PHILIPS

Digital Audio Player (exolAudio)

IADK 2.0

Application Readme, 29-Aug-2003

Overview

Plays different types of streams or uses audio digitizer as input device.

Please use the multichannel output on the triref board and not the stereo output on the back of the pci bracket.

The following streams are supported:

- DTS streams
- AC3 streams

The following streaming chain is used. Depending on the input a different chain is used:

FILE-INPUT: AC3

Fread -> tmAdecAc3 ->   ArendAO
                       ArendSpdif

FILE-INPUT: DTS

Fread -> tmAdecDts ->   ArendAO
                       ArendSpdif

AUDIO-DIGITIZER

Fread -> tmAdecDpl2 -> ArendAO
                       ArendSpdif

Instructions

The application requires as command line argument the name of the ini file. This ini file summarizes the streams and the type of the streams. The ini file should look like:

```
[FILENAME1] [TYPE]
[FILENAME2] [TYPE]
...
[FILENAMEn] [TYPE]
```

TYPE can only be AC3 or DTS.

You can also add comment by starting your comment with ;.

```
;-----------------------------------;
           ;exolaudio.ini                  ;
           ;  Please enter for each file a line. ;
           ;  [name] [type]                ;
           ;     Allowed types are AC3 & DTS    ;
           ;-----------------------------------;

           cave.ac3 AC3
           egypt.ac3 AC3
           nick_cave_192Kbps.ac3 AC3
           locomotive.ac3 AC3
           track38.wav DTS
```

User Options

The only parameter a user must provide is the name of the ini-file.

Expected output

Dependent on the chain, the correct audio should be audible throught the multichannel output.