autogen.mk

autogen.mk is a makefile provided to automatically update the GNU autotools

build system. It will run Bakefile, aclocal, and autoconf as appropriate.

The .m4 files required for running aclocal are located in build/aclocal.

When upgrading software that wxWidgets depends on (for example, Bakefile,

cppunit, GTK, SDL, or others) it is advisable to upgrade the .m4 files

located in the build/aclocal directory.

It is particularly important that if you use a newer version of Bakefile

to generate the Makefile.in files that you use the newer bakefile\*.m4.

Because build/autogen.mk is a Makefile it will automatically rerun

aclocal and autoconf as necessary whenever any m4 in build/aclocal is

newer than the generated aclocal.m4.

You can achieve this simply by copying the new bakefile\*.m4 files from

PREFIX/share/aclocal/ into the build/aclocal/ directory and

rerunning make -f build/autogen.mk. Note that you should \_not\_ preserve

source file times (don't use cp -p) or else it's possible your .m4 files

will be older than the generated aclocal.m4).

Example:

cp /usr/share/aclocal/bakefile\*.m4 build/aclocal/

make -f build/autogen.mk

Please don't forget to commit updated .m4 files as well as updated aclocal.m4,

configure, and Makefile.in files to wxWidgets.