

The C++ Utility Library

Ice for C++ includes a number of utility classes and functions in the `IceUtil` namespace, which we summarize here for your reference. Many of the classes and functions in `IceUtil` are documented elsewhere in this manual so, where appropriate, the sections here simply reference the relevant pages.

Topics

- [The C++ AbstractMutex Class](#)
- [The C++ Cache Template](#)
- [The C++ Exception Class](#)
- [The C++ generateUUID Function](#)
- [The C++ Handle Template](#)
- [The C++ Handle Template Adaptors](#)
- [The C++ ScopedArray Template](#)
- [The C++ Shared and SimpleShared Classes](#)
- [The C++ Time Class](#)
- [The C++ Timer and TimerTask Classes](#)
- [Unicode and UTF-8 Conversion Functions in C++](#)
- [Version Information in C++](#)