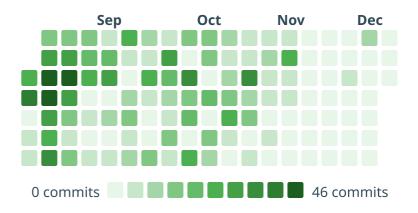


X 🗙 🛛 🗇 🗘

112,111 commits up through 1.87.0
594,851 lines added, 170,296 lines removed
2,358 new commits in all library repositories
108 commit contributors, 40 new
372 issues opened, 374 closed
958 posts to the developer's mailing list
98 unique mailing list users, 16 new

Platform	File
👌 Unix	boost_1_87_0.tar.bz2
	boost_1_87_0.tar.gz
🕊 Windows	boost_1_87_0.7z
	boost_1_87_0.zip





From the Fiscal Sponsorship Committee

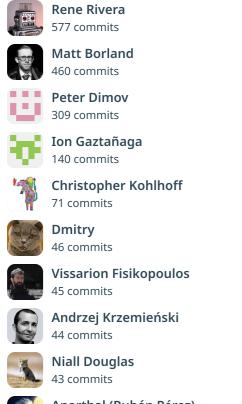
This release starts an exciting new chapter for the Boost C++ Library collection. The Fiscal Sponsorship Committee, formed from long-time Boost contributors, exists to manage the project's shared assets including the boost.org domain and social media accounts which help us get our message out there. This release report, created by the C++ Alliance, showcases the ongoing efforts of the community of developers continuing to maintain the excellence of the libraries.

Ion Gaztañaga, Joaquín M López Muñoz, René Ferdinand Rivera Morell



2,358 Commits Across 152 Repositories

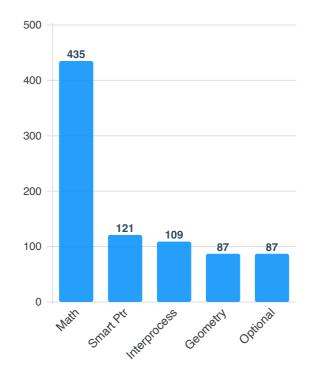
Top Contributors





Anarthal (Rubén Pérez) 43 commits

Most Committed Libraries



🕗 Boost

Top Contributors



Vinnie Falco 142 posts



Glen Fernandes 59 posts



Peter Dimov 58 posts

1		
	-	
2		
12	1	57
	1	Ζ.

Andrzej Krzemieński 58 posts



Andrey Semashev 49 posts



Rene Rivera 36 posts



Robert Ramey 32 posts



Christian Mazakas 28 posts



Ion Gaztañaga 27 posts



Dmitry Arkhipov 22 posts

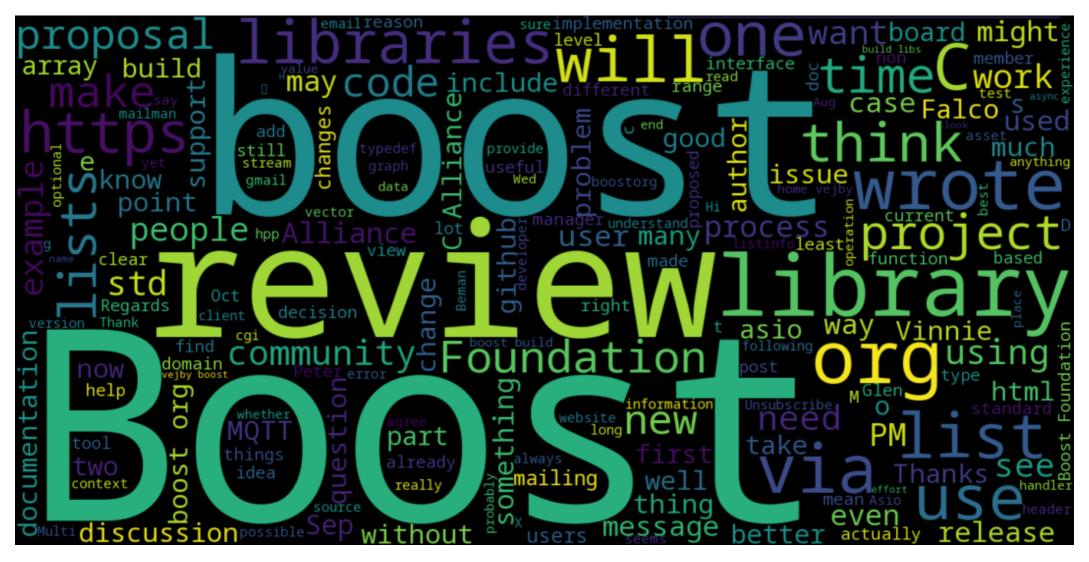
Mailing List

There were 958 mailing list posts in version 1.87.0

There were 98 posters in this version. (16 New)

Boost

Mailing List Word Cloud



Top Contributors in #boost



Vinnie Falco 1307 messages



Peter Dimov 1202 messages



Dmitry Arkhipov 543 messages



Christian Mazakas 529 messages



René Ferdinand Rivera ... 439 messages



Arnaud Becheler 307 messages



Rubén Pérez Hidalgo 221 messages



Joaquín M López Muñoz 157 messages



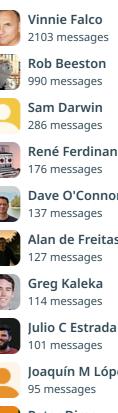
Matt Borland 155 messages



Klemens Morgenstern 132 messages

6,363 slack messages in #boost 75 people conversing in this release. (18 New)

Top Contributors in #boost-website



Rob Beeston



Sam Darwin



René Ferdinand Rivera ... 176 messages

Dave O'Connor



Alan de Freitas



114 messages



101 messages



Joaquín M López Muñoz 95 messages



4,387 slack messages in #boost-website 23 people conversing in this release. (9 New)

Top Contributors in #boost-http



Vinnie Falco 1416 messages



Mohammad Nejati 319 messages



Peter Dimov 220 messages



Rubén Pérez Hidalgo 142 messages



Christian Mazakas 127 messages

Klemens Morgenstern 95 messages



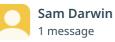
Kyle Thompson 22 messages



Giver 8 messages



Ali Asadpoor 6 messages



2,356 slack messages in #boost-http 10 people conversing in this release. (3 New)

Top Contributors in #boost-asio



Vinnie Falco 412 messages



Klemens Morgenstern 265 messages



Rubén Pérez Hidalgo 171 messages



João Távora 45 messages



Peter Dimov 38 messages



Marcelo Zimbres Silva 37 messages



Christian Mazakas 17 messages



Mohammad Nejati 15 messages



Ivan Yanakiev 15 messages



Kyle Thompson 14 messages

1,073 slack messages in #boost-asio 20 people conversing in this release. (10 New)

Top Contributors in #boost-json



Dmitry Arkhipov 189 messages



Peter Dimov 117 messages



Seth Bromberger 91 messages



Vinnie Falco 45 messages



Giver 37 messages



Darrell Wright 21 messages



Alan de Freitas 11 messages



RoyBellingan 7 messages



René Ferdinand Rivera ... 1 message



Alfredo Correa 1 message

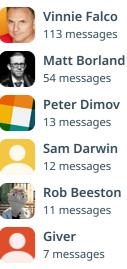
523 slack messages in #boost-json 13 people conversing in this release. (3 New)

Top Contributors in #boost-url



512 slack messages in #boost-url 10 people conversing in this release. (2 New)

Top Contributors in #boost-charconv

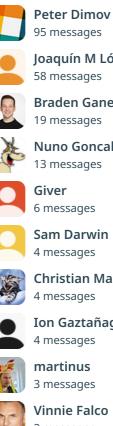




Dmitry Arkhipov 5 messages

215 slack messages in #boost-charconv 7 people conversing in this release. (3 New)

Top Contributors in #boost-unordered



Joaquín M López Muñoz

Braden Ganetsky

Nuno Goncalves

Christian Mazakas 4 messages



Ion Gaztañaga

3 messages



Vinnie Falco

208 slack messages in #boost-unordered 10 people conversing in this release. (0 New)

Top Contributors in #boost-docs



Vinnie Falco 54 messages



Rob Beeston 23 messages



Alan de Freitas 20 messages



Sam Darwin 17 messages



Peter Turcan 13 messages



René Ferdinand Rivera ... 12 messages



Rubén Pérez Hidalgo 9 messages



Klemens Morgenstern 1 message

149 slack messages in #boost-docs8 people conversing in this release. (0 New)

Top Contributors in #boost-process



Cristian Morales Vega 15 messages



Klemens Morgenstern 12 messages

27 slack messages in #boost-process2 people conversing in this release. (1 New)



Top Contributors in #boost-multi



Mikhail Kandel 7 messages



Alfredo Correa 5 messages



Marc Viala 1 message

13 slack messages in #boost-multi

3 people conversing in this release. (1 New)

Top Contributors in #boost-decimal



Alfredo Correa 1 message



Matt Borland 1 message

2 slack messages in #boost-decimal2 people conversing in this release. (1 New)

Top Contributors in #boost-asiobook



typenameTea 1 message

1 slack message in #boost-asiobook

1 person conversing in this release. (1 New)

Library Index

Accumulators	Conversion	GraphParallel	Move	Program Options
Algorithm	Convert	Hana	Mp11	Property Map
Align	Core	Неар	MPI	Property Map (Parallel)
Any	Coroutine	Histogram	MPL	Property Tree
Array	Coroutine2	HOF	Multi-Array	Proto
Asio	CRC	ICL	Multi-Index	Python
Assert	Date Time	Integer	Multiprecision	QVM
Assign	Describe	Interprocess	MySQL	Random
Atomic	Detail	Interval	Nowide	Range
Beast	DLL	Intrusive	Numeric Conversion	Ratio
Bimap	Dynamic Bitset	IO	Odeint	Rational
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CallableTraits	Exception	Iterator	Outcome	Regex
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Chrono	Filesystem	Lambda	Parameter Python Bindings	Scope
Circular Buffer	Flyweight	Lambda2	Parser	Scope Exit
Cobalt	Foreach	LEAF	PFR	Serialization
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Concept Check	Functional	Local Function	PolyCollection	Sort
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Stl_interfaces

ThrowException

Type Erasure Type Index Typeof Type Traits uBLAS Units Unordered

URL Utility Uuid Variant Variant2 VMD Wave WinAPI

System

Test Thread

Timer Tokenizer Tribool TTI Tuple Xpressive

YAP



Matt Borland 396 commits



tk-yoshimura 19 commits



John Maddock 13 commits



1 commit



Rene Rivera 1 commit



NickelWenzel 1 commit



Reimar Döffinger 1 commit



dschmitz89 1 commit



Alexander Grund 1 commit



Lucas Colley 1 commit

Math

Boost.Math includes several contributions in the domain of mathematics: Floating Point Utilities, Specific Width Floating Point Types, Mathematical Constants, Statistical Distributions, Special Functions, Root Finding and Function Minimization, Polynomials and Rational Functions, Interpolation, and Numerical Integration and Differentiation. Many of these features are templated to support both built-in, and extended width types (e.g. Boost.Multiprecision)

There were 435 commits in release 1.87.0 144,328 lines added, 7,330 lines removed There were 6 new contributors this release! There were 16 issues opened. There were 10 issues closed.



Peter Dimov 103 commits



Rene Rivera 18 commits

Smart Ptr

Smart pointer class templates.

There were 121 commits in release 1.87.0 1,423 lines added, 3,999 lines removed There were 0 issues opened. There were 0 issues closed.



Ion Gaztañaga 82 commits



Rene Rivera 23 commits



Braden Ganetsky 3 commits



Egor Mikhaylov 1 commit

Interprocess

Shared memory, memory mapped files, process-shared mutexes, condition variables, containers and allocators.

There were 109 commits in release 1.87.0 3,872 lines added, 3,500 lines removed There was 1 new contributor this release! There were 12 issues opened. There were 18 issues closed.



Vissarion Fisikopoulos 45 commits



Barend Gehrels 21 commits



Rene Rivera 16 commits



Adam Wulkiewicz 4 commits



Andrey Semashev 1 commit

Geometry

The Boost.Geometry library provides geometric algorithms, primitives and spatial index.

There were 87 commits in release 1.87.0

5,274 lines added, 8,218 lines removed

There were 14 issues opened. There were 34 issues closed.



Andrzej Krzemieński 44 commits



Rene Rivera 13 commits



Peter Dimov 9 commits



Alexander Grund 9 commits



Ryan Malcolm Underwo... 5 commits



typenameTea 3 commits



Andrey Semashev 3 commits



Tosiekdev 1 commit

Optional

A value-semantic, type-safe wrapper for representing 'optional' (or 'nullable') objects of a given type. An optional object may or may not contain a value of the underlying type.

There were 87 commits in release 1.87.0 1,854 lines added, 21,375 lines removed There were 2 new contributors this release! There were 6 issues opened. There were 4 issues closed.



Rene Rivera 28 commits



Braden Ganetsky 19 commits



joaquintides 11 commits



Braden Ganetsky 10 commits

Peter Dimov 5 commits

sdarwin 1 commit



Dmitry 1 commit

Unordered

Unordered associative containers.

There were 75 commits in release 1.87.0 11,706 lines added, 611 lines removed There was 1 new contributor this release! There were 9 issues opened. There were 11 issues closed.



Christopher Kohlhoff 71 commits

Rene Rivera

Asio

Portable networking and other low-level I/O, including sockets, timers, hostname resolution, socket iostreams, serial ports, file descriptors and Windows HANDLEs.

There were 72 commits in release 1.87.0 5,716 lines added, 10,791 lines removed There were 2 issues opened. There were 0 issues closed.



Ion Gaztañaga 37 commits

Rene Rivera





Andrey Semashev 1 commit

Container

Standard library containers and extensions.

There were 64 commits in release 1.87.0 986 lines added, 510 lines removed There were 7 issues opened. There were 16 issues closed.



Rene Rivera 31 commits



25 commits



Braden Ganetsky 3 commits

Uuid

A universally unique identifier.

There were 59 commits in release 1.87.0 313 lines added, 56 lines removed There were 2 new contributors this release! There were 5 issues opened. There were 3 issues closed.



Matt Borland 50 commits



Rene Rivera 1 commit



Ivan A. Melnikov 1 commit



Georg Gast 1 commit

Martin Vejbora 1 commit

CharConv

An implementation of <charconv> in C++11.

There were 54 commits in release 1.87.0 535 lines added, 52 lines removed There were 4 new contributors this release! There were 3 issues opened. There were 2 issues closed.



Dmitry 43 commits



Mikhail Khachayants 2 commits



Dmitry Arkhipov 1 commit



Rene Rivera 1 commit



Vinnie Falco 1 commit



1 commit



ISON JSON parsing, serialization, and DOM in C++11 There were 50 commits in release 1.87.0 4,374 lines added, 1,743 lines removed There were 4 new contributors this release! There were 15 issues opened. There were 24 issues closed.



Niall Douglas 43 commits

Jenkins nedprod CI 3 commits

Outcome

A deterministic failure handling library partially simulating lightweight exceptions.

There were 46 commits in release 1.87.0 2,494 lines added, 1,039 lines removed There were 0 issues opened. There were 0 issues closed.



Alan de Freitas 41 commits



Rene Rivera 1 commit



BrianWeed 1 commit

URL

URL parsing in C++11

There were 43 commits in release 1.87.0 7,041 lines added, 71,192 lines removed There were 2 new contributors this release! There were 15 issues opened. There were 14 issues closed.



Anarthal (Rubén Pérez) 40 commits

Rene Rivera 1 commit

MySQL

MySQL client library built on top of Boost.Asio.

There were 41 commits in release 1.87.0 26,067 lines added, 20,039 lines removed There was 1 new contributor this release! There were 27 issues opened. There were 36 issues closed.

1.87.0

Top Contributors



Tim Blechmann 25 commits



Rene Rivera 10 commits



sdarwin 2 commits



slowriot 1 commit



Guus Waals 1 commit



Eike Verdenhalven 1 commit

Lockfree

Lockfree data structures.

There were 40 commits in release 1.87.0 3,815 lines added, 2,962 lines removed There were 4 new contributors this release! There was 1 issue opened. There was 1 issue closed.



Emil Dotchevski 39 commits

LEAF

A lightweight error handling library for C++11. There were 39 commits in release 1.87.0 2,986 lines added, 4,369 lines removed There were 2 issues opened. There were 2 issues closed.



Oliver Kowalke 14 commits



Rene Rivera 13 commits



Claudio Jeker 2 commits



Reimar Döffinger 2 commits



Nikita Kniazev 2 commits

Andrii Batyiev 1 commit



Arnaud Le Blanc 1 commit



1 commit Liryna

commit

Context

(C++11) Context switching library.

There were 37 commits in release 1.87.0 674 lines added, 142 lines removed There were 5 new contributors this release! There was 1 issue opened. There was 1 issue closed.

1.87.0

Top Contributors



Klemens 24 commits



Samuel Venable 5 commits



Rene Rivera 1 commit







Julien Schueller 1 commit



Benjamin Buch 1 commit

Process

Library to create processes in a portable way.

There were 33 commits in release 1.87.0 1,032 lines added, 731 lines removed There were 3 new contributors this release! There were 22 issues opened. There were 8 issues closed.



Peter Dimov 17 commits



Rene Rivera 11 commits



tarun-t 2 commits



Dmitry 1 commit

Iostreams

Boost.IOStreams provides a framework for defining streams, stream buffers and i/o filters.

There were 31 commits in release 1.87.0 340,444 lines added, 133 lines removed There were 2 new contributors this release! There were 4 issues opened. There were 0 issues closed.



Mohammad Nejati 24 commits



Rene Rivera 1 commit



Saleh Hatefinya 1 commit



Alexey Romko 1 commit

Beast

Portable HTTP, WebSocket, and network operations using only C++11 and Boost.Asio

There were 27 commits in release 1.87.0 1,548 lines added, 589 lines removed There were 2 new contributors this release! There were 31 issues opened. There were 34 issues closed.



Jakob van Santen 10 commits

Rene Rivera 9 commits



Stefan Seefeld 2 commits



Konstantin Podsvirov 1 commit



Daniel Laügt 1 commit



Vitaly Buka 1 commit



Alexis DUBURCQ 1 commit

Peter Dimov





Billy K. Poon 1 commit

Python

The Boost Python Library is a framework for interfacing Python and C++. It allows you to quickly and seamlessly expose C++ classes functions and objects to Python, and vice-versa, using no special tools -- just your C++ compiler.

There were 27 commits in release 1.87.0 383 lines added, 137 lines removed There were 6 new contributors this release! There were 9 issues opened. There were 7 issues closed.



Ion Gaztañaga 14 commits



Rene Rivera 12 commits



Julien Schueller

Move

Portable move semantics for C++03 and C++11 compilers.

There were 27 commits in release 1.87.0 138 lines added, 58 lines removed There was 1 new contributor this release! There were 2 issues opened. There were 3 issues closed.



Rene Rivera 20 commits



Intrusive

Intrusive containers and algorithms.

There were 26 commits in release 1.87.0 141 lines added, 21 lines removed There was 1 issue opened. There were 0 issues closed.



Rene Rivera 21 commits

Peter Dimov 4 commits

Core

A collection of simple core utilities with minimal dependencies.

There were 25 commits in release 1.87.037 lines added, 10 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 11 commits



joaquintides 10 commits



Peter Dimov 3 commits

Flyweight

Design pattern to manage large quantities of highly redundant objects.

There were 24 commits in release 1.87.0 1,575 lines added, 492 lines removed There was 1 new contributor this release! There was 1 issue opened. There was 1 issue closed.



Rene Rivera 12 commits

Peter Dimov 11 commits

Function

Function object wrappers for deferred calls or callbacks.

There were 23 commits in release 1.87.0 106 lines added, 50 lines removed There was 1 issue opened. There was 1 issue closed.



Marcelo Zimbres 21 commits

Rene Rivera 2 commits

Redis

Redis async client library built on top of Boost.Asio.

There were 23 commits in release 1.87.0 323 lines added, 312 lines removed There was 1 new contributor this release! There were 10 issues opened. There were 8 issues closed.



Peter Dimov 13 commits



Rene Rivera 9 commits



Quentin Chateau 1 commit

Describe

A C++14 reflection library.

There were 23 commits in release 1.87.0 171 lines added, 49 lines removed There were 2 new contributors this release! There were 0 issues opened. There were 0 issues closed.



Rene Rivera

Peter Dimov 10 commits

Chrono

Useful time utilities. C++11.

There were 23 commits in release 1.87.0 523 lines added, 31 lines removed There were 0 issues opened. There was 1 issue closed.

1.87.0

Top Contributors



Rene Rivera 13 commits

Peter Dimov8 commits

CRC

The Boost CRC Library provides two implementations of CRC (cyclic redundancy code) computation objects and two implementations of CRC computation functions. The implementations are template-based.

There were 21 commits in release 1.87.0 127 lines added, 26 lines removed There were 0 issues opened. There were 0 issues closed.



Rene Rivera 13 commits

Peter Dimov 7 commits



Anarthal (Rubén Pérez) 1 commit

Compat

C++11 implementations of standard components added in later C++ standards.

There were 21 commits in release 1.87.0 349 lines added, 15 lines removed There were 2 new contributors this release! There were 0 issues opened. There were 0 issues closed.



Rene Rivera 12 commits



Peter Dimov 5 commits



Edward Diener 1 commit



joaquintides 1 commit



Ignacy Gawędzki 1 commit

Bimap

Bidirectional maps library for C++. With Boost.Bimap you can create associative containers in which both types can be used as key.

There were 20 commits in release 1.87.0 111 lines added, 33 lines removed There was 1 new contributor this release! There was 1 issue opened. There was 1 issue closed.



10 commits



Rene Rivera 8 commits



1 commit



joaquintides

Chris Ward 1 commit

Mp11

A C++11 metaprogramming library.

There were 20 commits in release 1.87.0 485 lines added, 48 lines removed There were 3 new contributors this release! There were 2 issues opened. There were 2 issues closed.



Rene Rivera 14 commits







System

Extensible error reporting.

There were 20 commits in release 1.87.0 55 lines added, 33 lines removed There were 2 new contributors this release! There were 4 issues opened. There was 1 issue closed.



Rene Rivera 12 commits

Peter Dimov 7 commits

Container Hash

An STL-compatible hash function object that can be extended to hash user defined types.

There were 19 commits in release 1.87.0 102 lines added, 34 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Kyle Lutz 6 commits



Anthony C 6 commits



Peter Dimov 4 commits



Jakub Szuppe 2 commits



mmitti 1 commit

Compute

Parallel/GPU-computing library

There were 19 commits in release 1.87.0 433 lines added, 20 lines removed There was 1 new contributor this release! There was 1 issue opened. There were 0 issues closed.



Rene Rivera 12 commits

Peter Dimov 5 commits



Frank Mori Hess

Signals2

Managed signals & slots callback implementation (thread-safe version 2).

There were 18 commits in release 1.87.0 756 lines added, 500 lines removed There was 1 issue opened. There were 0 issues closed.



Rene Rivera 11 commits

Peter Dimov 7 commits

Variant2

A never-valueless, strong guarantee implementation of std::variant.

There were 18 commits in release 1.87.0 69 lines added, 33 lines removed There was 1 new contributor this release! There were 2 issues opened. There was 1 issue closed.



Rene Rivera 9 commits



Oliver Kowalke 5 commits



2 commits



xiaodaxia 1 commit



jakob lovhall 1 commit

Fiber

(C++11) Userland threads library.

There were 18 commits in release 1.87.0 81 lines added, 25 lines removed There were 3 new contributors this release! There were 3 issues opened. There were 4 issues closed.



Rene Rivera 11 commits



Alain Miniussi 5 commits



1 commit



LXYan2333 1 commit

MPI

Message Passing Interface library, for use in distributed-memory parallel application programming.

There were 18 commits in release 1.87.0 145 lines added, 102 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Tim Blechmann 10 commits



Rene Rivera 8 commits

Heap

Priority queue data structures.

There were 18 commits in release 1.87.0 5,105 lines added, 4,053 lines removed There were 2 issues opened. There were 3 issues closed.



Antony Polukhin 10 commits



Rene Rivera 1 commit



Julien Schueller 1 commit

Mats Taraldsvik1 commit



huangqinjin 1 commit



Dmitry 1 commit



Jaroslaw Pelczar 1 commit



Stacktrace

Gather, store, copy and print backtraces.

There were 17 commits in release 1.87.0 150 lines added, 32 lines removed There were 6 new contributors this release! There were 9 issues opened. There were 17 issues closed.



Peter Dimov 10 commits



Rene Rivera 7 commits

Function Types

Boost.FunctionTypes provides functionality to classify, decompose and synthesize function, function pointer, function reference and pointer to member types.

There were 17 commits in release 1.87.0 943 lines added, 106 lines removed There were 0 issues opened. There were 0 issues closed.



Andrey Semashev 11 commits

Alexander Grund 5 commits



Rene Rivera 1 commit

Filesystem

The Boost Filesystem Library provides portable facilities to query and manipulate paths, files, and directories.

There were 17 commits in release 1.87.0467 lines added, 195 lines removedThere were 7 issues opened. There were 6 issues closed.



12 commits

Rene Rivera

Peter Dimov 4 commits

Endian

Types and conversion functions for correct byte ordering and more regardless of processor endianness.

There were 16 commits in release 1.87.0 74 lines added, 21 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Rene Rivera

Peter Dimov6 commits

Assert

Customizable assert macros.

There were 16 commits in release 1.87.066 lines added, 10 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera

Peter Dimov 3 commits

Timer

Event timer, progress timer, and progress display classes.

There were 16 commits in release 1.87.061 lines added, 23 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 12 commits

Peter Dimov 4 commits

Ratio

Compile time rational arithmetic. C++11.

There were 16 commits in release 1.87.060 lines added, 20 lines removedThere were 0 issues opened. There was 1 issue closed.



7 commits

Oliver Kowalke 4 commits



Lunar-YZ 4 commits



Antony Polukhin commit

Coroutine2

(C++11) Coroutine library.

There were 16 commits in release 1.87.0 40 lines added, 15 lines removed There were 2 new contributors this release! There was 1 issue opened. There was 1 issue closed.



Rene Rivera 9 commits



Zach Laine 6 commits



Edward Nolan 1 commit

Stl_interfaces

C++14 and later CRTP templates for defining iterators, views, and containers.

There were 16 commits in release 1.87.042 lines added, 24 lines removedThere were 2 new contributors this release!There were 4 issues opened. There were 5 issues closed.



Rene Rivera 10 commits

Christophe Henry 5 commits

Meta State Machine

A very high-performance library for expressive UML2 finite state machines.

There were 15 commits in release 1.87.0 234 lines added, 34 lines removed There was 1 new contributor this release! There were 3 issues opened. There were 3 issues closed.



11 commits



Rene Rivera 1 commit



klemens-morgenstern 1 commit



Vincent Palancher commit

Cobalt

Coroutines. Basic Algorithms & Types

There were 14 commits in release 1.87.0 540 lines added, 99 lines removed There were 3 new contributors this release! There were 14 issues opened. There were 9 issues closed.



joaquintides 8 commits



Rene Rivera

6 commits

PolyCollection

Fast containers of polymorphic objects.

There were 14 commits in release 1.87.0 959 lines added, 23 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Antony Polukhin 9 commits



Anarthal (Rubén Pérez) 2 commits



1 commit

Rene Rivera



1 commit

Zachary Wassall 1 commit

PFR

Basic reflection for user defined types.

There were 14 commits in release 1.87.0 8,328 lines added, 158 lines removed There were 3 new contributors this release! There were 7 issues opened. There were 5 issues closed.



Rene Rivera 8 commits

Peter Dimov5 commits

ThrowException

A common infrastructure for throwing exceptions from Boost libraries.

There were 13 commits in release 1.87.062 lines added, 9 lines removedThere was 1 new contributor this release!There were 0 issues opened. There were 0 issues closed.



Rene Rivera 8 commits

Oliver Kowalke



Michael Karcher 1 commit



P

Mohammad Bahoosh 1 commit

Coroutine

Coroutine library.

There were 13 commits in release 1.87.0 53 lines added, 28 lines removed There were 2 new contributors this release! There was 1 issue opened. There were 2 issues closed.



Rene Rivera 8 commits

Peter Dimov 4 commits

Lambda2

A C++14 lambda library.

There were 12 commits in release 1.87.0 55 lines added, 19 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.

1.87.0

Top Contributors



Rene Rivera 9 commits

Peter Dimov 3 commits

Bind

boost::bind is a generalization of the standard functions std::bind1st and std::bind2nd. It supports arbitrary function objects, functions, function pointers, and member function pointers, and is able to bind any argument to a specific value or route input arguments into arbitrary positions.

There were 12 commits in release 1.87.031 lines added, 3 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 7 commits

Peter Dimov 2 commits



Joel de Guzman 1 commit

Tuple

Ease definition of functions returning multiple values, and more.

There were 10 commits in release 1.87.0 59 lines added, 13 lines removed There were 0 issues opened. There were 0 issues closed.



Matt Borland 7 commits



Nuno Nobre 1 commit



John Maddock 1 commit

Multiprecision

Extended precision arithmetic types for floating point, integer, and rational arithmetic.

There were 9 commits in release 1.87.0 190 lines added, 324 lines removed There was 1 new contributor this release! There were 3 issues opened. There were 3 issues closed.

Jeff Trull



4 commits **Rene Rivera**



1 commit



1 commit



1 commit

Peter Dimov



jwnhy

njnobles



There were 8 commits in release 1.87.0

Wave

370 lines added, 87 lines removed

easy to use iterator interface.

There were 2 new contributors this release!

There were 7 issues opened. There were 4 issues closed.

The Boost.Wave library is a Standards conformant, and highly configurable

implementation of the mandated C99/C++ preprocessor functionality packed behind an



Andrey Semashev 5 commits



Rene Rivera 1 commit



Iterator

The Boost Iterator Library contains two parts. The first is a system of concepts which extend the C++ standard iterator requirements. The second is a framework of components for building iterators based on these extended concepts and includes several useful iterator adaptors.

There were 7 commits in release 1.87.061 lines added, 29 lines removedThere was 1 new contributor this release!There were 3 issues opened. There were 3 issues closed.



Andrey Semashev 5 commits

Rene Rivera



Alexander Grund 1 commit

Atomic

C++11-style atomic types.

There were 7 commits in release 1.87.0 198 lines added, 88 lines removed There were 2 issues opened. There were 2 issues closed.



Andrey Semashev 6 commits

Log

Logging library.

There were 6 commits in release 1.87.0 441 lines added, 405 lines removed There were 4 issues opened. There were 5 issues closed.



Matt Borland 4 commits

Wataru Matsumoto 1 commit

jspam 1 commit

Test

Support for simple program testing, full unit testing, and for program execution monitoring.

There were 6 commits in release 1.87.0 25 lines added, 19 lines removed There were 2 new contributors this release! There were 2 issues opened. There were 3 issues closed.



joaquintides 4 commits



Rene Rivera 1 commit



Multi-Index

The Boost Multi-index Containers Library provides a class template named multi_index_container which enables the construction of containers maintaining one or more indices with different sorting and access semantics.

There were 6 commits in release 1.87.0 878 lines added, 621 lines removed There was 1 issue opened. There was 1 issue closed.



Andrey Semashev 5 commits

Rene Rivera

Integer

The organization of boost integer headers and classes is designed to take advantage of <stdint.h> types from the 1999 C standard without resorting to undefined behavior in terms of the 1998 C++ standard. The header <boost/cstdint.hpp> makes the standard integer types safely available in namespace boost without placing any names in namespace std.

There were 6 commits in release 1.87.0 54 lines added, 44 lines removed There was 1 issue opened. There was 1 issue closed.



Andrey Semashev 3 commits

Rene Rivera



Alexander Grund

WinAPI

Windows API abstraction layer.

There were 5 commits in release 1.87.0 46 lines added, 4 lines removed There was 1 new contributor this release! There were 0 issues opened. There was 1 issue closed.

Peter Dimov 4 commits

Array

STL compliant container wrapper for arrays of constant size.

There were 4 commits in release 1.87.055 lines added, 22 lines removedThere were 0 issues opened. There were 0 issues closed.



Emil Dotchevski 3 commits

QVM

Generic C++ library for working with Quaternions Vectors and Matrices.

There were 3 commits in release 1.87.0 337 lines added, 556 lines removed There were 2 issues opened. There were 3 issues closed.



Rene Rivera 1 commit



Matt Borland 1 commit



Young Geun Kim 1 commit

Random

A complete system for random number generation.

There were 3 commits in release 1.87.0 199 lines added, 147 lines removed There was 1 new contributor this release! There was 1 issue opened. There was 1 issue closed.



Glen Fernandes 2 commits

Marshall Clow 1 commit

Config

Helps Boost library developers adapt to compiler idiosyncrasies; not intended for library users.

There were 3 commits in release 1.87.0 2 lines added, 2 lines removed There was 1 issue opened. There were 0 issues closed.



Matt Borland 2 commits



Rene Rivera

Odeint

Solving ordinary differential equations.

There were 3 commits in release 1.87.0 82 lines added, 70 lines removed There was 1 new contributor this release! There was 1 issue opened. There were 0 issues closed.

1.87.0

Top Contributors



Statechart

Boost.Statechart - Arbitrarily complex finite state machines can be implemented in easily readable and maintainable C++ code.

There were 2 commits in release 1.87.0 3 lines added, 2 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Antony Polukhin 1 commit



Rene Rivera 1 commit

Lexical Cast

General literal text conversions, such as an int represented a string, or vice-versa.

There were 2 commits in release 1.87.067 lines added, 47 lines removedThere were 0 issues opened. There were 0 issues closed.



Xpressive

Regular expressions that can be written as strings or as expression templates, and which can refer to each other and themselves recursively with the power of context-free grammars.

There were 2 commits in release 1.87.0 4 lines added, 4 lines removed There were 0 issues opened. There were 0 issues closed.



Rene Rivera



Andrey Semashev 1 commit

Parameter

Boost.Parameter Library - Write functions that accept arguments by name.

There were 2 commits in release 1.87.036 lines added, 7 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Andrey Semashev 1 commit

Scope

A collection of scope guards and a unique_resource wrapper.

There were 2 commits in release 1.87.0 66 lines added, 9 lines removed There was 1 new contributor this release! There were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Conversion

Polymorphic casts.

There was 1 commit in release 1.87.030 lines added, 2 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Any

Safe, generic container for single values of different value types.

There was 1 commit in release 1.87.0 38 lines added, 7 lines removed There were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Variant

Safe, generic, stack-based discriminated union container.

There was 1 commit in release 1.87.046 lines added, 8 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Type Index

Runtime/Compile time copyable type info.

There was 1 commit in release 1.87.044 lines added, 15 lines removedThere were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

Detail

This library contains a set of header only utilities used internally by Boost C++ Libraries to facilitate their implementation.

There was 1 commit in release 1.87.0 36 lines added, 4 lines removed There were 0 issues opened. There were 0 issues closed.

1.87.0

Top Contributors



Rene Rivera 1 commit

Hana

A modern C++ metaprogramming library. It provides high level algorithms to manipulate heterogeneous sequences, allows writing type-level computations with a natural syntax, provides tools to introspect user-defined types and much more.

There was 1 commit in release 1.87.0 30 lines added, 2 lines removed There were 0 issues opened. There were 0 issues closed.



Rene Rivera 1 commit

DLL

Library for comfortable work with DLL and DSO.

There was 1 commit in release 1.87.0 44 lines added, 3 lines removed There were 3 issues opened. There was 1 issue closed.