
Subject: Re: gzipped files

Posted by [Martin Schultz](#) on Fri, 17 Apr 1998 07:00:00 GMT

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Dallas Masters wrote:

>
> David Foster wrote:
>>
>> then use
>> SPAWN to unzip the files if you're on a UNIX system. How you read
>> them depends on what kind of files they are. You might use
>> one of the READ_BMP, READ_GIF, etc. routines. If the images are
>
> snip
>
> How can I pass the piped output (LUN) to READ_BMP, READ_GIF, READ_TIFF?
> These procedures take file names as inputs, not LUNs. Is there a way
> around this?
>
> Why did RSI not make all I/O routines take either one flavor or all
> flavors: file name string or LUN? LUNs would make IDL much easier to
> hack.
>
> Thanks,
> --

Just grab the READ_* routines from the IDL lib directory and adapt them to your needs. A compatible way to do it would be something like :

```
if (n_elements(ilun) eq 0) then $  
    openr,ilun,filename,...
```

But of course you would have to do some error checking
(A) whether the files has been opened (fstat)
(B) if you need the name, make sure it is valid

Maybe RSINC will be interested in your patches.

Regards,
Martin.

PS: But what I am really wondering about is WHY is READ_TIFF a function,
whereas READ_GIF is a procedure ?

--

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