

# GNU Compiler Collection

## Category: Compilers

GCC stands for "GNU Compiler Collection". GCC is an integrated distribution of compilers for several major programming languages. These languages currently include C, C++, Objective-C, Objective-C++, Java, Fortran, and Ada.

The GNU C and C++ compiler (**gcc** and **g++**) and Fortran compiler (**gfortran**) through the Linux OS distribution are available on Pleiades and Columbia. The current version installed (under **/usr/bin**) can be found with the command **gcc -v**, for example:

```
% gcc -v
... gcc version 4.3.4 [...] (SUSE Linux)
```

Newer versions of GNU compilers can be requested and installed as modules. Currently, there are gcc/4.4.4, gcc/4.4.5, and gcc/4.7.0 modules, which includes **gcc**, **g++**, and **gfortran**, available on Pleiades.

Read **man gcc** and **man gfortran** for more information.

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