
Subject: Re: reading gzipped CDFs

Posted by [Rick Towler](#) on Thu, 27 Feb 2003 17:26:45 GMT

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"erikb" wrote ...

> I have gzipped CDF files that I would like to open without having to
> manually unzip them for space considerations. I know that IDL can
> handle opening gzipped files with the /compress keyword to the open
> routines, but that doesn't help with a CDF. I see that my ver. of IDL
> (5.4) has a CDF_compression command, but it seems that this is an
> internal compression method within the CDF structure.

> So... is there a way to get IDL to understand that I have
> a gzipped CDF?

No.

> I'm thinking I need to kludge CDF_open somehow.

Since (net)CDF functionality is provided via .dlms your ability to kludge anything will be rather limited unless you roll your own.

I think your only option is the unzip -> use -> zip approach you have already thought of. Ken suggested using mktemp() to create unique file names although that is a C library function and isn't native to IDL. An alternative would be to use the last 8 or so digits of systime(/seconds) to create your filename. This approach has limits (you only get 1 unique name per second) but I think it would be fine for what you want to do.

-Rick
