1 Purpose

nag_read_line (x04bbc) reads a single line from an external file.

2 Specification

```c
#include <nag.h>
#include <nagx04.h>
void nag_read_line (Nag_FileID fileid, char *line, Integer linelen,
                    NagError *fail)
```

3 Description

nag_read_line (x04bbc) may be used to read from files opened with nag_open_file (x04acc).

4 References

None.

5 Arguments

1: fileid – Nag_FileID

   On entry: the identifier of the file to be read from. This must have been returned by a call of nag_open_file (x04acc).

2: line – char *

   A character buffer of length linelen.

   On exit: contains a null-terminated character-string read from the file associated with the FileID. If line is too small to hold the entire string, excess characters are discarded.

3: linelen – Integer

   On entry: the size of the character buffer line. If linelen ≤ 0, no characters are read and line is unchanged.

4: fail – NagError *

   The NAG error argument (see Section 3.6 in the Essential Introduction).

6 Error Indicators and Warnings

NE_READ_ERROR

Error occurred when reading from FileID ⟨value⟩.

7 Accuracy

Not applicable.
8 Parallelism and Performance
Not applicable.

9 Further Comments
None.

10 Example
See Section 10 in nag_open_file (x04acc).