbisenc2 1.3.1-1+squeeze1 [123kB]
Get:30 http://ftp.us.debian.org squeeze/main libvorbisfile3 1.3.1-1+squeeze1 [25.3kB]
Get:31 http://www.deb-multimedia.org stable/main libswscale0 5:0.7.13-dmo2 [146kB]
Get:32 http://www.deb-multimedia.org stable/main libavfilter1 5:0.7.13-dmo2 [350kB]
Get:33 http://ftp.us.debian.org squeeze/main libvorbis-dev 1.3.1-1+squeeze1 [470kB]
Get:34 http://www.deb-multimedia.org stable/main libpostproc51 5:0.7.13-dmo2 [81.1kB]
Get:35 http://www.deb-multimedia.org stable/main ffmpeg 5:0.7.13-dmo2 [324kB]
Get:36 http://ftp.us.debian.org squeeze/main liba52-0.7.4 0.7.4-14 [31.1kB]
Get:37 http://ftp.us.debian.org squeeze/main liba52-0.7.4-dev 0.7.4-14 [50.7kB]
Get:38 http://ftp.us.debian.org squeeze/main libc-dev-bin 2.11.3-3 [208kB]
Get:39 http://ftp.us.debian.org squeeze/main linux-libc-dev 2.6.32-45 [841kB]
Get:40 http://ftp.us.debian.org squeeze/main libc6-dev 2.11.3-3 [2900kB]
Get:41 http://ftp.us.debian.org squeeze/main zlib1g-dev 1:1.2.3.4.dfsg-3 [190kB]
Get:42 http://ftp.us.debian.org squeeze/main libtheora0 1.1.1+dfsg.1-3 [430kB]
Get:43 http://ftp.us.debian.org squeeze/main libtheora-dev 1.1.1+dfsg.1-3 [479kB]
Get:44 http://ftp.us.debian.org squeeze/main libgsm1-dev 1.0.13-3 [39.8kB]
Get:45 http://ftp.us.debian.org squeeze/main libfaad2 2.7-6 [177kB]
Get:46 http://ftp.us.debian.org squeeze/main libfaad-dev 2.7-6 [193kB]
Get:47 http://ftp.us.debian.org squeeze/main libdc1394-22-dev 2.1.2-3 [165kB]
Get:48 http://ftp.us.debian.org squeeze/main libdirac-decoder0 1.0.2-3 [329kB]
Get:49 http://ftp.us.debian.org squeeze/main libdirac-dev 1.0.2-3 [744kB]
Get:50 http://ftp.us.debian.org squeeze/main liborc-0.4-0 1:0.4.6-2 [135kB]
Get:51 http://ftp.us.debian.org squeeze/main liborc-0.4-dev 1:0.4.6-2 [215kB]
Get:52 http://ftp.us.debian.org squeeze/main pkg-config 0.25-1.1 [58.7kB]
Get:53 http://ftp.us.debian.org squeeze/main libschroedinger-dev 1.0.9-2 [337kB]
Get:54 http://ftp.us.debian.org squeeze/main libopencore-amrnb0 0.1.2-1 [101kB]
Get:55 http://ftp.us.debian.org squeeze/main libopencore-amrnb-dev 0.1.2-1 [121kB]
Get:56 http://ftp.us.debian.org squeeze/main libopencore-amrwb0 0.1.2-1 [52.3kB]
Get:57 http://ftp.us.debian.org squeeze/main libopencore-amrwb-dev 0.1.2-1 [58.1kB]
Fetched 28.4MB in 1min19s (356kB/s)
Extracting templates from packages: 100%
(Reading database ...)
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21585 files and directories currently installed.)
Preparing to replace zlib1g 1:1.2.3.3.dfsg-12 (using .../zlib1g_1%3a1.2.3.4.dfsg-3_powerpc.deb) ...
Unpacking replacement zlib1g ...
Setting up zlib1g (1:1.2.3.4.dfsg-3) ...
(Reading database ...)
dpkg: warning: files list file for package `ramlog' missing, assuming package has no files currently installed.

dpkg: warning: files list file for package `libparted0' missing, assuming package has no files currently installed.
(Reading database ... 21585 files and directories currently installed.)
Preparing to replace binutils 2.18.1-cvs20080103-7 (using .../binutils_2.20.1-16_powerpc.deb) ...
Unpacking replacement binutils ...
Selecting previously deselected package libavutil50.
Unpacking libavutil50 (from .../libavutil50_5%3a0.7.13-dmo2_powerpc.deb) ...
Preparing to replace libraw1394-11 2.0.5-1 (using .../libraw1394-11_2.0.5-2_powerpc.deb) ...
Unpacking replacement libraw1394-11 ...
Preparing to replace libusb-1.0-0 2:1.0.6-1 (using .../libusb-1.0-0_2%3a1.0.8-2_powerpc.deb) ...
Unpacking replacement libusb-1.0-0 ...
Preparing to replace libdc1394-22 2.1.2-2 (using .../libdc1394-22_2.1.2-3_powerpc.deb) ...
Unpacking replacement libdc1394-22 ...
Selecting previously deselected package libjack-jackd2-0.
Unpacking libjack-jackd2-0 (from .../libjack-jackd2-0_1.9.6-dfsg.1-2_powerpc.deb) ...
Selecting previously deselected package libxfixes3.
Unpacking libxfixes3 (from .../libxfixes3_1%3a4.0.5-1_powerpc.deb) ...
Preparing to replace libavdevice52 4:0.5.1-3 (using .../libavdevice52_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavdevice52 ...
Selecting previously deselected package libraw1394-dev.
Unpacking libraw1394-dev (from .../libraw1394-dev_2.0.5-2_powerpc.deb) ...
Preparing to replace libavformat-dev 4:0.5.1-3 (using .../libavformat-dev_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavformat-dev ...
Selecting previously deselected package librtmp0.
Unpacking librtmp0 (from .../librtmp0_2.3-2_powerpc.deb) ...
Preparing to replace libavformat52 4:0.5.1-3 (using .../libavformat52_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavformat52 ...
Preparing to replace libogg0 1.1.3-4 (using .../libogg0_1.2.0-dfsg-1_powerpc.deb) ...
Unpacking replacement libogg0 ...
Selecting previously deselected package libogg-dev.
Unpacking libogg-dev (from .../libogg-dev_1.2.0-dfsg-1_powerpc.deb) ...
Preparing to replace libvorbis0a 1.2.0.dfsg-3.1+lenny1 (using .../libvorbis0a_1.3.1-1+squeeze1_powerpc.deb) ...
Unpacking replacement libvorbis0a ...
Preparing to replace libvorbisenc2 1.2.0.dfsg-3.1+lenny1 (using .../libvorbisenc2_1.3.1-1+squeeze1_powerpc.deb) ...
Unpacking replacement libvorbisenc2 ...
Selecting previously deselected package libvorbisfile3.
Unpacking libvorbisfile3 (from .../libvorbisfile3_1.3.1-1+squeeze1_powerpc.deb) ...
Selecting previously deselected package libvorbis-dev.
Unpacking libvorbis-dev (from .../libvorbis-dev_1.3.1-1+squeeze1_powerpc.deb) ...
Selecting previously deselected package liba52-0.7.4.
Unpacking liba52-0.7.4 (from .../liba52-0.7.4_0.7.4-14_powerpc.deb) ...
Selecting previously deselected package liba52-0.7.4-dev.
Unpacking liba52-0.7.4-dev (from .../liba52-0.7.4-dev_0.7.4-14_powerpc.deb) ...
Selecting previously deselected package libc-dev-bin.
Unpacking libc-dev-bin (from .../libc-dev-bin_2.11.3-3_powerpc.deb) ...
Selecting previously deselected package linux-libc-dev.
Unpacking linux-libc-dev (from .../linux-libc-dev_2.6.32-45_powerpc.deb) ...
Selecting previously deselected package libc6-dev.
Unpacking libc6-dev (from .../libc6-dev_2.11.3-3_powerpc.deb) ...
Selecting previously deselected package zlib1g-dev.
Unpacking zlib1g-dev (from .../zlib1g-dev_1%3a1.2.3.4.dfsg-3_powerpc.deb) ...
Preparing to replace libtheora0 1.0-beta3-1 (using .../libtheora0_1.1.1+dfsg.1-3_powerpc.deb) ...
Unpacking replacement libtheora0 ...
Selecting previously deselected package libtheora-dev.
Unpacking libtheora-dev (from .../libtheora-dev_1.1.1+dfsg.1-3_powerpc.deb) ...
Selecting previously deselected package libgsm1-dev.
Unpacking libgsm1-dev (from .../libgsm1-dev_1.0.13-3_powerpc.deb) ...
Selecting previously deselected package libfaac0.
Unpacking libfaac0 (from .../libfaac0_1.28-0.3_powerpc.deb) ...
Selecting previously deselected package libfaac-dev.
Unpacking libfaac-dev (from .../libfaac-dev_1.28-0.3_powerpc.deb) ...
Preparing to replace libfaad2 2.7-4 (using .../libfaad2_2.7-6_powerpc.deb) ...
Unpacking replacement libfaad2 ...
Selecting previously deselected package libfaad-dev.
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Unpacking libfaad-dev (from .../libfaad-dev_2.7-6_powerpc.deb) ...
Selecting previously deselected package libx264-118.
Unpacking libx264-118 (from .../libx264-118_3%3a0.118.2085+git8a62835-0.1+1_powerpc.deb) ...
Selecting previously deselected package libx264-dev.
Unpacking libx264-dev (from .../libx264-dev_3%3a0.118.2085+git8a62835-0.1+1_powerpc.deb) ...
Preparing to replace libavcodec-dev 4:0.5.1-3 (using .../libavcodec-dev_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavcodec-dev ...
Preparing to replace libavutil-dev 4:0.5.1-3 (using .../libavutil-dev_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavutil-dev ...
Selecting previously deselected package libmp3lame0.
Unpacking libmp3lame0 (from .../libmp3lame0_3.98.4-0.0_powerpc.deb) ...
Selecting previously deselected package libmp3lame-dev.
Unpacking libmp3lame-dev (from .../libmp3lame-dev_3.98.4-0.0_powerpc.deb) ...
Selecting previously deselected package libxvidcore4.
Unpacking libxvidcore4 (from .../libxvidcore4_2%3a1.2.2-0.1_powerpc.deb) ...
Selecting previously deselected package libxvidcore4-dev.
Unpacking libxvidcore4-dev (from .../libxvidcore4-dev_2%3a1.2.2-0.1_powerpc.deb) ...
Selecting previously deselected package libdc1394-22-dev.
Unpacking libdc1394-22-dev (from .../libdc1394-22-dev_2.1.2-3_powerpc.deb) ...
Selecting previously deselected package libdirac-decoder0.
Unpacking libdirac-decoder0 (from .../libdirac-decoder0_1.0.2-3_powerpc.deb) ...
Selecting previously deselected package libdirac-dev.
Unpacking libdirac-dev (from .../libdirac-dev_1.0.2-3_powerpc.deb) ...
Preparing to replace liborc-0.4-0 0.4.4-2 (using .../liborc-0.4-0_1%3a0.4.6-2_powerpc.deb) ...
Unpacking replacement liborc-0.4-0 ...
Selecting previously deselected package liborc-0.4-dev.
Unpacking liborc-0.4-dev (from .../liborc-0.4-dev_1%3a0.4.6-2_powerpc.deb) ...
Selecting previously deselected package pkg-config.
Unpacking pkg-config (from .../pkg-config_0.25-1.1_powerpc.deb) ...
Selecting previously deselected package libschroedinger-dev.
Unpacking libschroedinger-dev (from .../libschroedinger-dev_1.0.9-2_powerpc.deb) ...
Selecting previously deselected package libopencore-amrnb0.
Unpacking libopencore-amrnb0 (from .../libopencore-amrnb0_0.1.2-1_powerpc.deb) ...
Selecting previously deselected package libopencore-amrnb-dev.
Unpacking libopencore-amrnb-dev (from .../libopencore-amrnb-dev_0.1.2-1_powerpc.deb) ...
Selecting previously deselected package libopencore-amrwb0.
Unpacking libopencore-amrwb0 (from .../libopencore-amrwb0_0.1.2-1_powerpc.deb) ...
Selecting previously deselected package libopencore-amrwb-dev.
Unpacking libopencore-amrwb-dev (from .../libopencore-amrwb-dev_0.1.2-1_powerpc.deb) ...
Selecting previously deselected package libvpx0.
Unpacking libvpx0 (from .../libvpx0_0.9.7.p1-2.squeeze2_powerpc.deb) ...
Preparing to replace libavcodec52 4:0.5.1-3 (using .../libavcodec52_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libavcodec52 ...
Preparing to replace libswscale0 4:0.5.1-3 (using .../libswscale0_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libswscale0 ...
Selecting previously deselected package libavfilter1.
Unpacking libavfilter1 (from .../libavfilter1_5%3a0.7.13-dmo2_powerpc.deb) ...
Preparing to replace libpostproc51 4:0.5.1-3 (using .../libpostproc51_5%3a0.7.13-dmo2_powerpc.deb) ...
Unpacking replacement libpostproc51 ...
Selecting previously deselected package ffmpeg.
Unpacking ffmpeg (from .../ffmpeg_5%3a0.7.13-dmo2_powerpc.deb) ...
Processing triggers for man-db ...
Setting up libc6-ppc64 (2.11.3-3) ...
Setting up binutils (2.20.1-16) ...
Setting up libavutil50 (5:0.7.13-dmo2) ...
Setting up libraw1394-11 (2.0.5-2) ...
Creating device node /dev/raw1394...udevdb or udev presence implies active udev. Aborting MAKEDEV invocation.
done.
Setting up libusb-1.0-0 (2:1.0.8-2) ...
Setting up libdc1394-22 (2.1.2-3) ...
Setting up libjack-jackd2-0 (1.9.6-dfsg.1-2) ...
Setting up libxfixes3 (1:4.0.5-1) ...
Setting up libfaac0 (1.28-0.3) ...
Setting up libmp3lame0 (3.98.4-0.0) ...
Setting up libopencore-amrnb0 (0.1.2-1) ...
Setting up libopencore-amrwb0 (0.1.2-1) ...
Setting up libogg0 (1.2.0-dfsg-1) ...
Setting up libtheora0 (1.1.1+dfsg.1-3) ...
Setting up libvorbis0a (1.3.1-1+squeeze1) ...
Setting up libvorbisenc2 (1.3.1-1+squeeze1) ...
Setting up libvpx0 (0.9.7.p1-2.squeeze2) ...
Setting up libx264-118 (3:0.118.2085+git8a62835-0.1+1) ...
Setting up libxvidcore4 (2:1.2.2-0.1) ...
Setting up libavcodec52 (5:0.7.13-dmo2) ...
Setting up librtmp0 (2.3-2) ...
Setting up libavformat52 (5:0.7.13-dmo2) ...
Setting up libavdevice52 (5:0.7.13-dmo2) ...
Setting up libraw1394-dev (2.0.5-2) ...
Setting up libavformat-dev (5:0.7.13-dmo2) ...
Setting up libogg-dev (1.2.0-dfsg-1) ...
Setting up libvorbisfile3 (1.3.1-1+squeeze1) ...
Setting up libvorbis-dev (1.3.1-1+squeeze1) ...
Setting up liba52-0.7.4 (0.7.4-14) ...
Setting up liba52-0.7.4-dev (0.7.4-14) ...
Setting up libc-dev-bin (2.11.3-3) ...
Setting up linux-libc-dev (2.6.32-45) ...
Setting up libc6-dev (2.11.3-3) ...
Setting up zlib1g-dev (1:1.2.3.4.dfsg-3) ...
Setting up libtheora-dev (1.1.1+dfsg.1-3) ...
Setting up libgsm1-dev (1.0.13-3) ...
Setting up libfaac-dev (1.28-0.3) ...
Setting up libfaad2 (2.7-6) ...
Setting up libfaad-dev (2.7-6) ...
Setting up libx264-dev (3:0.118.2085+git8a62835-0.1+1) ...
Setting up libavutil-dev (5:0.7.13-dmo2) ...
Setting up libmp3lame-dev (3.98.4-0.0) ...
Setting up libxvidcore4-dev (2:1.2.2-0.1) ...
Setting up libdc1394-22-dev (2.1.2-3) ...
Setting up libdirac-decoder0 (1.0.2-3) ...
Setting up libdirac-dev (1.0.2-3) ...
Setting up liborc-0.4-0 (1:0.4.6-2) ...
Setting up liborc-0.4-dev (1:0.4.6-2) ...
Setting up pkg-config (0.25-1.1) ...
Setting up libschroedinger-dev (1.0.9-2) ...
Setting up libopencore-amrnb-dev (0.1.2-1) ...
Setting up libopencore-amrwb-dev (0.1.2-1) ...
Setting up libavcodec-dev (5:0.7.13-dmo2) ...
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Setting up libswscale0 (5:0.7.13-dmo2) ...
Setting up libavfilter1 (5:0.7.13-dmo2) ...
Setting up libpostproc51 (5:0.7.13-dmo2) ...
Setting up ffmpeg (5:0.7.13-dmo2) ...
Installing new version of config file /etc/ffmpeg.conf ...
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# ffmpeg -version
ffmpeg version 0.7.13, Copyright (c) 2000-2011 the FFmpeg developers
  built on Jun 13 2012 17:34:23 with gcc 4.4.5
  configuration: --enable-libbdc1394 --prefix=/usr --extra-cflags='-Wall -g -fPIC -DPIC' --cc='ccache cc' --enable-shared --enable-
libmp3lame --enable-gpl --enable-libvorbis --enable-pthreads --enable-libfaac --enable-libxvid --enable-postproc --enable-x11grab
--enable-libgsm --enable-libtheora --enable-libopencore-amrnb --enable-libopencore-amrwb --enable-libx264 --enable-libspeex --enable-
nonfree --disable-stripping --enable-avfilter --enable-libdirac --disable-decoder=libdirac --enable-libfreetype --enable-
libschroedinger --disable-encoder=libschroedinger --enable-version3 --enable-libopenjpeg --enable-libvpx --enable-librtmp --extra-
libs=-lgcrypt --disable-altivec --disable-armv5te --disable-armv6 --disable-vis
  libavutil      50. 43. 0 / 50. 43. 0
  libavcodec     52.123. 0 / 52.123. 0
  libavformat    52.111. 0 / 52.111. 0
  libavdevice    52.  5. 0 / 52.  5. 0
  libavfilter     1. 80. 0 /  1. 80. 0
  libswscale     0. 14. 1 /  0. 14. 1
  libpostproc   51.  2. 0 / 51.  2. 0
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# nano /etc/network/interfaces
[add, after line with "iface eth0 inet dhcp", this text -> up route add -net 240.0.0.0 netmask 240.0.0.0 dev eth0]
MyBookLive:/usr/local/serviio/serviio-0.6.2/bin# cd /root
MyBookLive:~# wget https://github.com/downloads/mpemberton5/Web-UI-for-Serviio/WebUI%20v1.0.2.zip
MyBookLive:~# cd /var/www
MyBookLive:/var/www# unzip /root/WebUI\ v1.0.2.zip
MyBookLive:/var/www# chmod -R 0755 servioweb
MyBookLive:/var/www# mv /etc/init.d/twonky /etc/init.d/twonky.norun
MyBookLive:/var/www# reboot

```

(Waiting for a complete reboot of the unit can take also 5-10 minutes to complete...)

Now user can point his preferred browser to [http://<my\\_book\\_live\\_ip>/servioweb](http://<my_book_live_ip>/servioweb) to manage Serviio DLNA/UPNP Media Server.