Subject: Re: Help needed: read procedure for SCAN-data (soil climate analysis network)
Posted by peter.albert@gmx.de on Mon, 26 Sep 2005 13:52:04 GMT
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Hi Daniel,

from a quick glance at the website, I'd guess that the files come as
plain ASCII files. In that case, you might start with something like

```
openr, lun, filename
line = ""
while not eof(lun) do begin
  readf, lun, line
  print, line
  elements = strsplit(line, /extract)
  help, elements
endwhile
free_lun, lun
```

With the "openr" command you open the file for reading. Each subsequent
call to "readf" reads one line into the (string) variable "line"
defined in the second line. Most likely you can seperate the
individual pieces of information contained in this line with the
"strsplit" command, if not, you will have to have a close look into the
manual and learn something about the "format" keyword to "readf". Each
individual element can then be adressed e.g. like

```
data = elements[2]
```

which will give you the third element in that line. (IDL starts
counting at zero.)

If you don't have ASCII files but HDF, netcdf or similar, things are
different, but easier. Just tell us.

Regards,

   Peter

Subject: Re: Help needed: read procedure for SCAN-data (soil climate analysis network)
Posted by daniel.sabel on Tue, 04 Oct 2005 10:47:56 GMT
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Sorry for the late reply. Thank you very much for your answer. The
files were in ascii format but lacked the consistency to use the

strsplit straight off, but the problem is solved now.

Best regards,

Daniel