

NAME

afGetFrameCount, afGetTrackBytes, afGetDataOffset – get the total sample frame count, length of audio track in bytes, offset of the audio track for a track in an audio file

SYNOPSIS

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

```
AFramecount afGetFrameCount (AFfilehandle file, int track);
```

```
AFileoffset afGetTrackBytes (AFfilehandle file, int track);
```

```
AFileoffset afGetDataOffset (AFfilehandle file, int track);
```

PARAMETERS

file is an audio file handle created by a previous call to **afOpenFile(3)**.

track is an integer which specifies an audio track within *file*. All supported file formats contain exactly one audio track per file, so the constant AF_DEFAULT_TRACK should always be used.

DESCRIPTION

afGetFrameCount returns the total number of sample frames contained within the specified track of the specified file.

Each sample frame of audio consists of a fixed number of samples (equal to the number of audio channels in the track). For monaural data, a sample frame consists of one audio sample. For stereophonic data, a sample frame consists of a stereo pair.

afGetTrackBytes returns the total number of bytes of raw audio data (i.e., prior to decompression or conversion) in the track.

afGetDataOffset returns the offset in bytes of the start of the audio data contained within the specified track of the specified file.

RETURN VALUE

afGetFrameCount returns the total number of sample frames in *track*.

afGetTrackBytes returns the total number of bytes of audio data in *track*.

afGetDataOffset returns the offset in bytes to the beginning of the audio data in *track*.

Each of these routines returns -1 in case of error.

AUTHOR

Michael Pruett <michael@68k.org>