Subject: Re: Read Zipped files

Posted by mchinand on Tue, 29 Aug 2006 20:52:52 GMT

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In article <1156870907.629435.73050@i3g2000cwc.googlegroups.com>, loknath <ladhikari@gmail.com> wrote:

- > Hi,
- > I have huge satellite data stored in zipped files and unzipping would
- > be costly for my hard drive. Is there a way IDL can unzip these files
- > and read or read these files without unzipping in the hard drive.
- > Thanks

>

I'm not sure if this is the best way to do this, but on Linux (and other Unix flavors?) you could use named pipes:

from the shell prompt (only has to be done once):

> mkfifo pipe_filename

then in IDL for each file you want to unzip and read (filename is a string variable with containing the filename of zipped file you want to read):

spawn, 'unzip -p '+filename+' >pipe_filename&'

<insert read commands here, using pipe_filename as if it were a regular file
containing your unzipped data>

If your files used gzip compression instead, you could just use the /COMPRESS option for OPENR.

I don't think any of this would work in Windows but probably in OS X. Didn't someone have a Windows DLM that supported zipped files?

Good luck,

--Mike

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