

The GNU C Library (glibc)

What is glibc?

The GNU C Library project provides the core libraries for the GNU system and GNU/Linux systems, as well as many other systems that use Linux as the kernel. These libraries provide critical APIs including ISO C11, POSIX.1-2008, BSD, OS-specific APIs and more. These APIs include such foundational facilities as `open`, `read`, `write`, `malloc`, `printf`, `getaddrinfo`, `dlopen`, `pthread_create`, `crypt`, `login`, `exit` and more.

The GNU C Library is designed to be a backwards compatible, portable, and high performance ISO C library. It aims to follow all relevant standards including ISO C11, POSIX.1-2008, and IEEE 754-2008.

The project was started circa 1988 and is almost 30 years old. You can see the complete project release history on the wiki.

Despite the project's age there is still a lot to do so please [Get Started](#) and [Get Involved](#)! [Current Status](#)

The GNU C Library releases every 6 months. See the NEWS file in the glibc sources for more information.

- The current stable version of glibc is 2.27, released on February 1, 2018.
- The current development version of glibc 2.28, releasing on or around August 1, 2018.

Fonte: <https://www.gnu.org/software/libc/>