Chandra X-ray Center

AHELP for CIAO 3.4   **fgetslines**   Context: slangrtl

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Synopsis

Read all the lines from an open file

Syntax

```
String_Type[] fgetslines (File_Type fp)
```

Description

The fgetslines function returns all the remaining lines as an array of strings in the file specified by the open file pointer fp. If the file is empty, an empty string array will be returned. The function returns NULL upon error.

Example

The following function returns the number of lines in a file:

```
define count_lines_in_file (file)
{
   variable fp, lines;

   fp = fopen (file, "r");
   if (fp == NULL)
     return -1;

   lines = fgetslines (fp);
   if (lines == NULL)
     return -1;

   return length (lines);
}
```

Note that the file was implicitly closed by the function.

This function should not be used if the file contains many lines since that would require that all the lines be read into memory.

Ahelp: fgetslines – CIAO 3.4

See Also

slangrtl

clearerr, fclose, fdopen, feof, ferror, fflush, fgets, fileno, fopen, fputs, fread, fseek, ftell, fwrite, isatty, mkdir, open, popen, read

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See Also