

The ".dll" file extension for MEX-files is no longer supported in the latest versions of MATLAB (ex: R2008b). So we recompile the DSDP5.8 executable with MATLAB version 7.7 (R2008b) under 32-bit Microsoft Windows XP.

Two compilations of the dsdp.mexw32 are provided.

1. The first version was compiled using Microsoft Visual Studio 2008 and was linked to MATLABROOT\extern\lib\win32\microsoft\libmwblas.lib and MATLABROOT\extern\lib\win32\microsoft\libmwlapack.lib. This compilation is usually faster, and is the default in the matlab subdirectory.

On some computers to make sure that the programs run successfully you may need to set an environmental variable KMP\_DUPLICATE\_LIB\_OK to TRUE on your computer either by command "setenv('KMP\_DUPLICATE\_LIB\_OK', 'TRUE');" or by selecting

- Start->Control Panel
- System
- Advanced
- Environmental Variable

If the environmental variable is not set, the Matlab session may close.

2. The second version was compiled using the free LCC compiler and linked to a MATLABROOT\extern\lib\win32\lcc\libmwblas.lib and MATLABROOT\extern\lib\win32\lcc\libmwlapack.lib.