
Subject: Re: mpeg next question

Posted by [Rick Towler](#) on Tue, 01 Oct 2002 20:55:13 GMT

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"Reimar Bauer" <R.Bauer@fz-juelich.de> wrote

> The codecs all available for linux too. But I am missing some examples at
> the moment.

I am not entirely sure what you are asking.

If you need playback on linux machines then you are limited to Indeo 4 & 5 and DivX. Playback should be straightforward. Xanim handles the Indeo 4 & 5 formats (with the proper Xanim decompressor files). DivX offers the codec for linux but the main site doesn't offer a player at this time. You'll have to search freshmeat.net or sourceforge for a player that can use the DivX codec on linux.

If you need to encode on linux then you are on your own. You will need a program that will take all of the still frames and create an .avi file from them (preferably using the codec of your choice). Try <http://heroinewarrior.com/index.php3> they make cinelerra which might do the job.

Since you posted the Powerpoint question you must have access to a windows PC. If this is the case you should at best be able to use Ronn's IDLtoAVI .dlm (if IDL is available on the PC). It is well documented and easy to use. If IDL isn't available on the PC the least you should be able to do is use a windows based tool to create the .avi files from your still frames. I use the shareware program videoMach (www.gromada.com) but there are undoubtedly many other programs that will work. The indeo codecs are at www.ligos.com. You need to download and install the codecs, then reboot, before you can use them in videoMach.

The indeo codecs will work quite well. I think that in your case (linux support) they are the best choice. In my test cases visually they performed almost identically but the version 5 codec was speedier. Note that you will need the correct codec on *any* machine you wish to play your video on.

There is still a lot to know. Each codec can be tuned for your particular application, often to great benefit. It will take some time working with them to arrive at the best settings for your particular animation.

-Rick
