

Re: AVIStreamRead Fails

Source:

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 - *Date:* Sat, 10 Mar 2007 00:06:09 +0100
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Hi

Looks like you don't provide a buffer to contain the data (parameters 4 and 5)?
lpBuffer should not be NULL in AVIStreamRead I think.

—
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N59.776 E10.457

Kyle Katarn wrote:

```
I've reduced the problem to this small function. It calls these
successfully:
AVIFileInit();
AVIFileOpen( &aviFile, fname, OF_READ | OF_SHARE_DENY_NONE, NULL );
AVIFileGetStream( aviFile, &audioStream, streamtypeAUDIO, 0 );
```

```
Then it calls
AVIStreamRead(audioStream, 0, AVISTREAMREAD_CONVENIENT, NULL, 0, &n,
NULL);
```

and fails with the mysterious AVIERR_ERROR. I can play the video
fine, and other
players will play the video and audio. I'm only having problems
getting the audio
data. I hope someone knows why AVIStreamRead() is failing.

```
/*
*****
tries to read the audio data from a .avi file
*****
*/
```

```
void OpenAVI2(char *fname) {
    unsigned char *buf;
```

Re: AVIStreamRead Fails

```
long n;
int status;

memset(&audioInfo, 0, sizeof(AVISTREAMINFO) );
aviFile = 0;

AVIFileInit();

status = AVIFileOpen( &aviFile, fname, OF_READ | OF_SHARE_DENY_NONE,
NULL );
assert(status==0);

status = AVIFileInfo(aviFile, &fi, sizeof(AVIFILEINFO));
assert(status==0);

status = AVIFileGetStream( aviFile, &audioStream, streamtypeAUDIO,
0 ); assert(status==0);

status = AVIStreamInfo( audioStream, &audioInfo,
sizeof(AVISTREAMINFO) ); assert(status==0);

audioStreamStart = AVIStreamStart(audioStream); // 0
audioStreamEnd = AVIStreamEnd(audioStream); // 226062

status = AVIStreamReadFormat(audioStream, audioStreamStart, NULL,
&n); // n = 30
assert(status==0);

achunk = new BYTE[n];

status = AVIStreamReadFormat(audioStream, audioStreamStart, achunk,
&n); assert(status==0);

audioFormat = (LPWAVEFORMAT)achunk;
AVIStreamFormatSize(audioStream, 0, &n); // returns n = 30

status = AVIStreamRead(audioStream, 0, AVISTREAMREAD_CONVENIENT,
NULL, 0, &n, NULL);
switch(status) {
case 0: // ok
bp = 0;
break;
case AVIERR_BUFFERTOOSMALL:
bp = 1;
break;
case AVIERR_MEMORY:
bp = 2;
break;
case AVIERR_FILEREAD:
bp = 3;
break;
```

