
Subject: Re: Need more than 32767 characters!

Posted by [Liam Gumley](#) on Mon, 02 Aug 1999 07:00:00 GMT

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Robert King wrote:

> I'm adding a file viewer to one of my programs, it reads an ASCII text file
> and displays the whole thing to a text widget.

>

> I'm using something like:

>

> _____

>

> line=""

> txt='File contents:' +STRING([13B,10B])

> WHILE NOT EOF(lun) DO BEGIN

> ReadF, lun, line

> txt = txt + line + STRING([13B,10B])

> ENDWHILE

> Widget_Control, mytext_id, SET_VALUE=txt

>

> _____

>

> The problem is that the file is longer than 32,767 characters (about 32
> times larger..). Is there a way of showing the whole file (other than using
> 32 different text widgets) ?

You need to read the file into a string array, rather than a string variable, e.g.

;---cut here---

FUNCTION READTEXT, FILE

; Read a text file into a string array

; Usage: RESULT = READTEXT(FILE)

;- Open the file

openr, lun, file, /get_lun

;- Create string variables

maxlines = 100000L

data = strarr(maxlines)

line = ''

nlines = 0

;- Read the file until EOF

```
while not eof(lun) do begin
  readf, lun, line
  data[nlines] = line
  nlines = nlines + 1
endwhile
```

;- Truncate the string array

```
data = data[0 : (nlines - 1) > 0]
```

;- Close the file and return the result

```
free_lun, lun
return, data
```

END

;---cut here---

Or you could use XDISPLAYFILE, e.g.

```
xdisplayfile, file
```

Cheers,
Liam.

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