# GCC, the GNU Compiler Collection

The GNU Compiler Collection includes front ends for [C](http://gcc.gnu.org/c99status.html), [C++](http://gcc.gnu.org/projects/cxx-status.html), Objective-C, [Fortran](http://gcc.gnu.org/fortran/), Ada, and Go, as well as libraries for these languages (libstdc++,...). GCC was originally written as the compiler for the [GNU operating system](http://www.gnu.org/gnu/thegnuproject.html). The GNU system was developed to be 100% free software, free in the sense that it [respects the user's freedom](http://www.gnu.org/philosophy/free-sw.html).

We strive to provide regular, high quality [releases](http://gcc.gnu.org/releases.html), which we want to work well on a variety of native and cross targets (including GNU/Linux), and encourage everyone to [contribute](http://gcc.gnu.org/contribute.html) changes or help [testing](http://gcc.gnu.org/testing/) GCC. Our sources are readily and freely available via [SVN](http://gcc.gnu.org/svn.html) and weekly [snapshots](http://gcc.gnu.org/snapshots.html).

Major decisions about GCC are made by the [steering committee](http://gcc.gnu.org/steering.html), guided by the [mission statement](http://gcc.gnu.org/gccmission.html).

gcc（GNU编译器套件）

GNU编译器套件（GNU Compiler Collection）包括[C](https://baike.baidu.com/item/C/7252092)、[C++](https://baike.baidu.com/item/C%2B%2B)、[Objective-C](https://baike.baidu.com/item/Objective-C)、[Fortran](https://baike.baidu.com/item/Fortran)、[Java](https://baike.baidu.com/item/Java/85979)、[Ada](https://baike.baidu.com/item/Ada/5606819)和[Go语言](https://baike.baidu.com/item/Go%E8%AF%AD%E8%A8%80)的前端，也包括了这些语言的库（如libstdc++、libgcj等等）。GCC的初衷是为GNU操作系统专门编写的一款编译器。GNU系统是彻底的[自由软件](https://baike.baidu.com/item/%E8%87%AA%E7%94%B1%E8%BD%AF%E4%BB%B6)。此处，“自由”的含义是它尊重用户的自由。[1]

**软件名称**

GNU Compiler Collection

**开发商**

Free Software Foundation (FSF 自由软件基金会)

**软件平台**

类Unix操作系统

**软件版本**

6.3

**更新时间**

2016-12-21

**软件语言**

多国语言

**软件授权**

GNU通用公共许可证（GNU GPL）

**编写语言**

C/C++