

# CrypTool Developer Readme

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## **Build Requirements**

The following is required to build CrypTool:

- **Microsoft Visual Studio (C++)**
  - we currently support **VS2008** and **VS2010**
  - the free Visual C++ 2008 Express Edition will not work as it lacks MFC support
- **Perl**
  - any distribution  $\geq$  Perl 5.00 should work
  - see <http://www.activestate.com/activeperl>

The following is recommended, but not required, to build CrypTool:

- **Subversion**
  - to conveniently access the latest sources
  - see <http://www.sliksvn.com>
- **NSIS Installer**
  - to build a CrypTool setup executable
  - see <http://nsis.sourceforge.net/>

## **Build Instructions**

- **Get the latest CrypTool sources**
  - svn co <https://www.cryptool.org/svn/CrypTool/trunk>
- **Make Perl available**
  - add Perl to the %PATH% variable
- **Fire up your IDE and open the correct solution file**
  - for **VS2008** use: trunk/CrypTool/CrypTool-VS2008.sln
  - for **VS2010** use: trunk/CrypTool/CrypTool-VS2010.sln
- **Build CrypTool**
  - choose a configuration (i.e. Debug\_en), and start the build