



FAQ / Application Note

Subject : How to play HD video with multithread in Ubuntu 9.10

FAQ Document No: S10007

Date: 2010/05/11

Model Name. 945GSE

Rev. A1

Category: General H/W S/W Others, AP

Purpose :

To use MPlayer with the experimental multithreaded FFmpeg-mt branch, which allows you to use multiple cores/CPU

Environment Config

OS: Ubuntu 9.10 (Kernel version 2.6.31-14)

VGA driver: 2.9.0

Codec: FFmpeg-mt

Install procedure:

```

$ mkdir ffmpeg-mt
$ cd ffmpeg-mt
$ sudo apt-get install git-core
$ git clone git://repo.or.cz/mplayer-build.git
$ cd mplayer-build
$ sudo apt-get install autoconf libtool
$ sudo apt-get install libavutil-dev
$ sudo apt-get install libdvdrread-dev
$ sudo apt-get install vflib3-dev
$ ./enable-mt
$ ./init
$ cd mplayer
$ ./configure
$ cd ..
$ make -j2
$ mplayer/mplayer -vf ffmpeg -lavdopts skiploopfilter=all:threads=2 /home/avalue/Desktop/sample.1080p.mkv

```

Avalue Technology Inc.

7F, 228, Lian-Cheng Road, Chung Ho City, Taipei, Taiwan R.O.C.

www.avalue.com.tw
sales@avalue.com.tw
Tel:+886-2-82262345
Fax:+886-2-82262777

Avalue Europe
sales.europe@avalue.com.tw
Tel: +45-7025-0310
Fax: +45-4975-5026

Avalue USA
sales@avalue-usa.com
Tel: +1-732-578-0200
Fax: +1-732-578-0250

BCM Advanced Research
BCMSales@bcmcom.com
Tel: +1-949-470-1888
Fax: +1-949-470-0971

Avalue China
sales.china@avalue.com.cn
Tel: +86-21-5426-3399
Fax: +86-21-6495-0370