

Gcc

GCC

Online References

- [GCC, the GNU Compiler Collection](#)
- [GCC online documentation](#) home page.

Predefined Macros

	GCC Predefined Macros		
MACRO	GCC OPTION	VERSION	DESCRIPTION
<code>__GNUC__</code>		all	Defined to the major version of the compiler.
<code>__GNUC_MINOR__</code>		all	Defined to the minor version of the compiler.
<code>__GNUC_PATCHLEVEL__</code>		all	Defined to the micro (patch) version of the compiler.
<code>__GNU__</code>		all	Defined to the same value as <code>__GNUC__</code> in C++ mode.
<code>__CYGWIN__</code>	Cygwin	all	Defined when compiling for the Cygwin environment without -mno-cygwin option.
<code>__MINGW32__</code>	MinGW	all	Defined when compiling for the MinGW environment or when compiling for the Cygwin environment with -mno-cygwin option specified.
<code>__WIN32</code>	MinGW	all	Defined when compiling for the MinGW environment or when compiling for the Cygwin environment with -mno-cygwin option specified.

Discussion Forums

[GCC Mailing Lists](#)

Bug Reports

- [How To Report Bugs](#)
- [Known Bugs](#)
- [GCC Bugzilla](#) for [FSF](#) releases of GCC only.
- [Red Hat Bugzilla](#) for [Red Hat](#) releases of GCC only.
- [Novell Bugzilla](#) for [Novell](#) (formerly [SuSE](#)) releases of GCC only.

Additional Resources

- [New GCC Heavy on Optimization](#) a March 2nd, 2006 [internetnews.com](#) article By Sean Michael Kerner.
- [The Definitive Guide to GCC, Second Edition](#) by William von Hagen.
- [An Introduction to GCC](#) by Brian J. Gough, Richard M. Stallman.
- [Performance Tuning with GCC, Part 1](#), a September 2005 [Red Hat Magazine](#) article by Diego Novillo.
- [Optimization in GCC](#), a January 26th, 2005 [Linux Journal](#) article by M. Tim Jones.
- [GCC Myths and Facts](#), a February 15th, 2003 [Freshmeat](#) editorial by Joao Seabra.

GCC Summit Proceedings

- [Proceedings of the 2008 GCC Developers' Summit](#)
- [Proceedings of the 2007 GCC Developers' Summit](#)
- [Proceedings of the 2006 GCC Developers' Summit](#)
- [Proceedings of the 2005 GCC Developers' Summit](#)