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MinGW-w64 - for 32 and 64 bit Windows

A complete runtime environment for gcc

Brought to you by: jon_y, ktietz70, nightstrike

Home

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Labels: **Authors:** Anonymous

This is the MinGW-w64 Wiki.

For users looking for MinGW-w64 downloads, please see the download page on the website.

For users looking for support with a specific issue not detailed on this Wiki:

- IRC channel
- Help Forum
- Mailing List

The MinGW-w64 project provides several convenient packages:

- MSYS (32-bit)
- [Make]
- an autotools package here.
- release version of mingw-w64 sources here

Using mingw-w64/w32

- General
- How to install and use W32 and W64 cross-compilers under Linux
- Project-specific instructions

For users looking for information about MinGW-w64, there are several topics:

- Feature list
- The TODO List
- Compilation instructions for Runtime
- Information about releases of mingw-w64
- howto: Building projects with MinGW-W64
- howto: Creating a cross Win32 and Win64 compiler
- howto: Creating a native Win64 compiler
- howto: Running testsuite on Linux via Wine
- Versions of software required for building
- howto: Creating a buildbot slave
- [FAQ]
- [History]
- Some extra links
- The Mingw-w64 API documentation
- PE-COFF Debugging Infomation
- Testsuite Tracking
- Tools: gendef
- Wine integration

Background Information

To get the most out of the MinGW-w64 toolchain and project, it's important to have a good understanding of both the terminology and background of the different components. This section is meant to be a starting point to becoming more productive with the MinGW-w64 toolchain.

- Understanding the parts that make up MinGW-w64?
- Compiler overview
- Assembler overview
- Linker overview

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- Cross compilation quickstart
- System type and the host/build/target triplets

Contributor Information

- Project Versioning
- Using git for SVN veterans

Related

Wiki2: Building projects with MinGW-W64
Wiki2: Compiling the Runtime
Wiki2: Create a buildbot slave
Wiki2: Cross Win32 and Win64 compiler
Wiki2: CrossQuickstart
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