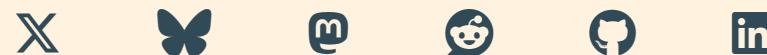


Boost 1.90.0



Dec. 10, 2025

117,279 commits up through 1.90.0

198,954 lines added, **138,479** lines removed

1,717 new commits in all library repositories

107 commit contributors, **39** new

352 issues opened, **284** closed

924 posts to the developer's mailing list

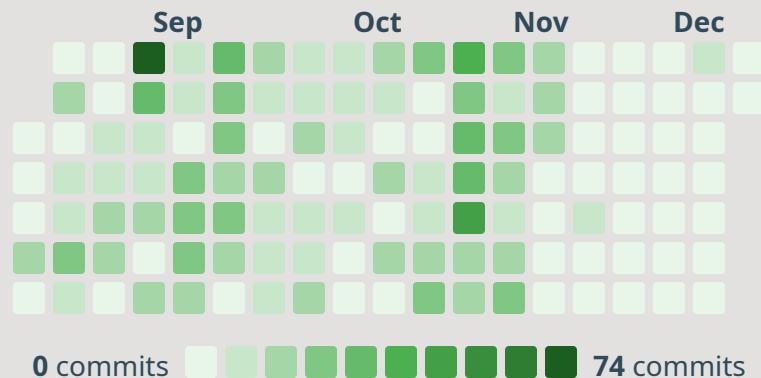
101 unique mailing list users, **27** new

1 library added

Download Now!	
	boost_1_90_0.tar.gz
	boost_1_90_0.tar.bz2
	boost_1_90_0.7z
	boost_1_90_0.zip
	boost_1_90_0-msvc-14.3-32.exe
	boost_1_90_0-msvc-14.3-64.exe
	boost_1_90_0-msvc-14.2-32.exe
	boost_1_90_0-msvc-14.2-64.exe
	boost_1_90_0-bin-msvc-all-32-64.7z
	boost_1_90_0-msvc-14.1-64.exe
	boost_1_90_0-msvc-14.1-32.exe



Commits from August '25 to December '25



From the Fiscal Sponsorship Committee

We have a new library in Boost 1.90 (OpenMethod) and updates to 30+ more. Some classic libraries like Container and DynamicBitset have undergone some serious modernization and, in general, there are plenty of fixes and new functionalities large and small. Please take a moment to peruse this report and tell us which changes you're most excited about, or what aspects of the project evolution, and of the report itself, you'd like to see improved. The new year begins with a new library ready to be launched next quarter, lots of ideas in the making, and a sincere hope that Boost will continue to help C++ programmers be more productive and have fun at their job. We count on your help to make all this happen.



Ion Gaztanaga



Joaquín M López
Muñoz



René Ferdinand
Rivera Morell

Git activity for this release

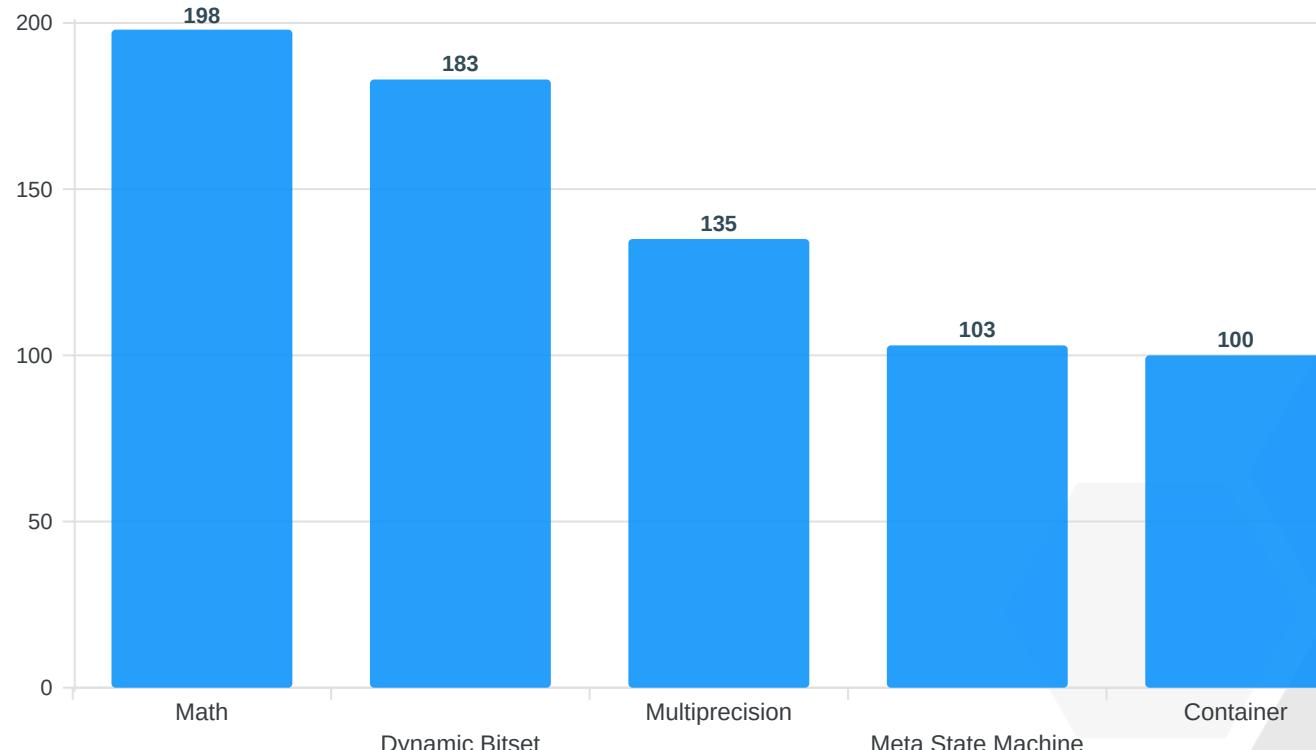
1,717 Commits Across 156 Repositories

39 First-time Contributors

Top Contributors

	Gennaro Prota
	187 commits
	Peter Dimov
	185 commits
	Christopher Kormanyos
	160 commits
	Ion Gaztañaga
	126 commits
	Alexander Grund
	125 commits
	Matt Borland
	111 commits
	Christian Granzin
	86 commits
	Maksym Zhelyeznyakov
	83 commits
	Nana Sakisaka
	75 commits
	ivanpanch
	59 commits

Most Committed Libraries



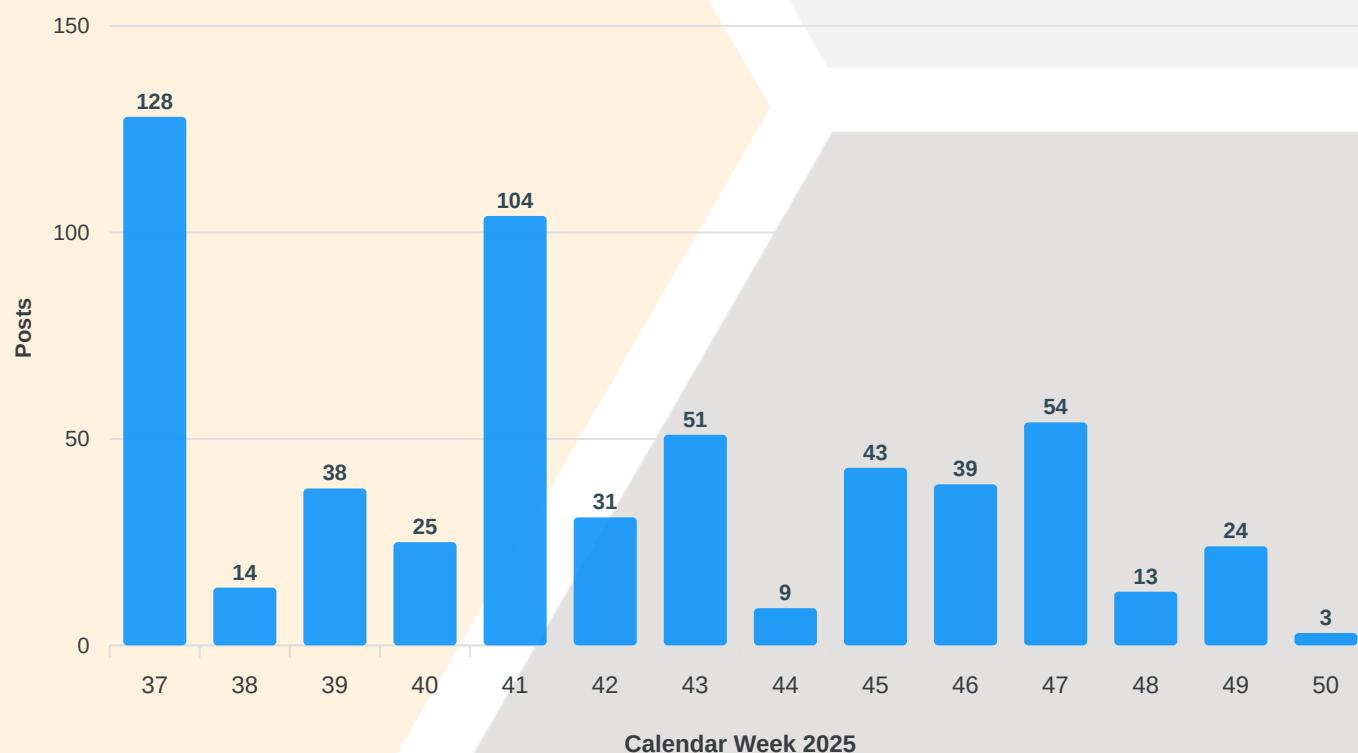
Mailing List

Top Contributors

	Vinnie Falco 92 posts
	Andrey Semashev 78 posts
	Peter Dimov 71 posts
	Matt Borland 51 posts
	Marshall Clow 39 posts
	Andrzej Krzemieński 35 posts
	Ion Gaztañaga 35 posts
	Christian Mazakas 28 posts
	Klemens Morgenstern 27 posts
	Mohammad Nejati 26 posts

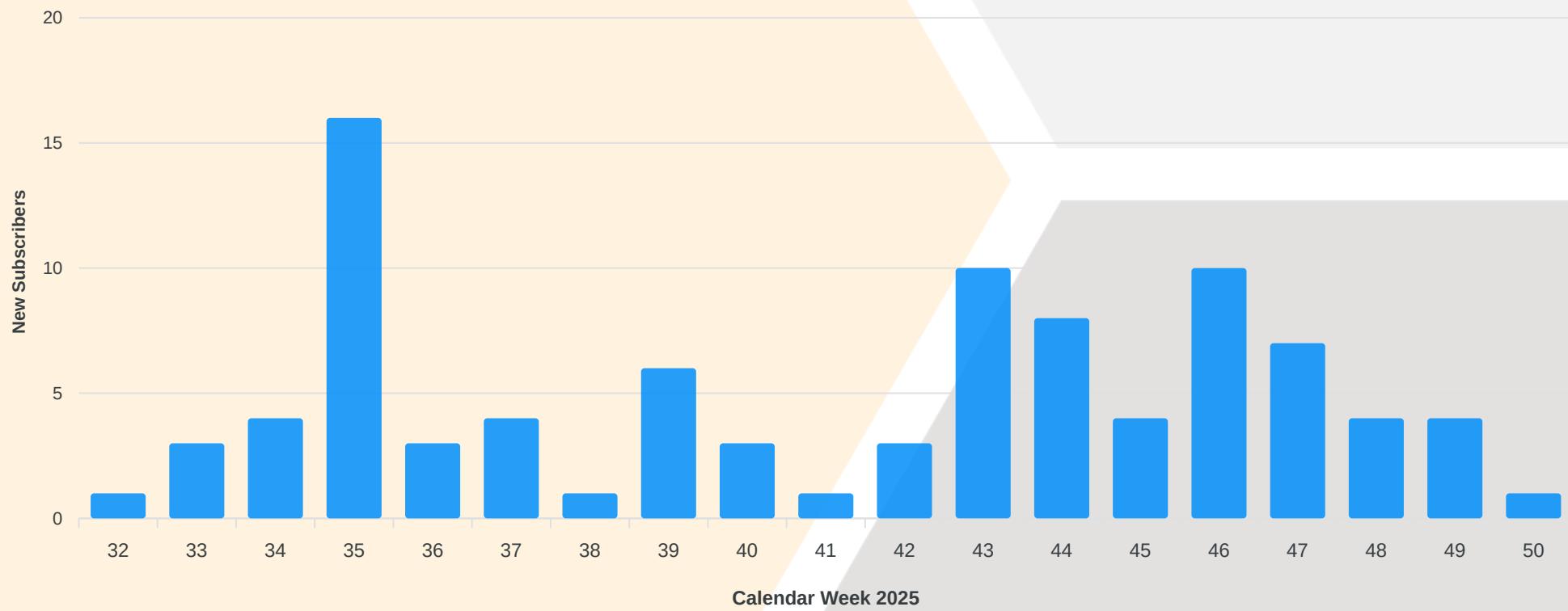
There were **924** mailing list posts in version 1.90.0 and **101** posters in this version. (**27** New)

Weekly mailing list posts from Aug. 6, 2025 to Dec. 10, 2025 on the Boost Developers mailing list.



Mailing List New Subscribers

Mailing list new subscribers from from Aug. 6, 2025 to Dec. 10, 2025 on the Boost Developers mailing list.



Mailing List Top 200 Most Frequently Used Words

list	statement	core	much	compile	take	author
wrote	new	first	doc	find	always	pull
via	string	chris	source	link	exception	thu
library	see	know	cmake	possible	pr	oct
org	now	better	still	commit	include	system
use	function	want	bit	spirit	go	reference
std	work	build	open	config	prota	part
sqlite	way	problem	might	actually	things	christian
type	users	standard	header	archived	file	anything
one	sep	matt	text	thank	marshall	option
review	support	best	design	semashev	current	bug
think	mailing	issue	leave	return	reason	tue
github	boostorg	instead	seems	thing	long	try
release	version	api	yes	const	branch	either
libraries	used	email	result	feature	behavior	
documentation	even	error	size	based	sure	
code	message	already	non	klemens	everyone	
time	resultset	hpp	provide	unsubscribe	libs	
using	connection	different	master	fork	around	
asio	case	without	probably	right	macro	
will	people	changes	andrey	well	wrapper	
need	archives	hi	format	following	available	
string_view	make	transaction	many	add	beta	
example	issues	class	interface	json	iterator	
lists	implementation	may	auto	develop	sqlite3	
pm	change	container	project	gmail	good	
user	peter	maybe	name	docs	static_assert	
value	thanks	something	operator	done	conversion	
vinnie	point	regards	end	useful	object	
test	two	html	send	idea	execute	
decimal	aug	please	mailman3	template	avoid	

Mailing List Word Cloud



Slack Channels

#boost

boost library discussions

#boost-asiobook

Discussion about the "Boost Asio Book," a detailed tutorial and reference for writing concurrent network programs using Boost.Asio:
<https://github.com/cppalliance/asio-book> Maintainers: [@klemens-morgenstern](#) [@exbigboss](#) [@fpelliccioni](#)

#boost-charconv

#boost-docs

Talk about Boost documentation development

#boost-gsoc

Boost Google Summer of Code

#boost-asio

#boost-beast2

Related Repositories: <https://github.com/cppalliance/capy>
<https://github.com/cppalliance/buffers>

#boost-decimal

IEEE 754 Decimal Floating Point in C++14

#boost-gil

Boost GIL (Boost Generic Image Library)

#boost-json

Discussion of Boost.JSON

#boost-multi

Usage and development of the "Multi library", a C++ library to handle multidimensional arrays containers; to be proposed for Boost. current code: <https://github.com/correaa/boost-multi> follow development here: <https://gitlab.com/correaa/boost-multi>

#boost-process

#boost-unordered

Boost.Unordered <https://github.com/boostorg/unordered>
https://pdimov.github.io/articles/unordered_dev_plan.html

#boost-website

Channel dedicated to all things related to the development and enhancement of the Boost website. Share updates, ask questions, and collaborate on best practices for web design and development here. Let's build something amazing together!

#boost-packaging

Chatting about how Boost is packaged and how to improve the packaging story for Boost.

#boost-requests

#boost-url

Boost.URL (not official) <https://github.com/CppAlliance/url>

#boost-zlib

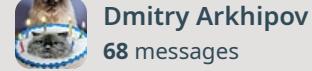
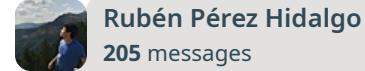
Discussion for development of Boost.ZLib

#boost-beast2

12,271 slack messages in #boost-beast2

24 people were active for this release. (21 New)

Top Contributors

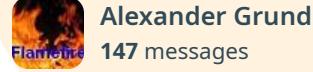
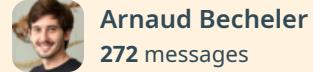
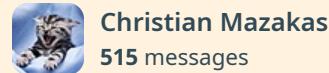


#boost

5,843 slack messages in #boost

69 people were active for this release. (54 New)

Top Contributors



#boost-website

1,683 slack messages in #boost-website

22 people were active for this release. (17 New)

Top Contributors

	Vinnie Falco 499 messages
	Sam Darwin 316 messages
	Rob Beeston 270 messages
	Dave O'Connor 185 messages
	Joaquín M López Muñoz 111 messages
	Kari Skinner 69 messages
	Greg Kaleka 62 messages
	René Ferdinand Rivera ... 37 messages
	Peter Dimov 37 messages
	Dmitry Arkhipov 20 messages

#boost-asio

1,365 slack messages in #boost-asio

26 people were active for this release. (20 New)

Top Contributors

	Vinnie Falco 436 messages
	Rubén Pérez Hidalgo 272 messages
	Klemens Morgenstern 225 messages
	Mohammad Nejati 84 messages
	Jarrod Smith 63 messages
	Peter Dimov 39 messages
	Christian Mazakas 35 messages
	Amlal El Mahrouss 34 messages
	Zackori C 32 messages
	Alexander Kremer 31 messages

#boost-json

503 slack messages in #boost-json

13 people were active for this release. (10 New)

Top Contributors

 **Dmitry Arkhipov**
165 messages

 **Peter Dimov**
118 messages

 **Vinnie Falco**
108 messages

 **Emil Dotchevski**
67 messages

 **Sam Darwin**
22 messages

 **Mohammad Nejati**
7 messages

 **Klemens Morgenstern**
6 messages

 **Alan de Freitas**
3 messages

 **james droog**
2 messages

 **Nerixyz**
2 messages

#boost-url

478 slack messages in #boost-url

7 people were active for this release. (5 New)

Top Contributors

 **Vinnie Falco**
212 messages

 **Alan de Freitas**
178 messages

 **Mohammad Nejati**
29 messages

 **Peter Dimov**
28 messages

 **John Ericson**
26 messages

 **Amlal El Mahrouss**
4 messages

 **Julio C Estrada**
1 message

#boost-unordered

180 slack messages in #boost-unordered

10 people were active for this release. (**10** New)

Top Contributors

	Joaquín M López Muñoz	
	50 messages	
	Peter Dimov	
	45 messages	
	Pavel Odintsov	
	28 messages	
	Ion Gaztañaga	
	19 messages	
	Christian Mazakas	
	16 messages	
	Vinnie Falco	
	14 messages	
	Andrea Cedraro	
	3 messages	
	Mark Cooper	
	2 messages	
	Giver	
	2 messages	
	Alan de Freitas	
	1 message	

#boost-charconv

67 slack messages in #boost-charconv

5 people were active for this release. (**5** New)

Top Contributors

	Dmitry Arkhipov	
	26 messages	
	Matt Borland	
	20 messages	
	Peter Dimov	
	11 messages	
	Vinnie Falco	
	9 messages	
	Sam Darwin	
	1 message	

#boost-multi

43 slack messages in #boost-multi

3 people were active for this release. (3 New)

Top Contributors



Alfredo Correa
23 messages



Vinnie Falco
13 messages



Matt Borland
7 messages

#boost-decimal

17 slack messages in #boost-decimal

2 people were active for this release. (2 New)

Top Contributors



Matt Borland
9 messages



Ray Manaloto
8 messages

#boost-process

5 slack messages in #boost-process

2 people were active for this release. (2 New)

Top Contributors



Klemens Morgenstern

3 messages



zk

2 messages

#boost-gil

4 slack messages in #boost-gil

1 person were active for this release. (1 New)

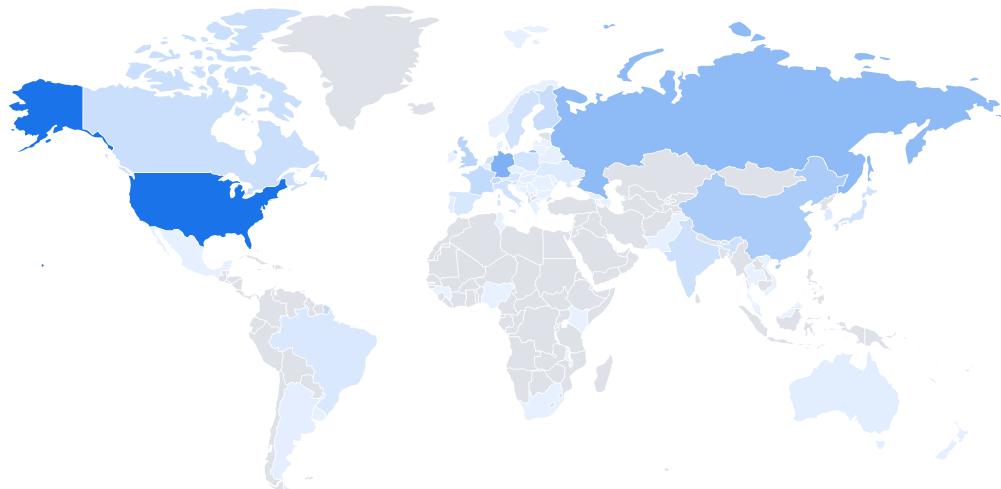
Top Contributors



Samuel Debionne

4 messages

Website Searches



1428 website searches.

Top 5 countries:

United States of America: **291** searches

Germany: 150 searches

Russia: **127** searches

China: 87 searches

United Kingdom: **67** searches



Updated Libraries

★ OpenMethod

Any
Asio
Assert
Atomic
Beast
Bloom
CharConv
Cobalt
Compat
Config
Container
Container Hash
Context
Conversion
Core
CRC
Describe
DLL
Dynamic Bitset
Filesystem
Flyweight
Geometry
GIL
Heap
Histogram

Integer
Interprocess
Intrusive
Iterator
JSON
Lambda2
LEAF
Lexical Cast
Locale
Lockfree
Log
Math
Meta State Machine
Move
Mp11
MPI
MPL
MQTT5
Multi-Index
Multiprecision
MySQL
Nowide
Outcome
Parameter
Parser
PFR

Pointer Container
PolyCollection
Process
Program Options
Python
Random
Redis
Scope
Signals2
Smart Ptr
Sort
Spirit
Stacktrace
Static String
Stl_interfaces
System
Test
ThrowException
Type Index
Unordered
URL
Utility
Uuid
Variant
Variant2
WinAPI

Other Libraries

Accumulators	Fusion	Property Tree	YAP
Algorithm	Graph	Proto	
Align	GraphParallel	QVM	
Array	Hana	Range	
Assign	Hash2	Ratio	
Bimap	HOF	Rational	
Bind	ICL	Regex	
CallableTraits	Interval	Safe Numerics	
Chrono	IO	Scope Exit	
Circular Buffer	Iostreams	Serialization	
Compute	Lambda	Statechart	
Concept Check	Local Function	Static Assert	
Contract	Metaparse	Thread	
Convert	Multi-Array	Timer	
Coroutine	Numeric Conversion	Tokenizer	
Coroutine2	Odeint	Tribool	
Date Time	Optional	TTI	
Detail	Parameter Python Bindings	Tuple	
Endian	Phoenix	Type Erasure	
Exception	Polygon	Typeof	
Fiber	Pool	Type Traits	
Foreach	Predef	uBLAS	
Format	Preprocessor	Units	
Function	Property Map	VMD	
Functional	Property Map (Parallel)	Wave	
Function Types		Xpressive	

New Libraries



OpenMethod

Open-methods are free-standing functions that work like virtual functions: they select the best overrider from a set, depending on the dynamic type of their arguments. This makes it possible to add polymorphic operations to existing classes, without modifying them. They make patterns like Visitor unnecessary.

<https://github.com/boostorg/openmethod>

Contributors:



Jean-Louis Leroy

Boost.Any

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

There was **1** commit in release 1.90.0

84 lines added, **10** lines removed

There were **3** issues opened and were **0** issues closed

Top Contributors



Antony Polukhin
1 commit

Boost.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 **45** commits in release 1.90.0

13,071 lines added, **530** lines removed

There were **2** issues opened and was **1** issue closed

Top Contributors



Christopher Kohlhoff
45 commits

Boost.Assert

Customizable assert macros.

There were **13** commits in release 1.90.0

35 lines added, **24** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
13 commits

Boost.Atomic

C++11-style atomic types.

There were **6** commits in release 1.90.0

4 lines added, **14** lines removed

There was **1** issue opened and was **1** issue closed

Top Contributors



Andrey Semashev
4 commits



Alexander Grund
2 commits

Boost.Beast

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

There were **18** commits in release 1.90.0

2,595 lines added, **60,438** lines removed

There were **2** new contributors for this release!

There were **21** issues opened and were **15** issues closed

There were **0** dependencies added and **2** dependencies removed

Top Contributors



Mohammad Nejati
16 commits



dvtate
1 commit



biljazovic
1 commit

Boost.Bloom

Bloom filters.

There were **6** commits in release 1.90.0

3,467 lines added, **715** lines removed

There were **4** new contributors for this release!

There were **0** issues opened and was **1** issue closed

Top Contributors



Joaquin M. López Muñoz
3 commits



sdarwin
1 commit



Peter Dimov
1 commit



ivanpanch
1 commit

Boost.CharConv

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

There were **15** commits in release 1.90.0

157 lines added, **33** lines removed

There were **2** issues opened and were **2** issues closed

Top Contributors



Matt Borland
15 commits

Boost.Cobalt

Coroutines. Basic Algorithms & Types

There were **11** commits in release 1.90.0

159 lines added, **73** lines removed

There were **3** new contributors for this release!

There were **7** issues opened and were **4** issues closed

Top Contributors



Klemens Morgenstern
7 commits



Andrey Semashev
2 commits



Alexander Grund
1 commit



zs
1 commit

Boost.Compat

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

There were **20** commits in release 1.90.0

527 lines added, **221** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
18 commits



braden
2 commits

Boost.Config

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

There were **13** commits in release 1.90.0

21 lines added, **126** lines removed

There was **1** new contributor for this release!

There were **2** issues opened and were **0** issues closed

Top Contributors



Anarthal (Rubén Pérez)
9 commits



Peter Dimov
2 commits



John Maddock
1 commit



Marshall Clow
1 commit

Boost.Container

Standard library containers and extensions.

There were **100** commits in release 1.90.0

3,105 lines added, **1,503** lines removed

There were **5** new contributors for this release!

There were **8** issues opened and were **17** issues closed

Top Contributors



Ion Gaztañaga
89 commits



Nigel Stewart
6 commits



m4xG4
2 commits



Alexander Grund
1 commit



zjyhjqs
1 commit



Juan Carlos Arevalo Bae...
1 commit

Boost.ContainerHash

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

There were **3** commits in release 1.90.0

22 lines added, **12** lines removed

There was **1** issue opened and was **1** issue closed

Top Contributors



Peter Dimov
3 commits

Boost.Context

(C++11) Context switching library.

There were **16** commits in release 1.90.0

131 lines added, **8** lines removed

There were **6** new contributors for this release!

There were **3** issues opened and were **3** issues closed

Top Contributors



Oliver Kowalke
7 commits



Vasanth Karanam
2 commits



Erik Bråthen Solem
2 commits



Zayd Rajab
1 commit



Carlo Bramini
1 commit



newyork_loki
1 commit



Peter Dimov
1 commit



crueter
1 commit

Boost.Conversion

Polymorphic casts.

There was **1** commit in release 1.90.0

58 lines added, **10** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Antony Polukhin
1 commit



Boost.Core

A collection of simple core utilities with minimal dependencies.

There were **28** commits in release 1.90.0

378 lines added, **89** lines removed

There was **1** new contributor for this release!

There were **5** issues opened and were **3** issues closed

There were **0** dependencies added and **1** dependency removed

Top Contributors



Peter Dimov
18 commits



Andrey Semashev
5 commits



Gennaro Prota
2 commits



Alexander Grund
1 commit



Glen Fernandes
1 commit



Mohammad Nejati
1 commit

Boost.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 **4** commits in release 1.90.0

62 lines added, **51** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
2 commits



ivanpanch
2 commits

Boost.Describe

A C++14 reflection library.

There were **8** commits in release 1.90.0

86 lines added, **29** lines removed

There was **1** new contributor for this release!

There were **2** issues opened and were **2** issues closed

Top Contributors



Peter Dimov
7 commits



sigbjorn
1 commit

Boost.Dll

Library for comfortable work with DLL and DSO.

There were **3** commits in release 1.90.0

54 lines added, **26** lines removed

There were **4** issues opened and were **4** issues closed

Top Contributors



Antony Polukhin
2 commits



Yury Bura
1 commit

Boost.DynamicBitset

The `dynamic_bitset` template represents a set of bits. It provides access to the value of individual bits via `operator[]` and provides all of the bitwise operators that one can apply to builtin integers, such as `operator&` and `operator<<`. The number of bits in the set can change at runtime.

There were **183** commits in release 1.90.0

10,904 lines added, **8,370** lines removed

There were **5** new contributors for this release!

There were **0** issues opened and were **3** issues closed

There were **0** dependencies added and **3** dependencies removed

Top Contributors



Gennaro Prota
173 commits



Joaquin M. López Muñoz
3 commits



Alan de Freitas
2 commits



ivanpanch
2 commits



James E. King III
1 commit



Sébastien Loriot
1 commit



greg7mdp
1 commit

Boost.Filesystem

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

There were **8** commits in release 1.90.0

21 lines added, **4** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and were **2** issues closed

Top Contributors



Andrey Semashev
5 commits



Alexander Grund
2 commits



Dong Wang
1 commit

Boost.Flyweight

Design pattern to manage large quantities of highly redundant objects.

There were **2** commits in release 1.90.0

170 lines added, **34** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Alexander Grund
1 commit



Joaquin M. López Muñoz
1 commit

Boost.Geometry

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

There were **20** commits in release 1.90.0

9,225 lines added, **8,599** lines removed

There were **3** new contributors for this release!

There were **7** issues opened and were **2** issues closed

Top Contributors



Vissarion Fisikopoulos
9 commits



Barend Gehrels
3 commits



Tinko Bartels
3 commits



ivanpanch
1 commit



Rene Rivera
1 commit



Harsha Totakura
1 commit



Jeremy W. Murphy
1 commit



Alexander Grund
1 commit

Boost.Gil

(C++14) Generic Image Library

There were **24** commits in release 1.90.0

149 lines added, **149** lines removed

There were **2** new contributors for this release!

There were **8** issues opened and were **2** issues closed

Top Contributors



ivanpanch
19 commits



Dirk Stolle
2 commits



Samuel Debione
2 commits



AnonymousPC
1 commit

Boost.Heap

Priority queue data structures.

There were **4** commits in release 1.90.0

21 lines added, **26** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and was **1** issue closed

Top Contributors



Tim Blechmann
3 commits



Alexander Grund
1 commit

Boost.Histogram

Fast multi-dimensional histogram with convenient interface for C++14

There were **2** commits in release 1.90.0

79 lines added, **6** lines removed

There were **2** issues opened and was **1** issue closed

Top Contributors



Hans Dembinski
1 commit



Andrey Semashev
1 commit

Boost.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 **3** commits in release 1.90.0

2 lines added, **23** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and was **1** issue closed

Top Contributors



Andrey Semashev
2 commits



Alexander Grund
1 commit

Boost.Interprocess

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

There were **28** commits in release 1.90.0

279 lines added, **549** lines removed

There were **3** new contributors for this release!

There were **3** issues opened and were **4** issues closed

Top Contributors



Ion Gaztañaga
23 commits



wmamrak
2 commits



Anthony Eden
1 commit



Peter Dimov
1 commit



Miguel Company
1 commit

Boost.Intrusive

Intrusive containers and algorithms.

There were **7** commits in release 1.90.0

14 lines added, **18** lines removed

There was **1** new contributor for this release!

There were **4** issues opened and were **4** issues closed

Top Contributors



Ion Gaztañaga
6 commits



Alexander Grund
1 commit

Boost.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 **5** commits in release 1.90.0

12 lines added, **8** lines removed

There was **1** issue opened and was **1** issue closed

Top Contributors



Andrey Semashev
4 commits



Alexander Grund
1 commit

Boost.Json

JSON parsing, serialization, and DOM in C++11

There were **15** commits in release 1.90.0

534 lines added, **310** lines removed

There were **15** issues opened and were **7** issues closed

There were **0** dependencies added and **2** dependencies removed

Top Contributors



Dmitry
13 commits



sdarwin
1 commit



Nigel Stewart
1 commit

Boost.Lambda2

A C++14 lambda library.

There were **2** commits in release 1.90.0

8 lines added, **10** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
2 commits

Boost.Leaf

A lightweight error handling library for C++11.

There were **33** commits in release 1.90.0

87 lines added, **35** lines removed

There were **3** new contributors for this release!

There were **3** issues opened and were **3** issues closed

Top Contributors



Rene Rivera
25 commits



Emil Dotchevski
4 commits



Dirk Stolle
2 commits



Peter Dimov
1 commit



ericli-splunk
1 commit

Boost.LexicalCast

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

There were **7** commits in release 1.90.0

386 lines added, **178** lines removed

There were **2** new contributors for this release!

There was **1** issue opened and were **2** issues closed

There were **0** dependencies added and **1** dependency removed

Top Contributors



Antony Polukhin
4 commits



Romain Geissler
1 commit



ivanpanch
1 commit



bmagistro
1 commit

Boost.Locale

Provide localization and Unicode handling tools for C++.

There were **47** commits in release 1.90.0

2,354 lines added, **1,252** lines removed

There was **1** issue opened and was **1** issue closed

Top Contributors



Alexander Grund
47 commits

Boost.Lockfree

Lockfree data structures.

There were **7** commits in release 1.90.0

24 lines added, **43** lines removed

There were **3** new contributors for this release!

There were **3** issues opened and were **2** issues closed

Top Contributors



Tim Blechmann
3 commits



ivanpanch
2 commits



Ashish Sadanandan
1 commit



Alexander Grund
1 commit

Boost.Log

Logging library.

There were **9** commits in release 1.90.0

18 lines added, **25** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and was **1** issue closed

Top Contributors



Andrey Semashev
7 commits



Alexander Grund
2 commits

Boost.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 **198** commits in release 1.90.0

110,068 lines added, **514** lines removed

There were **2** new contributors for this release!

There were **11** issues opened and were **10** issues closed

Top Contributors



Maksym Zhelyeznyakov
83 commits



Matt Borland
72 commits



Christopher Kormanyos
33 commits



Andrew Johnson
5 commits



warren
2 commits



John Maddock
2 commits



Romain Geissler
1 commit

Boost.MetaStateMachine

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

There were **103** commits in release 1.90.0

17,297 lines added, **33,239** lines removed

There were **4** new contributors for this release!

There were **9** issues opened and were **8** issues closed

There was **1** dependency added and **1** dependency removed

Top Contributors



Christian Granzin
86 commits



henry-ch
4 commits



Christophe Henry
4 commits



Peter Dimov
3 commits



dependabot[bot]
3 commits



Alexander Grund
2 commits



ivanpanch
1 commit

Boost.Move

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

There were **10** commits in release 1.90.0

15 lines added, **16** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and was **1** issue closed

Top Contributors



Ion Gaztañaga
8 commits



Alexander Grund
1 commit



sdarwin
1 commit

Boost.Mp11

A C++11 metaprogramming library.

There were **12** commits in release 1.90.0

53 lines added, **47** lines removed

There were **4** issues opened and were **3** issues closed

Top Contributors



Peter Dimov
10 commits



Joaquin M. López Muñoz
2 commits

Boost.Mpi

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

There was **1** commit in release 1.90.0

5 lines added, **0** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Samuel Debione
1 commit

Boost.Mpl

The Boost.MPL library is a general-purpose, high-level C++ template metaprogramming framework of compile-time algorithms, sequences and metafunctions. It provides a conceptual foundation and an extensive set of powerful and coherent tools that make doing explicit metaprogramming in C++ as easy and enjoyable as possible within the current language.

There were **4** commits in release 1.90.0

95 lines added, **506** lines removed

There were **2** new contributors for this release!

There was **1** issue opened and were **0** issues closed

Top Contributors



James E. King III
2 commits



Sergey Chebotarev
1 commit



Thomas Höhlig
1 commit

Boost.Mqtt5

MQTT5 client library built on top of Boost.Aasio.

There were **5** commits in release 1.90.0

458 lines added, **474** lines removed

There were **9** issues opened and were **6** issues closed

There were **0** dependencies added and **3** dependencies removed

Top Contributors



Bruno Iljazovic
5 commits

Boost.MultiIndex

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 **4** commits in release 1.90.0

59 lines added, **59** lines removed

There was **1** new contributor for this release!

There were **2** issues opened and were **3** issues closed

Top Contributors



Joaquin M. López Muñoz
2 commits



Alexander Grund
1 commit



ivanpanch
1 commit

Boost.Multiprecision

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

There were **135** commits in release 1.90.0

3,921 lines added, **2,112** lines removed

There were **2** new contributors for this release!

There were **6** issues opened and were **3** issues closed

Top Contributors



Christopher Kormanyos
127 commits



Matt Borland
4 commits



Richard Thomson
2 commits



Pavel P
1 commit



ivanpanch
1 commit

Boost.MySQL

MySQL client library built on top of Boost.Aasio.

There were **4** commits in release 1.90.0

116 lines added, **800** lines removed

There were **2** issues opened and were **11** issues closed

Top Contributors



Anarthal (Rubén Pérez)
4 commits

Boost.Nowide

Standard library functions with UTF-8 API on Windows.

There were **22** commits in release 1.90.0

85 lines added, **435** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Alexander Grund
22 commits

Boost.Outcome

A deterministic failure handling library partially simulating lightweight exceptions.

There were **3** commits in release 1.90.0

73 lines added, **50** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Niall Douglas
2 commits



Jenkins nedprod CI
1 commit

Boost.Parameter

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

There were **2** commits in release 1.90.0

2 lines added, **2** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Alexander Grund
1 commit



Andrey Semashev
1 commit

Boost.Parser

A parser combinator library.

There were **33** commits in release 1.90.0

438 lines added, **140** lines removed

There were **2** new contributors for this release!

There were **18** issues opened and were **16** issues closed

Top Contributors



ivanpanch
13 commits



Zach Laine
12 commits



Andreas Buhr
8 commits

Boost.Pfr

Basic reflection for user defined types.

There were **5** commits in release 1.90.0

397 lines added, **54** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and were **4** issues closed

Top Contributors



Antony Polukhin
3 commits



Alexander Grund
2 commits

Boost.PointerContainer

Containers for storing heap-allocated polymorphic objects to ease OO-programming.

There was **1** commit in release 1.90.0

20 lines added, **409** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



James E. King III
1 commit

Boost.PolyCollection

Fast containers of polymorphic objects.

There was **1** commit in release 1.90.0

2 lines added, **2** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Alexander Grund
1 commit



Boost.Process

Library to create processes in a portable way.

There were **20** commits in release 1.90.0

305 lines added, **68** lines removed

There were **3** new contributors for this release!

There were **12** issues opened and were **5** issues closed

Top Contributors



Klemens Morgenstern
15 commits



Alexander Grund
2 commits



Konvicka Filip
1 commit



EelisVP
1 commit



chn
1 commit

Boost.ProgramOptions

The program_options library allows program developers to obtain program options, that is (name, value) pairs from the user, via conventional methods such as command line and config file.

There were **33** commits in release 1.90.0

280 lines added, **194** lines removed

There were **5** new contributors for this release!

There was **1** issue opened and were **2** issues closed

Top Contributors



Rene Rivera

18 commits



Peter Dimov

6 commits



bmagistro

2 commits



Andrey Semashev

1 commit



Sylvain Joubert

1 commit



Lukas Friembichler

1 commit



ivanpanch

1 commit



Marcos Simental

1 commit



Alexander Grund

1 commit



Vladimir Prus

1 commit

Boost.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 **18** commits in release 1.90.0

142 lines added, **83** lines removed

There were **4** new contributors for this release!

There were **3** issues opened and were **4** issues closed

Top Contributors



E Kawashima

7 commits



Stefan Seefeld

7 commits



Thomas Kent

1 commit



Abhay Kumar

1 commit



Anton Gladky

1 commit



Aditya Pillai

1 commit

Boost.Random

A complete system for random number generation.

There were **14** commits in release 1.90.0

72 lines added, **20** lines removed

There were **5** issues opened and were **5** issues closed

Top Contributors



Matt Borland

13 commits



Alexander Grund

1 commit

Boost.Redis

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

There were **42** commits in release 1.90.0

8,086 lines added, **2,755** lines removed

There were **33** issues opened and were **39** issues closed

Top Contributors



Anarthal (Rubén Pérez)
34 commits



Marcelo Zimbres
8 commits

Boost.Scope

A collection of scope guards and a unique_resource wrapper.

There were **2** commits in release 1.90.0

5 lines added, **3** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Andrey Semashev
2 commits

Boost.Signals2

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

There were **6** commits in release 1.90.0

5 lines added, **4** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Frank Mori Hess
3 commits



Romain Geissler
1 commit



Alexander Grund
1 commit



sdarwin
1 commit

Boost.SmartPtr

Smart pointer class templates.

There were **39** commits in release 1.90.0

241 lines added, **5,343** lines removed

There were **2** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
39 commits

Boost.Sort

High-performance templated sort functions.

There were **31** commits in release 1.90.0

421 lines added, **432** lines removed

There was **1** issue opened and were **2** issues closed

Top Contributors



spreadsort
13 commits



Peter Dimov
11 commits



Nigel Stewart
6 commits



Francisco Tapia
1 commit

Boost.Spirit

LL parser framework represents parsers directly as EBNF grammars in inlined C++.

There were **83** commits in release 1.90.0

89 lines added, **41** lines removed

There were **6** new contributors for this release!

There were **7** issues opened and were **10** issues closed

Top Contributors



Nana Sakisaka
75 commits



chrisse74
1 commit



Peter Dimov
1 commit



ZHUO Qiang
1 commit



Adem Budak
1 commit



sigbjorn
1 commit



Ta'am
1 commit



Joel de Guzman
1 commit



Robert Adam
1 commit

Boost.Stacktrace

Gather, store, copy and print backtraces.

There were **3** commits in release 1.90.0

12 lines added, **11** lines removed

There were **2** new contributors for this release!

There were **3** issues opened and were **2** issues closed

Top Contributors



Antony Polukhin

1 commit



Jonathan Wakely

1 commit



Orgad Shanh

1 commit

Boost.StaticString

A fixed capacity dynamically sized string.

There were **45** commits in release 1.90.0

1,677 lines added, **1,962** lines removed

There were **6** new contributors for this release!

There were **6** issues opened and were **7** issues closed

There were **0** dependencies added and **1** dependency removed

Top Contributors



Alexander Grund

18 commits



Rene Rivera

12 commits



Gennaro Prota

12 commits



Dmitry

1 commit



me@kennethreitz.org

1 commit



Arthur O'Dwyer

1 commit

Boost.StlInterfaces

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

There were **3** commits in release 1.90.0

12 lines added, **2** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Zach Laine
2 commits



Stat1cV01D
1 commit

Boost.System

Extensible error reporting.

There were **5** commits in release 1.90.0

52 lines added, **9** lines removed

There was **1** issue opened and were **3** issues closed

Top Contributors



Peter Dimov
4 commits



Vinnie Falco
1 commit

Boost.Test

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

There were **13** commits in release 1.90.0

247 lines added, **176** lines removed

There was **1** new contributor for this release!

There were **8** issues opened and were **9** issues closed

Top Contributors



Matt Borland
7 commits



Alexander Grund
2 commits



Rene Rivera
1 commit



Tim Blechmann
1 commit



Hennadii Stepanov
1 commit



Peter Dimov
1 commit

Boost.ThrowException

A common infrastructure for throwing exceptions from Boost libraries.

There were **2** commits in release 1.90.0

40 lines added, **32** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Peter Dimov
2 commits

Boost.TypeIndex

Runtime/Compile time copyable type info.

There were **5** commits in release 1.90.0

226 lines added, **53** lines removed

There was **1** new contributor for this release!

There was **1** issue opened and was **1** issue closed

There were **0** dependencies added and **1** dependency removed

Top Contributors



Antony Polukhin
4 commits



Alexander Grund
1 commit

Boost.Unordered

Unordered associative containers.

There were **10** commits in release 1.90.0

2,230 lines added, **1,725** lines removed

There were **7** issues opened and were **4** issues closed

Top Contributors



Joaquin M. López Muñoz
6 commits



Alexander Grund
1 commit



sdarwin
1 commit



braden
1 commit



Peter Dimov
1 commit

Boost.Url

URL parsing in C++11

There were **20** commits in release 1.90.0

2,311 lines added, **1,713** lines removed

There was **1** new contributor for this release!

There were **25** issues opened and were **11** issues closed

There were **0** dependencies added and **1** dependency removed

Top Contributors



Alan de Freitas
15 commits



Vinnie Falco
2 commits



Alexander Grund
1 commit



sdarwin
1 commit



ivanpanch
1 commit

Boost.Utility

Various utilities, such as base-from-member idiom and binary literals in C++03.

There were **2** commits in release 1.90.0

2 lines added, **2** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Alexander Grund
1 commit



Andrey Semashev
1 commit

Boost.Uuid

A universally unique identifier.

There were **41** commits in release 1.90.0

423 lines added, **145** lines removed

There was **1** new contributor for this release!

There were **2** issues opened and were **10** issues closed

Top Contributors



Peter Dimov
26 commits



ivanpanch
13 commits



Alexander Grund
1 commit



James E. King III
1 commit

Boost.Variant

Safe, generic, stack-based discriminated union container.

There were **2** commits in release 1.90.0

10 lines added, **10** lines removed

There was **1** new contributor for this release!

There were **0** issues opened and were **0** issues closed

Top Contributors



Antony Polukhin
1 commit



Alexander Grund
1 commit

Boost.Variant2

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

There were **12** commits in release 1.90.0

398 lines added, **90** lines removed

There were **2** issues opened and were **2** issues closed

Top Contributors



Peter Dimov
12 commits

Boost.WinAPI

Windows API abstraction layer.

There were **6** commits in release 1.90.0

118 lines added, **63** lines removed

There were **0** issues opened and were **0** issues closed

Top Contributors



Andrey Semashev
5 commits



Alexander Grund
1 commit