

“...one of the most highly regarded and expertly designed C++ library projects
in the world.”
— Herb Sutter and Andrei Alexandrescu, C++ Coding Standards

WELCOME TO BOOST.ORG!

Boost provides free peer-reviewed portable C++ source libraries.

We emphasize libraries that work well with the C++ Standard Library. Boost libraries are intended to be widely useful, and usable across a broad spectrum of applications. The [Boost license](#) encourages both commercial and non-commercial use.

We aim to establish "existing practice" and provide reference implementations so that Boost libraries are suitable for eventual standardization. Ten Boost libraries are already included in the [C++ Standards Committee's](#) Library Technical Report (TR1) and will be in the new C++0x Standard now being finalized. C++0x will also include several more Boost libraries in addition to those from TR1. More Boost libraries are proposed for [TR2](#).

GETTING STARTED

Boost works on almost any modern operating system, including UNIX and Windows variants. Follow the [Getting Started Guide](#) to download and install Boost. Popular Linux and Unix distributions such as [Fedora](#), [Debian](#), and [NetBSD](#) include pre-built Boost packages. Boost may also already be available on your organization's internal web server.

BACKGROUND

Read on with the [introductory material](#) to help you understand what Boost is about and to help in educating your organization about Boost.

COMMUNITY

Boost welcomes and thrives on participation from a variety of individuals and organizations. Many avenues for participation are available in the [Boost Community](#).

DOWNLOADS

- [Version 1.47.0 \(release notes\)](#)
July 11th, 2011 18:19 GMT

[More Downloads...](#) ([RSS](#))

NEWS

- [Version 1.47.0](#)
New Libraries: Chrono, Geometry, Phoenix
and Ratio. Updated Libraries: Accumulators,



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Asio, Config, DateTime, Dynamic Bitset, Foreach, Function, Function Types, Graph, Iostreams, Iterator, Lexical Cast, Logic, Math, Meta State Machine, MultiIndex, Proto, Random, Range, Spirit, Tokenizer, Utility, Uuid, Wave

July 11th, 2011 18:19 GMT

- [Version 1.46.1](#)

Bug fixes: Asio, Fusion, Graph, Icl, Math, Polygon, Proto, Property Tree, Signals2, TR1, Unordered.

March 12th, 2011 15:45 GMT

- [Version 1.46.0](#)

New Libraries: Icl. Updated Libraries: Array, Asio, Bind, Concept Check, Filesystem, Fusion, Hash, Iostreams, Iterator, Math, Meta State Machine, Optional, Pool, Program Options, Proto, Signals, Spirit, Tokenizer, Unordered, Wave. Updated Tools: Boostbook, Inspect, Quickbook.

February 21st, 2011 20:36 GMT

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