

Evita V600,V800 Babylog VN600, VN800 SW03.00.00

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Table of Contents

agent++ 4.5.3 Apache-2.0	2
Boost 1.71.0 BSL-1.0	2
CppFormat 1.1.0 BSD-2-Clause	2
Das U-Boot u-boot-2022.07 GPL-2.0+	3
GNU Compiler Collection 9.4.0 GPL-3.0+	9
iisy Solvatio expert system 6.3	52
Jamaica VM 6.4-8	52
libexpat 2.6.0 MIT	52
MiniZip 1.01e Zlib	53
OPENSSL 1.1.1o	53
Qt5 5.15.10	55
snmp++ 3.4.9	56
SQ Lite 3.28.0 SQLite Blessing	56
VxWorks SR22.06	57

agent++ 4.5.3 Apache-2.0

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Das U-Boot u-boot-2022.07 GPL-2.0+

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This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers , with sources obtained from:

<ftp://gcc.gnu.org/pub/gcc/releases/> (for full releases)
<svn://gcc.gnu.org/svn/gcc/> (for prereleases)
<ftp://sourceware.org/pub/newlib/> (for newlib)
<git://git.savannah.gnu.org/gm2.git> (for Modula-2)

The current gcc-9 source package is taken from the SVN gcc-9-branch.

Changes: See [changelog.Debian.gz](#)

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language Compiler package Library package Documentation

Ada gnat-9 libgnat-9 gnat-9-doc
BRIG gccbrig-9 libhsail-rt0
C gcc-9 gcc-9-doc
C++ g++-9 libstdc++6 libstdc++6-9-doc
D gcd-9
Fortran 95 gfortran-9 libgfortran3 gfortran-9-doc
Go gccgo-9 libgo0
Objective C gobjc-9 libobjc2
Objective C++ gobjc++-9
Modula-2 gm2-9 libgm2

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language Sources Development Debugging Position-Independent

C++ libstdc++6-9-dbg libstdc++6-9-pic
D libphobos-9-dev

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-9-base Base files common to all compilers
gcc-9-soft-float Software floating point (ARM only)
gcc-9-source The sources with patches

Ada:
[libgnatvsn-dev](#), [libgnatvsn9](#) GNAT version library

C:
cpp-9, cpp-9-doc GNU C Preprocessor
libssp0-dev, libssp0 GCC stack smashing protection library
libquadmath0 Math routines for the __float128 type
fixincludes Fix non-ANSI header files

C, C++ and Fortran 95:
[libgomp1-dev](#), [libgomp1](#) GCC OpenMP (GOMP) support library
[libitm1-dev](#), [libitm1](#) GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
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Developed by:

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Version 3.1, 31 March 2009

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D:

gdc-9 GNU D Compiler
libphobos-9-dev D standard runtime library

The D source package is made up of the following components.

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- d/*

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