Subject: Re: mpeg?
Posted by hahn on Thu, 04 Apr 1996 08:00:00 GMT

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Matt Moorman <moorman@gueuze.nrl.navy.mil> wrote:

> Greetings,
>   I have a quick question that has been vexing me for days now. Is it possible
> to change an image in IDL directly into an MPEG image? I know you could convert the
> IDL image to a JPEG and then use an encoder to make that an MPEG, but can you skip
> this step? If anyone has any ideas please send them along to either the list or to
> my private account.
>   Thanks for your time,
>   Matthew Moorman

MPEG is made up of a series of pictures; the first letter being the
abbr. of Motion. The compression is done by scanning several
seconds of the movie (30 frames per second in the U.S., 25 fps
in Europe) and finding out which frames are to be kept as a whole
while the intra frames are stored as increments.

Such a program eats a lot of storage (20 MB per second) and
CPU power. Why should this be integrated into IDL ?
And how about the sound track?? It is integral part of MPEG and
hence will get compressed too!

Quite different from MPEG is Motion-JPEG, easier to generate,
movie can be cut or played back in either direction. Of course,
less compression compared to MPEG.

Norbert