Subject: Disable library functions
Posted by koldo on Wed, 25 Aug 2010 13:15:24 GMT
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Hello all

I get errors linking avcodec.lib (ffmpeg) into a GUI application.

z.lib(inflate.obj) : error LNK2005: _inflateReset already defined in avcodec.lib(avcodec-52.dll)
...

It seems the reason is that zlib is included in Core and also in avcodec.lib.

It is the same with MSC and with MinGW.

Do you know if it is possible to disable functions in a linked library, or at least to hold those functions usable only inside that library?

Subject: Re: Disable library functions
Posted by koldo on Wed, 25 Aug 2010 15:49:32 GMT
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Hello all

Now it works...

To avoid duplicating zlib, I have removed avcodec from library list, so I have had to include it as a dll, linking it to the program inserting the functions in a .dli file .

I will see if it works in Linux.

Subject: Re: Disable library functions
Posted by koldo on Sat, 04 Sep 2010 21:34:33 GMT
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Hello all

As it was hard to maintain avcodec.dli because the avcodec.dll has lots of functions, I have used some "ugly" linker options that work:

- MSC: /FORCE:MULTIPLE
- GCC/MinGW: -Wl,--allow-multiple-definition

With these options the linker uses the zlib functions included in plugin/z package, instead of the functions in avcodec.dll.