Tools for Building ADMB with a 32-bit Compiler Jon Schnute, Chris Grandin, and Rowan Haigh December, 2013

We use files from the MinGW Project for 32-bit Windows, obtained from the site: http://sourceforge.net/projects/mingw/files/MSYS/Base/msys-core/.

Download and run the file $\underline{\text{mingw-get-setup.exe}}$. This produces the "MinGW Installation Manager". Select "Basic Setup" and then select the following three packages:

mingzw32-base, mingw32-gcc-g++, msys-base.

(Right-click, select <Mark for Installation>, then from the menu <Installation>, <Apply Changes>.) By default, this puts all software in the directory C:\mingw.

ADMBtools32-01 (version 1 for 32-bit Windows) uses the mingw tree obtained this way, except that the directory mingw\msys\1.0 is eliminated and its contents are promoted to the parent directory mingw\msys.

The 64-bit toolkit for ADMB can also produce a 32-bit library. Eventually, it will replace this older toolkit for 32-bit Windows.