Getting Started with ADMB

http://www.admb-project.org/

John Ancheta <jnancheta@gmail.com>
Pelagics Fisheries Reserch Program (PFRP)
Computer Specialist

Definitions

Compiler
- Take the header and source files and produces a binary file (object).
- Links together object files and ADMB libraries into a program.

Supported Compilers

Windows (32bit)
- Visual C++ 2003 (vc7)
- MinGW (gcc-3.4.5)
- Borland (bcc-5.5.1)

Linux (32 and 64 bit)
- gcc-3.4.6

Planned support
- MacOS
- Visual C++ 2005 (vc8) and 2008 (vc9)
- Linux gcc-4.x

Check progress
- [ADMB automated build server](#)

Comparisons

Open Source
- GNU gcc for MinGW and Linux
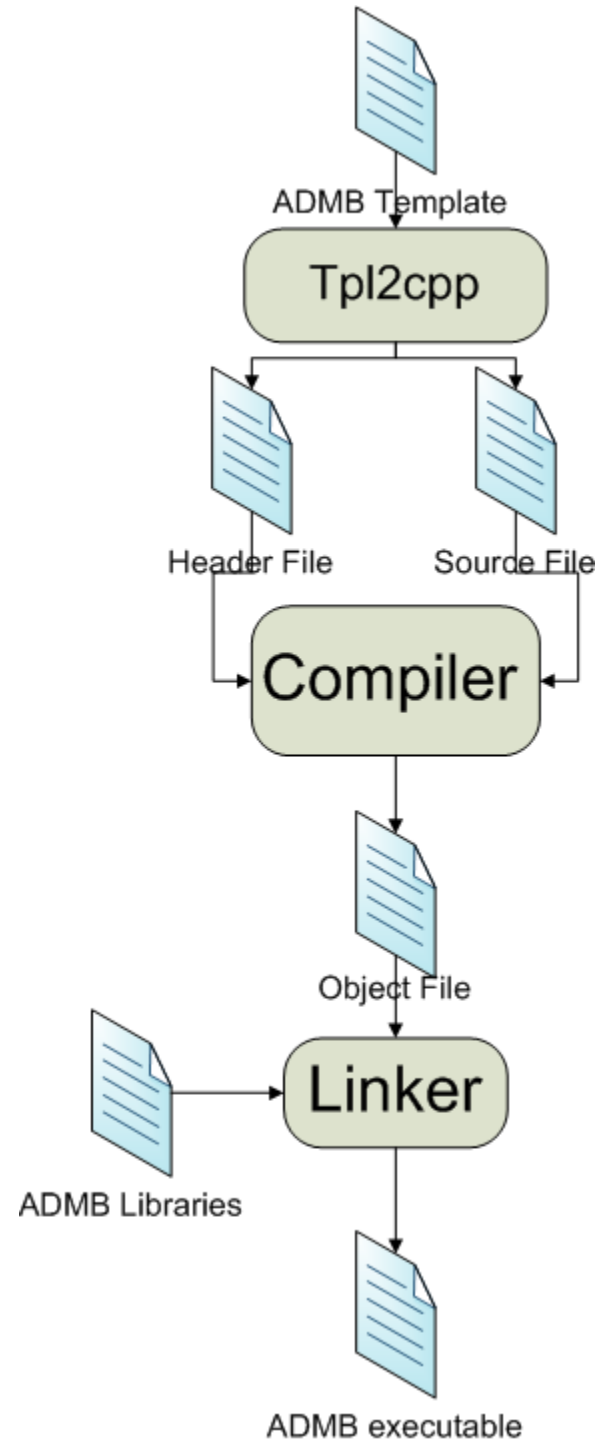
Commercial
- Visual C++ 2003, 2005 and 2008

Free
- Visual C++ Express 2005(vc8) and 2008 (vc9)
- Borland 5.5.1

Benchmarks
- http://admb-project.org/community/benchmarks

Build Process

Automated build process

Build scripts
- Windows batch files
- Linux bash scripts

Make
- Simplifies
- Script commands

Make tools
- Visual C++ (nmake)
- Borland (make)
- Gnu make

Installation

- MinGW