

ANN: PyMedia-1.2.3.0-pre2 is out

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2004-11/0457.html>

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Hi all,

Finally I have managed to make a pre-release for version 1.2.3.0

What is it ?

PyMedia is a Python module for avi, mp3, ogg, wma, divx and other media formats processing.

It is crossplatform and can work on Windows, Linux and cygwin.

PyMedia is based upon the following libraries :

libavcodec, libavformat, libdvdcss, libdvddread

It has simple and yet powerful interface. Check out the tutorial section:

<http://pymedia.org/tut/>

Features

1. Audio decoding/encoding for the following types:
 - mp2, mp3, ac3, ogg, wma, aac
2. Video decoding/encoding for the following types:
 - mpeg1,2 (dvd, vcd, svcd), mpeg4, xvid, asf
3. Video/Audio muxing for mpeg files only
4. Direct access to sound device(Input/Output). Input is synchronous in Linux.
5. Sound manipulation classes such as Resampler and SpectrAnalyzer
6. Direct access to cdda tracks for easy grabbing and encoding Audio CDs
7. Direct access to dvd tracks for playing DVD movies(all types)
8. Ability to convert video frames from YUV<->BMP formats
9. Simple interface and portability(Windows/Linux/cygwin)

Changelog

- VFrame has new method: convert(). Allow you to convert it to any other format(RGB<->YUV)
- resampler works as expected now
- VFrame can be created explicitly(allows to create your own movies from the set of pics)
- wma can play small chunks

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- windows ISound interface get fixed(patch from Raefer Gabriel)
- windows OSound interface get fixed, no freezing anymore
- windows binary supports MMX optimization(30% boost)
- audio.muxer has new method mux and flush. To be compatible with every stream format not only MPEG.
- CLE266 chipset support included for HW DVD playback on Linux with Directfb/pydfb(experimental !)
- seeking supported for video/audio
- new Mixer interface
- meta tags for ogg, wma and mp3 can be changed and written back to the file
- aac playback support(experimental !)

Download

Just check the <http://pymedia.org> and download the latest version (1.2.3.0-pre2).
You may download Windows binaries as well.

How to use

Please see the tutorial on how to install and use:
<http://pymedia.org/tut/>

License

At the moment the whole module is GPL because of libdvdread and libdvdcss.
I have plans to make it LGPL eventually.

Enjoy,
Dmitry/