

NAME

afInitCompression – initialize compression for a track in an audio file setup

SYNOPSIS

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

```
void afInitCompression(AFfilesetup setup, int track, int compression);
```

PARAMETERS

setup is a valid file setup returned by **afNewFileSetup(3)**.

track specifies a track within the audio file setup. track is always AF_DEFAULT_TRACK for all currently supported file formats.

compression is an identifier specifying the compression type (such as AF_COMPRESSION_G711_ULAW) to be used for audio data in the track.

DESCRIPTION

Given an AFfilesetup structure created with **afNewFileSetup(3)** and a track identified by track (AF_DEFAULT_TRACK for all currently supported file formats), afInitCompression initializes the track to the specified compression.

The following compression types are currently supported:

AF_COMPRESSION_NONE

no compression

AF_COMPRESSION_G711_ULAW

CCITT G.711 mu-law encoding

AF_COMPRESSION_G711_ALAW

CCITT G.711 A-law encoding

AF_COMPRESSION_IMA

IMA ADPCM encoding

AF_COMPRESSION_MS_ADPCM

MS ADPCM encoding

AF_COMPRESSION_FLAC

FLAC

AF_COMPRESSION_ALAC

Apple Lossless Audio Codec

ERRORS

afInitCompression can produce the following errors:

AF_BAD_FILESETUP

setup represents an invalid file setup.

AF_BAD_TRACKID

track represents an invalid track identifier.

AF_BAD_COMPTYPE

compression represents an invalid compression type.

SEE ALSO

afNewFileSetup(3), **afInitSampleFormat(3)**

AFINITBYTEORDER(3)

AFINITBYTEORDER(3)

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