Subject: Re: reading dem
Posted by Craig Markwardt on Fri, 01 Sep 2000 18:34:34 GMT
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Sylvain Carette <sylvainc@total.net> writes:

> ----------A4C74D0ACADA4F254E47B596
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> Well it didnt work.. :-(
> I got:
> % Input line is too long for input buffer of 32767 characters.
> % READF: Error encountered reading from file. Unit: 100, File:
> D:\gis\DEM250\montrealw.dem
>
> Now I'm stuck... is there a way to make readf read only no more than 32767
> char?

Okay, so you can read <31 1024-blocks at a time, unformatted. Then
you convert to a string and use reads.

```
ii = 0L
bb = bytarr(1024L*31) && ll = lonarr(170L*31)
while ii LT nvals do begin
  readu, lun, bb          ;; Read blocks
  reads, string(bb), ll   ;; Change to a string and parse into LONGs
  im(ii:ii+170-1) = ll    ;; Insert into image array
  ii = ii + n_elements(ll) ;; Advance array index
end
```

This doesn't handle the case of the first block, which only has 135
elements, but you should get the idea. Now why not try a little
experimentation on your own...

Good luck,
Craig

P.S. I used a long integer because the values are defined in the spec
as INTEGER*4.

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