
Subject: Re: Two questions (about Mpeg and Networking)

Posted by [R.Bauer](#) on Wed, 20 Aug 2003 08:09:18 GMT

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Sangwoo wrote:

- > Hi, everybody! I've got a question concerning MPEG files. Is it
- > possible to extract each frame from an MPEG file in IDL? I mean the
- > reverse process of making an MPEG file. If an MPEG file is made of 100
- > frames, I wonder if it's possible to extract all those 100 frame
- > images. I heard that it's possible using external linking with other
- > non-IDL routines, but I'm not sure about it.

Dear Sangwoo

At the moment there is no idl Routine available to extract images from mpeg files. This was one of the reasons I have set up our anim format.

- > The other question is about file transfer via FTP or WWW. Is there a
- > good way of data exchange via FTP or WWW with IDL? I want to download
- > data from an FTP site or a Web site. Also I want to try to upload data
- > reversely. Actually I used 'spawn' to activate FTP from DOS prompt. I
- > know it's one way, but I wonder if there's built-in capability of data
- > transfer in IDL itself.

This could be done by the socket command. You should do a google group search about socket.

regards

Reimar

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

Subject: Re: Two questions (about Mpeg and Networking)

Posted by [Rick Towler](#) on Wed, 20 Aug 2003 20:09:45 GMT

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"Sangwoo" wrote in message

...

- > Hi, everybody! I've got a question concerning MPEG files. Is it
- > possible to extract each frame from an MPEG file in IDL? I mean the
- > reverse process of making an MPEG file. If an MPEG file is made of 100
- > frames, I wonder if it's possible to extract all those 100 frame
- > images. I heard that it's possible using external linking with other
- > non-IDL routines, but I'm not sure about it.

The short answer is no.

The long answer is not with MPEG files, but you can read .avi files on windows machines using Oleg and Ronn's idl2avi package (www.kilvarock.com). There are a number of free utilities that can convert from MPEG to avi which you could use to convert your source file(s) for use with this method.

Another option (if you only have a single MPEG file) is to manually extract using a software DVD player like WinDVD or PowerDVD. They tend to ship with a very good decoder but you won't be able to get frame accurate extractions since they will only queue at I-frames (an I-frame is like a key frame). There are probably a number of other programs that can do this too, but most will suffer from this same problem.

-Rick
