

# Building Stroika

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## Common

Stroika is a C++ class library. For the most part, its built using a thin layer of perl scripts to build configuration, and then invoke platform specific build tools.

This is NOT necessarily well thought out, nor well done. I considered using cmake, or ant as a portable way to organize builds. I still might. But for now – its perl scripts + platform specific mechanisms.

## Required Tools

{this section also needs a rewrite}

### For Windows

- Visual Studio.net 2012
- Cygwin
  - make
  - g++ (to build astyle)
  - perl

### For UNIX

- gcc 4.6 or later
- llvm 3.1 or later (untested successfully but earlier versions have problems)
- perl

### Optional Components

- curl
  - If present, Stroika can be configured to include it and take advantage of it
- Openssl
  - ??? SOON support, but not yet directly done

