

NAME

afReadFrames – read sample frames from a track in an audio file

SYNOPSIS

```
#include <audiofile.h>
```

```
Aframecount afReadFrames(AFfilehandle file, int track, void *data,  
    int count);
```

DESCRIPTION

afReadFrames attempts to read up to *count* frames of audio data from the audio file handle *file* into the buffer at *data*.

PARAMETERS

file is a valid file handle returned by **afOpenFile(3)**.

track is always AF_DEFAULT_TRACK for all currently supported file formats.

data is a buffer of storing *count* frames of audio sample data.

count is the number of sample frames to be read.

RETURN VALUE

afReadFrames returns the number of frames successfully read from *file*.

ERRORS

afReadFrames can produce these errors:

AF_BAD_FILEHANDLE

the file handle was invalid

AF_BAD_TRACKID

the track parameter is not AF_DEFAULT_TRACK

AF_BAD_READ

reading audio data from the file failed

AF_BAD_LSEEK

seeking within the file failed

SEE ALSO

afWriteFrames(3)

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