

# clearerr

Defined in header <stdio.h>

```
void clearerr( FILE *stream );
```

Resets the error flags and the EOF indicator for the given file stream.

## Parameters

**stream** - the file to reset the error flags for

## Return value

(none)

## Example

Run this code

```
#include <stdio.h>
#include <stdlib.h>
#include <assert.h>

int main(void)
{
    FILE* tmpf = tmpfile();
    fputs("abcde\n", tmpf);
    rewind(tmpf);
    int ch;
    while ((ch=fgetc(tmpf)) != EOF)
        printf("%c", ch);
    assert(feof(tmpf)); // the loop is expected to terminate by eof
    puts("End of file reached");

    clearerr(tmpf); // clear eof

    if (feof(tmpf))
        puts("EOF indicator set");
    else
        puts("EOF indicator cleared\n");
}
```

Output:

```
abcde
End of file reached
EOF indicator cleared
```

## References

- C11 standard (ISO/IEC 9899:2011):
  - 7.21.10.1 The clearerr function (p: 338)
- C99 standard (ISO/IEC 9899:1999):
  - 7.19.10.1 The clearerr function (p: 304)
- C89/C90 standard (ISO/IEC 9899:1990):
  - 4.9.10.1 The clearerr function

## See also

<b>feof</b>	checks for the end-of-file (function)
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**perror** displays a character string corresponding of the current error to stderr  
(function)

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**ferror** checks for a file error  
(function)

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**C++ documentation for clearerr**

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