Boost 1.90.0

117,279 commits up through 1.90.0

198,860 lines added, **137,425** 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!	
Unix	boost_1_90_0.tar.gz
	boost_1_90_0.tar.bz2
Windows	boost_1_90_0.7z
	boost_1_90_0.zip
Windows (Bin)	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

Sep   Oct   Nov   Dec

0 commits   **74** commits
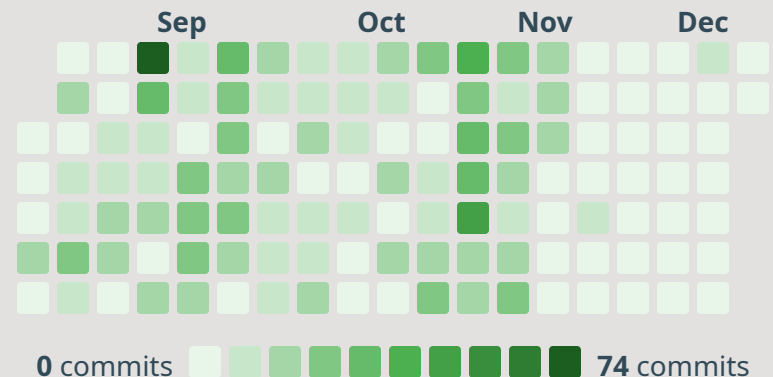
From the Fiscal Sponsorship Committee

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

Bar chart of Most Committed Libraries:
- Math: 198
- Dynamic Bitset: 183
- Multiprecision: 135
- Meta State Machine: 103
- Container: 100
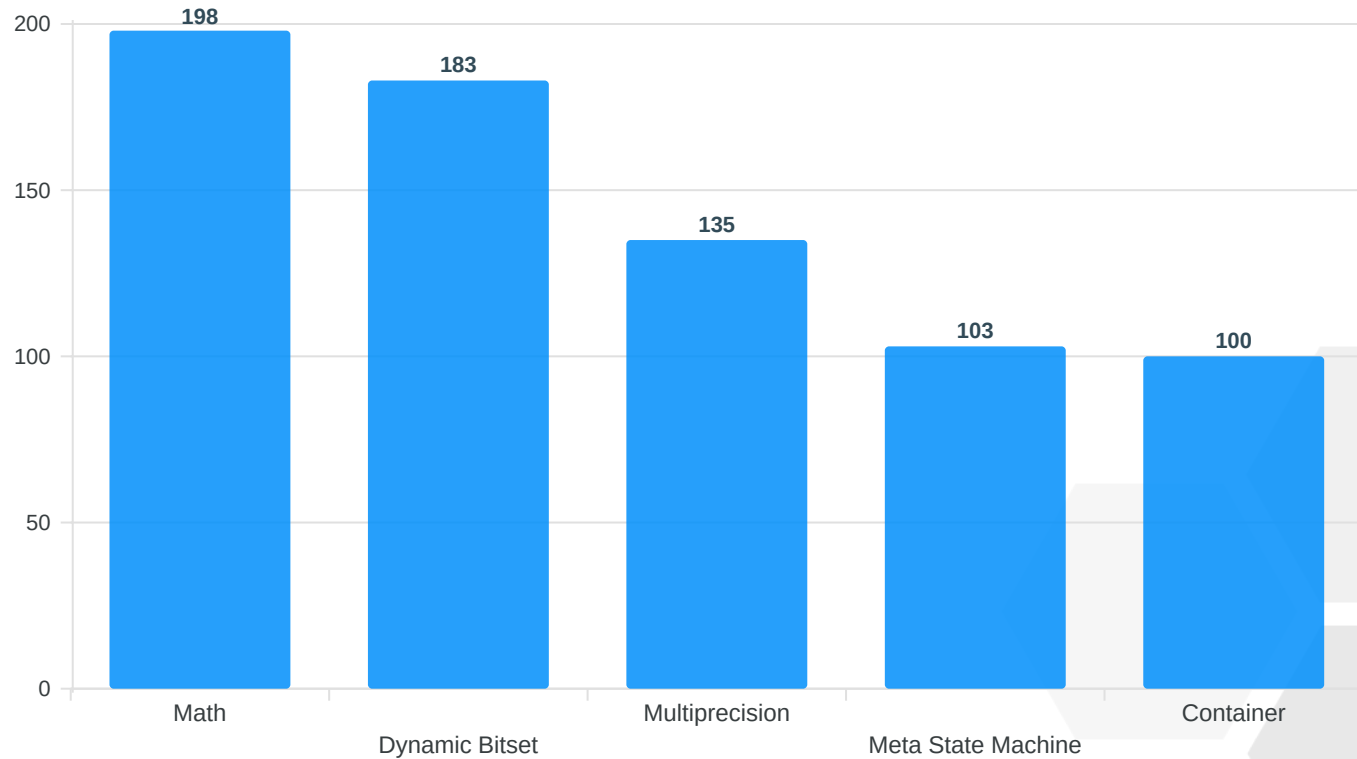
Mailing List

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.
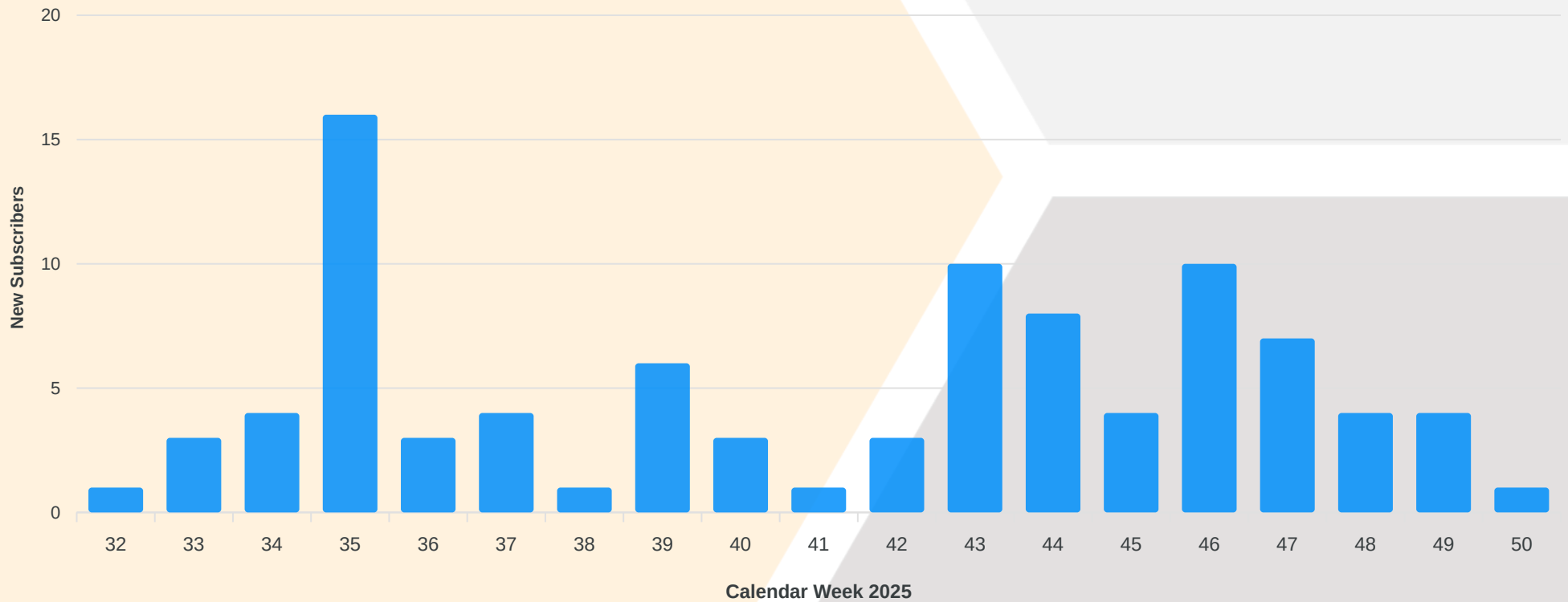
Mailing List Top 200 Most Frequently Used Words

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

Mailing List Word Cloud
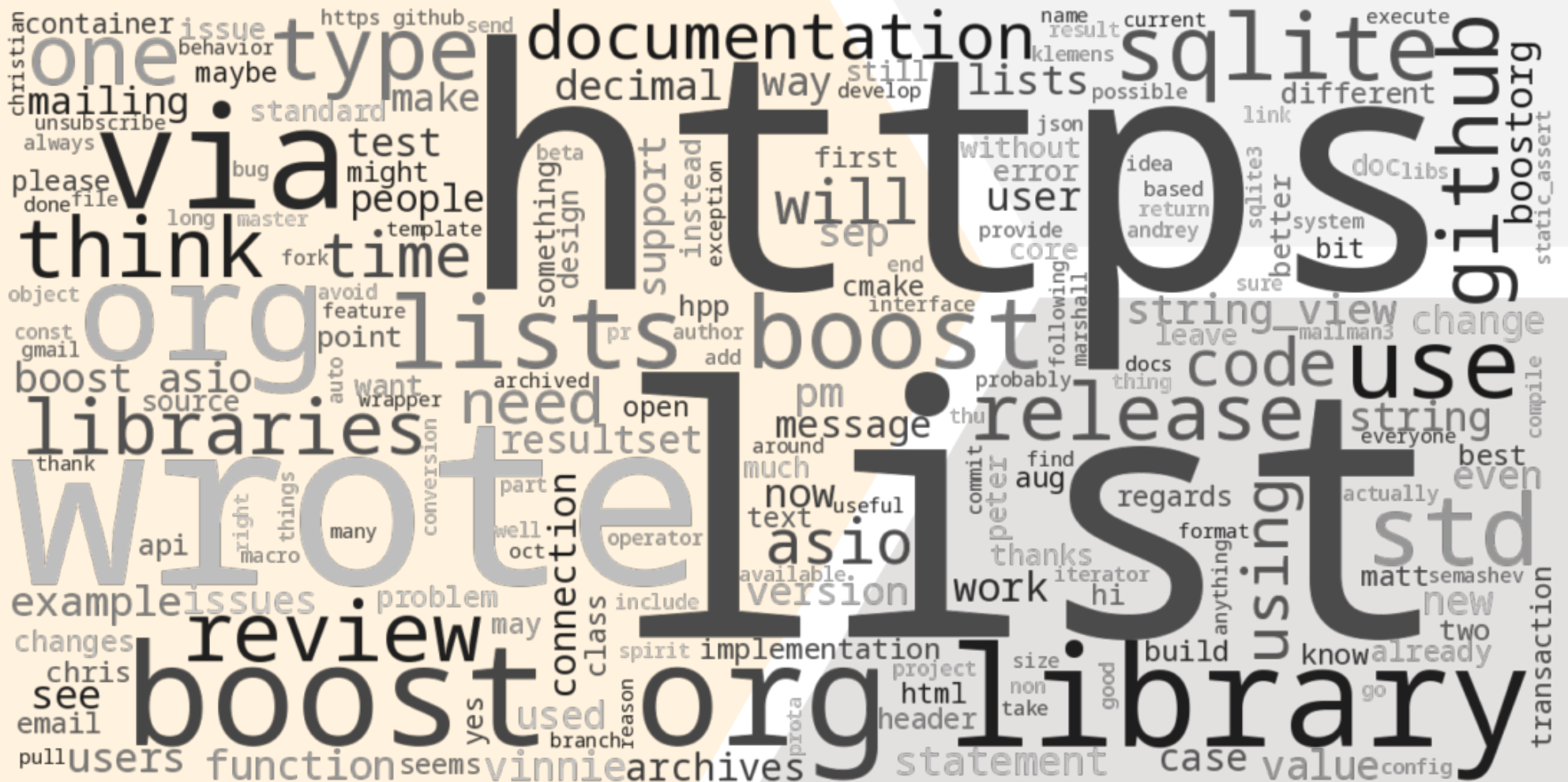
Slack Channels

#boost
boost library discussions

#boost-asio

#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-beast2
Related Repositories: https://github.com/cppalliance/capy https://github.com/cppalliance/buffers

#boost-charconv

#boost-decimal
IEEE 754 Decimal Floating Point in C++14

#boost-docs
Talk about Boost documentation development

#boost-gil
Boost GIL (Boost Generic Image Library)

#boost-gsoc
Boost Google Summer of Code

#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

105,707 slack messages in #boost-beast2
24 people were active for this release. (**11** New)

Top Contributors

Vinnie Falco
58857 messages

Mohammad Nejati
16117 messages

Peter Dimov
10210 messages

Amlal El Mahrouss
7927 messages

Mungo Gill
5460 messages

Rubén Pérez Hidalgo
2431 messages

RoyBellingan
1376 messages

Ian Torres
724 messages

Alan de Freitas
578 messages

Klemens Morgenstern
403 messages

#boost

6,773 slack messages in #boost
68 people were active for this release. (**10** New)

Top Contributors

Peter Dimov
1216 messages

Vinnie Falco
1042 messages

Christian Mazakas
666 messages

Dmitry Arkhipov
512 messages

Joaquín M López Muñoz
304 messages

Arnaud Becheler
276 messages

Amlal El Mahrouss
244 messages

Simple Person
241 messages

Janko
218 messages

René Ferdinand Rivera ...
181 messages

#boost-website

1,619 slack messages in #boost-website
22 people were active for this release. (**4** New)

Top Contributors

Vinnie Falco
475 messages

Sam Darwin
307 messages

Rob Beeston
262 messages

Dave O'Connor
184 messages

Joaquín M López Muñoz
111 messages

Kari Skinner
69 messages

Greg Kaleka
49 messages

Peter Dimov
37 messages

René Ferdinand Rivera ...
29 messages

Dmitry Arkhipov
20 messages

#boost-asio

1,561 slack messages in #boost-asio
25 people were active for this release. (**5** New)

Top Contributors

Vinnie Falco
602 messages

Rubén Pérez Hidalgo
351 messages

Klemens Morgenstern
234 messages

Peter Dimov
55 messages

Mohammad Nejati
46 messages

Amlal El Mahrouss
36 messages

Zackori C
36 messages

Alexander Kremer
31 messages

james droog
28 messages

Jarrod Smith
26 messages

#boost-json

512 slack messages in #boost-json
13 people were active for this release. (**3** New)

Top Contributors

Dmitry Arkhipov
163 messages

Peter Dimov
125 messages

Vinnie Falco
113 messages

Emil Dotchevski
67 messages

Sam Darwin
22 messages

Mohammad Nejati
7 messages

Klemens Morgenstern
6 messages

james droog
2 messages

Alan de Freitas
2 messages

Nerixyz
2 messages

#boost-url

473 slack messages in #boost-url
7 people were active for this release. (**3** New)

Top Contributors

Vinnie Falco
212 messages

Alan de Freitas
175 messages

Mohammad Nejati
29 messages

Peter Dimov
26 messages

John Ericson
26 messages

Amlal El Mahrouss
4 messages

Julio C Estrada
1 message

#boost-unordered

147 slack messages in #boost-unordered
9 people were active for this release. (**1** New)

Top Contributors

Joaquín M López Muñoz
46 messages

Peter Dimov
45 messages

Ion Gaztañaga
19 messages

Christian Mazakas
16 messages

Pavel Odintsov
8 messages

Vinnie Falco
7 messages

Andrea Cedraro
3 messages

Giver
2 messages

Alan de Freitas
1 message

#boost-charconv

65 slack messages in #boost-charconv
5 people were active for this release. (**0** New)

Top Contributors

Dmitry Arkhipov
26 messages

Matt Borland
18 messages

Peter Dimov
11 messages

Vinnie Falco
9 messages

Sam Darwin
1 message

#boost-multi

40 slack messages in #boost-multi
3 people were active for this release. (**1** New)

Top Contributors

Alfredo Correa
22 messages

Vinnie Falco
13 messages

Matt Borland
5 messages

#boost-decimal

17 slack messages in #boost-decimal
2 people were active for this release. (**0** 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. (**1** 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. (**0** New)

Top Contributors

Samuel Debionne
4 messages

Website Searches
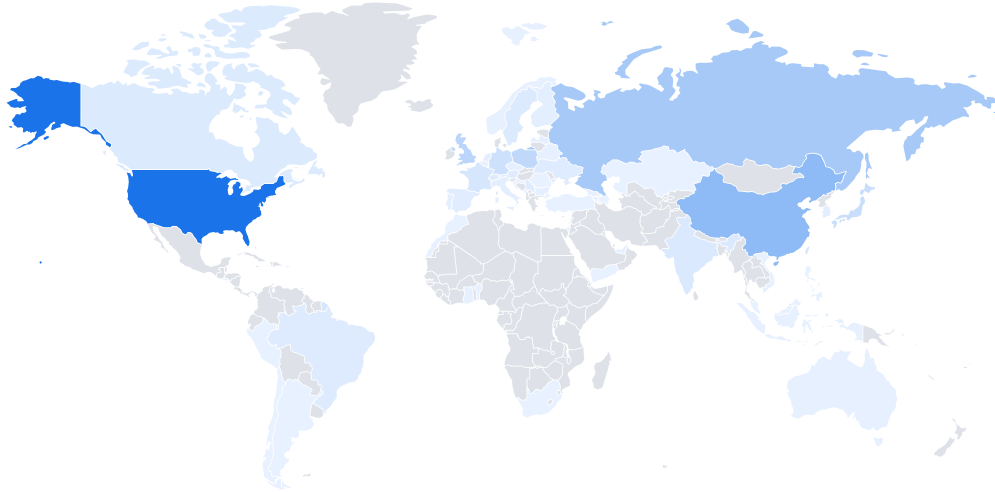
1017 website searches.

Top 5 countries:

United States of America: 269 searches
China: 118 searches
Russia: 87 searches
United Kingdom: 59 searches
Poland: 53 searches

Updated Libraries

★ OpenMethod

Any	Integer	Pointer Container
Asio	Interprocess	PolyCollection
Assert	Intrusive	Process
Atomic	Iterator	Program Options
Beast	JSON	Python
Bloom	Lambda2	Random
CharConv	LEAF	Redis
Cobalt	Lexical Cast	Scope
Compat	Locale	Signals2
Config	Lockfree	Smart Ptr
Container	Log	Sort
Container Hash	Math	Spirit
Context	Meta State Machine	Stacktrace
Conversion	Move	Static String
Core	Mp11	Stl_interfaces
CRC	MPI	System
Describe	MPL	Test
DLL	MQTT5	ThrowException
Dynamic Bitset	Multi-Index	Type Index
Filesystem	Multiprecision	Unordered
Flyweight	MySQL	URL
Geometry	Nowide	Utility
GIL	Outcome	Uuid
Heap	Parameter	Variant
Histogram	Parser	Variant2
	PFR	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

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

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

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

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

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

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

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

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

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

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

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

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

Boost.Mqtt5

MQTT5 client library built on top of Boost.Asio.

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.Asio.

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

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

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

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

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.Asio.

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

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

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

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 Shaneh
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

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

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