Sourcecode: FGets.c

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Contents

Chapter 1

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1.1 FGets.c

```
/* FGets.c   V1.1   93-03-03                    */
/* ROM library: "dos.library/FGets", (V36+)     */
/* Copyright 1993, Anders Bjerin, Amiga C Club */

#include <dos/dos.h>

#include <clib/dos_protos.h>
#include <stdio.h>
#include <stdlib.h>

#define BUFFER_LENGTH 80

UBYTE *version = "$VER: FGets 1.1";

int main( int argc, char *argv[] );
int main( int argc, char *argv[] )
{
  BPTR my_file;
  UBYTE my_buffer[ BUFFER_LENGTH ];
  STRPTR ok_ptr;


  /* Open an already existing file: */
  my_file = Open( "RAM:Shakespeare.doc", MODE_OLDFILE );
  if( !my_file )
    exit( 20 );

  /* Collect the first line: (If the line is longer than        */
  /* BUFFER_LENGTH, the remaining part will be read next time.) */
  ok_ptr = FGets( my_file, my_buffer, BUFFER_LENGTH );

  /* As long as we have not reached the end of the file */
  /* or have found an error we stay in the while loop:  */
  while( ok_ptr )
  {
    /* Print the collected string: */
    printf( "%s", my_buffer );
```

```
    /* Get next line: (Or the remaining part of the  */
    /* last one if the whole line did not fit in the */
    /* buffer the first time.)                       */
    ok_ptr = FGets( my_file, my_buffer, BUFFER_LENGTH );
  }

  /* EOF or Error? */
  if( IoErr() )
    printf( "Error while reading!\n" );
  else
    printf( "End Of File!\n" );

  Close( my_file );

  exit( 0 );
}
```