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Text Part Number: 78EE117C99-1310695301

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# This file contains a list of people who've made non-trivial  
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- \* Small patch to fix Python CallMethod().

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- \* Small optimizations to Python serialization.

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- \* VI syntax highlighting tweaks.
- \* Fix compiler to not make output executable.

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- \* Heuristic detection of sub-messages when printing unknown fields in text format.

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- \* Added @Override annotation to generated Java code where appropriate.

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- \* Tru64 support.

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- \* Solaris 10 + Sun Studio fixes.

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- \* Slicing support for repeated scalar fields for the Python API.

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- \* MS Visual Studio error format option.
- \* Detect unordered\_map in stl\_hash.m4.

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- \* gzip/zlib I/O support.

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- \* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- \* Added generation of field number constants.

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- \* Fixed initialization ordering problem in logging code.

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- \* Small patch improving performance of in Python serialization.

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- \* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

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\* HPUX support.

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\* Detect whether zlib is new enough in configure script.

\* Fixes for Solaris 10 32/64-bit confusion.

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\* Optimize Java serialization code when writing a small message to a stream.

\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.

\* Clean up some Java warnings.

\* Fix bug with permanent callbacks that delete themselves when run.

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\* Added CodedInputStream.getTotalBytesRead().

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\* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

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\* Fixed detection of sched\_yield on Solaris.

\* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

\* Fixed minor IBM xLC compiler build issues

\* Added atomicops for AIX (POWER)

# This file contains a list of people who've made non-trivial  
# contribution to the Google C++ Testing Framework project. People  
# who commit code to the project are encouraged to add their names  
# here. Please keep the list sorted by first names.

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```

```
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 */
```

```
/******
```

```
*
 * This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50
 *
 * taken from Mark Leisher's xmbdfed package
 *
 */
```

#####

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	GL/gltext.h	Khronos
	GL/wgltext.h	Khronos
	KHR/khrplatform.h	Khronos

\*\*\*\*\*

----  
include/GL/gl.h :

Mesa 3-D graphics library

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```
include/GL/glex.h  
include/GL/glxext.h  
include/GL/wglxext.h :
```

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```
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```

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## Little Color Management System (LCMS) v2.12

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<pre>

Little Color Management System

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```
</pre>
## ASM Bytecode Manipulation Framework v6.0
```

```
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```

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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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...

```
## xwd v1.0.7
```

```
### xwd utility
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```
<pre>
```

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* /opt/cola/permits/1310721450_1650633367.43/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/logs/v1/logs.proto  
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```

jar/opentelemetry/proto/trace/v1/trace.proto  
\* /opt/cola/permits/1310721450\_1650633367.43/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/metrics/experimental/metrics\_config\_service.proto  
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## 1.7 apache-servicemix-::-bundles-::-

### xercesimpl 2.11.0\_1

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## 1.11 io-grpc-grpc-context 1.40.1

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 */
```

Found in path(s):

```
*/opt/cola/permits/1310721472_1650884273.38/0/grpc-context-1-40-1-sources-
jar/io/grpc/PersistentHashMapMappedTrie.java
```

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Found in path(s):

\* /opt/cola/permits/1310721472\_1650884273.38/0/grpc-context-1-40-1-sources-jar/io/grpc/ThreadLocalContextStorage.java  
\* /opt/cola/permits/1310721472\_1650884273.38/0/grpc-context-1-40-1-sources-jar/io/grpc/Deadline.java  
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Found in path(s):

\* /opt/cola/permits/1310721472\_1650884273.38/0/grpc-context-1-40-1-sources-jar/io/grpc/Context.java

## 1.12 commons-codec 1.14

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## 1.13 sqlite 3.15.1

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# io.opentelemetry:opentelemetry-proto 1.6.0-alpha

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Found in path(s):

```
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-  
jar/opentelemetry/proto/collector/logs/v1/logs_service.proto  
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-  
jar/opentelemetry/proto/collector/metrics/v1/metrics_service.proto  
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
```

```
jar/opentelemetry/proto/collector/trace/v1/trace_service.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/trace/v1/trace_config.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/metrics/experimental/metrics_config_service.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/trace/v1/trace.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/logs/v1/logs.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/metrics/v1/metrics.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/resource/v1/resource.proto
* /opt/cola/permits/1310721520_1650882367.2/0/opentelemetry-proto-1-6-0-alpha-
jar/opentelemetry/proto/common/v1/common.proto
```

## 1.15 apache-portable-runtime 1.6.1

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*/
/*
* sdbm - ndbm work-alike hashed database library
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* author: oz@nexus.yorku.ca
* status: ex-public domain
*/
```

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```
* /opt/cola/permits/1034618660_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr_sdbm.h
```

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```
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\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_strmatch.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_ldap\_option.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_redis.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_hooks.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_uri.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_queue.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apu\_errno.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_xlate.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_optional.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_ldap\_url.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_dbm.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apu\_want.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apu.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_ldap.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apu\_version.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_ldap\_init.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_reslist.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_anylock.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_crypto.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_buckets.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_xml.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_dbd.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_rmm.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_date.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_uuid.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_optional\_hooks.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_ldap\_rebind.h

\* /opt/cola/permits/1034618660\_1648096483.37/0/apr-util-zip/apr-util/1.6.1/include/apr-1/apr\_memcache.h

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\* permission of, the SIO stdio-replacement strx\_\* functions by Panos

\* Tsirigotis <panos@alumni.cs.colorado.edu> for xinetd.

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Found in path(s):

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/\* NIST Secure Hash Algorithm

\* heavily modified by Uwe Hollerbach uh@alumni.caltech.edu

\* from Peter C. Gutmann's implementation as found in

\* Applied Cryptography by Bruce Schneier

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## 1.17 protocol-buffers v3.14.0

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## 1.19 jackson-databind 2.12.3

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- \* /opt/cola/permits/1310721361\_1650370435.2/0/google-zip/google/protobuf/timestamp.proto
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\* /opt/cola/permits/1310721361\_1650370435.2/0/google-zip/google/protobuf/generated\_message\_util.h  
\* /opt/cola/permits/1310721361\_1650370435.2/0/google-zip/google/protobuf/compiler/command\_line\_interface.h

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* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/message.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/io/zero_copy_stream_impl_lite.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/repeated_field.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/compiler/cpp/cpp_generator.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/compiler/java/java_names.h
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```

Found in path(s):

```
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/stubs/template_util.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/stubs/mutex.h
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```

Found in path(s):

```
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/stubs/casts.h
* /opt/cola/permits/1310721361_1650370435.2/0/google-zip/google/protobuf/stubs/map_util.h
```

## 1.22 protocol-buffer-java-util-package 3.11.4

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Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license. This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

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\* Small patch to fix Python CallMethod().

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\* Small optimizations to Python serialization.

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\* VI syntax highlighting tweaks.

\* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>

\* Heuristic detection of sub-messages when printing unknown fields in text format.

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\* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

\* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

\* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

\* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

\* MS Visual Studio error format option.

\* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>

\* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).

\* Added generation of field number constants.

Wink Saville <wink@google.com>

\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

\* Small patch improving performance of in Python serialization.

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\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

\* Detect whether zlib is new enough in configure script.

\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- \* Optimize Java serialization code when writing a small message to a stream.
- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- \* Clean up some Java warnings.
- \* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- \* Fixed detection of sched\_yield on Solaris.
- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues
- \* Added atomicops for AIX (POWER)

# This file contains a list of people who've made non-trivial  
 # contribution to the Google C++ Testing Framework project. People  
 # who commit code to the project are encouraged to add their names  
 # here. Please keep the list sorted by first names.

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## 1.23 io-grpc-grpc-protobuf 1.40.1

### 1.23.1 Available under license :

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*/
```

Found in path(s):

```
* /opt/cola/permits/1310721307_1650884142.4/0/grpc-protobuf-lite-1-40-1-sources-  
jar/io/grpc/protobuf/lite/ProtoLiteUtils.java  
* /opt/cola/permits/1310721307_1650884142.4/0/grpc-protobuf-lite-1-40-1-sources-  
jar/io/grpc/protobuf/lite/ProtoInputStream.java
```

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```

\*/

Found in path(s):

\* /opt/cola/permits/1310721307\_1650884142.4/0/grpc-protobuf-lite-1-40-1-sources-jar/io/grpc/protobuf-lite/package-info.java

## 1.24 appdynamics-proxysupport-linux-x86

### 11.43.1

#### 1.24.1 Available under license :

## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

...

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\* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

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```
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\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/SequenceReportingEventHandler.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/IgnoreExceptionHandler.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/BatchEventProcessor.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/EventProcessor.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/ExceptionHandler.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/BlockingWaitStrategy.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/WaitStrategy.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/EventTranslatorOneArg.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/Util.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/RingBuffer.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/AbstractSequencer.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/EventFactory.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/EventTranslatorThreeArg.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/BusySpinWaitStrategy.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/dsl/EventProcessorInfo.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/SleepingWaitStrategy.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkerPool.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/dsl/EventHandlerGroup.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/dsl/ConsumerRepository.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/FatalExceptionHandler.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/SequenceBarrier.java  
\* /opt/cola/permits/1046386387\_1649800803.39/0/disruptor-3-4-2-sources-  
jar/com/lmax/disruptor/WorkProcessor.java

```
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/EventTranslatorVararg.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/dsl/ExceptionHandlerSetting.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/ProcessingSequenceBarrier.java
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```
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/dsl/ProducerType.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequence.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/SequenceGroups.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/InsufficientCapacityException.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/DataProvider.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequencer.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/Cursored.java
* /opt/cola/permits/1046386387_1649800803.39/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/FixedSequenceGroup.java
```

## 1.26 apache-xml-commons 1.4.01

### 1.26.1 Available under license :

```
xml-commons/java/external/LICENSE.dom-software.txt $Id: LICENSE.dom-software.txt 734314 2009-01-14
03:33:27Z mrglavas $
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\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/BinaryLogProvider.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/BinlogHelper.java  
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\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/TempFileSink.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/services/BinaryLogs.java  
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\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/HealthCheckingLoadBalancerFactory.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/ChannelzProtoUtil.java  
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\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/BinaryLogSink.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/internal/HealthCheckingRoundRobinLoadBalancerProvider.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/ChannelzService.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/InetAddressUtil.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/BinaryLogProviderImpl.java  
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Found in path(s):

\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/services/HealthStatusManager.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/services/package-info.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/HealthStatusManager.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/ProtoReflectionService.java  
\* /opt/cola/permits/1310721537\_1650884247.32/0/grpc-services-1-40-1-sources-jar/io/grpc/protobuf/services/HealthServiceImpl.java

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```
*/opt/cola/permits/1310721537_1650884247.32/0/grpc-services-1-40-1-sources-
jar/io/grpc/services/CallMetricRecorder.java
*/opt/cola/permits/1310721537_1650884247.32/0/grpc-services-1-40-1-sources-
jar/io/grpc/services/InternalCallMetricRecorder.java
```

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\* /opt/cola/permits/1130987386\_1612872111.26/0/failureaccess-1-0-1-sources-jar/com/google/common/util/concurrent/internal/InternalFutures.java

## 1.29 jzmq 3.1.0

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Alois Belaska <alois.belaska@google.com>

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```
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## xwd v1.0.7
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### xwd utility
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```
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```
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\* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

\*

\* taken from Mark Leisher's xmbdfed package

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\*/

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Ext headers	GL/ glxext.h	Khronos
	GL/ glxext.h	Khronos
	GL/ wglxext.h	Khronos
	KHR/ khrplatform.h	Khronos

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include/GL/gl.h :

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include/GL/glxext.h  
include/GL/wglxext.h :

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## 1.32 apache-log4j 2.17.1

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## 1.33 java-zeromq 3.1.0

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include/GL/glxext.h  
include/GL/wglxext.h :

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It is currently developed by a community of developers, as well as supported  
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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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## GIFLIB v5.2.1

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## 1.38 perfmark-perfmark-api 0.17.0

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 */
```

Found in path(s):

```
* /opt/cola/permits/1310721257_1650635472.72/0/perfmark-api-0-17-0-sources-jar/io/perfmark/Impl.java
* /opt/cola/permits/1310721257_1650635472.72/0/perfmark-api-0-17-0-sources-jar/io/perfmark/Tag.java
* /opt/cola/permits/1310721257_1650635472.72/0/perfmark-api-0-17-0-sources-jar/io/perfmark/Link.java
* /opt/cola/permits/1310721257_1650635472.72/0/perfmark-api-0-17-0-sources-jar/io/perfmark/PerfMark.java
* /opt/cola/permits/1310721257_1650635472.72/0/perfmark-api-0-17-0-sources-jar/io/perfmark/package-info.java
```

# 1.39 netty-project 4.1.69.Final

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Manifest-Version: 1.0  
Implementation-Title: Netty/Codec/Socks  
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.  
Automatic-Module-Name: io.netty.codec.socks  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.codec-socks  
Implementation-Version: 4.1.69.Final  
Built-By: root  
Bnd-LastModified: 1633945248607  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.handler.codec,io.netty.util;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.handler.codec.socks;uses="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.69",io.netty.handler.codec.socksx;uses="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.socksx.v5";version="4.1.69",io.netty.handler.codec.socksx.v4;uses="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.69",io.netty.handler.codec.socksx.v5;uses="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.69"  
Bundle-Name: Netty/Codec/Socks  
Bundle-Version: 4.1.69.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_302  
Implementation-URL: <https://netty.io/netty-codec-socks/>

Found in path(s):

\* /opt/cola/permits/1300428433\_1649930025.96/0/netty-codec-socks-4-1-69-final-jar/META-INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1300428433\_1649930025.96/0/netty-codec-socks-4-1-69-final-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml

## 1.40 jboss-servlet-3.1-api 1.0.0

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The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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## DOM Level 3 Core Specification v1.0

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\*  
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```
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\*\*\*\*\*

----  
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```
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include/GL/glxext.h
include/GL/wglxext.h :
```

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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### xwd utility
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It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has  
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Found in path(s):

```
*/opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
jar/io/grpc/okhttp/ExceptionHandlerFrameWriter.java
*/opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/AsyncSink.java
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Found in path(s):

- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpWritableBufferAllocator.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpChannelProvider.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpProtocolNegotiator.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/package-info.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpWritableBuffer.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/NegotiationType.java

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- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/internal/Util.java

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\* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc-okhttp/internal/framed/HeadersMode.java

\* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc-okhttp/internal/framed/Hpack.java

\* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc-okhttp/internal/framed/ErrorCode.java

\* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc-okhttp/internal/framed/Http2.java

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- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/internal/TlsVersion.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/internal/Protocol.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/internal/ConnectionSpec.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/internal/CipherSuite.java

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- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpChannelBuilder.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpClientStream.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpTlsUpgrader.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/Headers.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OutboundFlowController.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/Utils.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpSettingsUtil.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpClientTransport.java
- \* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-jar/io/grpc/okhttp/OkHttpReadableBuffer.java

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* /opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
jar/io/grpc/okhttp/InternalOkHttpClientChannelBuilder.java
* /opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
jar/io/grpc/okhttp/SslSocketFactoryChannelCredentials.java
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```
* /opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
jar/io/grpc/okhttp/internal/OptionalMethod.java
* /opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
jar/io/grpc/okhttp/internal/OkHostnameVerifier.java
* /opt/cola/permits/1310721461_1650884178.79/0/grpc-okhttp-1-40-1-sources-
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jar/io/grpc/okhttp/internal/DistinguishedNameParser.java

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jar/io/grpc/okhttp/internal/framed/FrameReader.java

\* /opt/cola/permits/1310721461\_1650884178.79/0/grpc-okhttp-1-40-1-sources-

jar/io/grpc/okhttp/internal/framed/FrameWriter.java

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jar/io/grpc/okhttp/OkHttpFrameLogger.java

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jar/io/grpc/netty/InternalNettyChannelCredentials.java
* /opt/cola/permits/1228203994_1650884387.98/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/NettySslContextChannelCredentials.java
* /opt/cola/permits/1228203994_1650884387.98/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/InternalNettyServerCredentials.java
* /opt/cola/permits/1228203994_1650884387.98/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/InsecureFromHttp1ChannelCredentials.java
* /opt/cola/permits/1228203994_1650884387.98/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/NettyServerCredentials.java
* /opt/cola/permits/1228203994_1650884387.98/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/NettySslContextServerCredentials.java
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jar/io/grpc/netty/ForcefulCloseCommand.java

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jar/io/grpc/netty/GracefulCloseCommand.java

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jar/io/grpc/netty/GrpcHttp2OutboundHeaders.java  
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\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyServerBuilder.java  
\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyChannelBuilder.java  
\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NegotiationType.java  
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jar/io/grpc/netty/CancelClientStreamCommand.java  
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```

Found in path(s):  
\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/MaxConnectionIdleManager.java  
\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/KeepAliveEnforcer.java  
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\*/

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\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettySocketSupport.java

\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalNettySocketSupport.java

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\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/FixedKeyManagerFactory.java

\* /opt/cola/permits/1228203994\_1650884387.98/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/UnhelpfulSecurityProvider.java

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## 1.49 apache-portable-runtime 1.7.0

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```
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
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jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1310721575_1650363744.38/0/netty-handler-4-1-63-gm-sources-
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```

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java  
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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslContextOption.java  
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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/timeout/TimeoutException.java
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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/stream/ChunkedInput.java
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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/logging/LoggingHandler.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/logging/package-info.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslHandler.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/timeout/IdleState.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/stream/package-info.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/traffic/TrafficCounter.java

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jar/io/netty/handler/pcap/IPPacket.java

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jar/io/netty/handler/pcap/EthernetPacket.java

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jar/io/netty/handler/pcap/PcapHeaders.java

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jar/io/netty/handler/pcap/UDPPacket.java

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jar/io/netty/handler/pcap/TCPpacket.java

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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/PemValue.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
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- \* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/PemEncoded.java
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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslUtils.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JdkSslContext.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/package-info.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslProvider.java

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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java

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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JdkSslEngine.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslContext.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SniHandler.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java

\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java  
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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java  
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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/OptionalSslHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/JdkAlpnSslEngine.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/Conscrypt.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/SslClientHelloHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/AbstractSniHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/SslCloseCompletionEvent.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/ocsp/package-info.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/SniCompletionEvent.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-  
jar/io/netty/handler/ssl/JdkAlpnSslUtils.java

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\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/address/ResolveAddressHandler.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/logging/ByteBufFormat.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java  
\* /opt/cola/permits/1310721575\_1650363744.38/0/netty-handler-4-1-63-gm-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
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# 1.52 slf4j-api-module 1.6.6

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\* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

\*

\* taken from Mark Leisher's xmbdfed package

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include/GL/gl.h :

Mesa 3-D graphics library

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include/GL/glex.h

include/GL/glxext.h

include/GL/wglxext.h :

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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2000-05-05

## ASM Bytecode Manipulation Framework v6.0

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</pre>
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### xwd utility
<pre>
```

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Main Mesa code	src/ mesa/	MIT
Device drivers	src/ mesa/ drivers/ *	MIT, generally
Gallium code	src/ gallium/	MIT
Ext headers	GL/ glxext.h	Khronos
	GL/ glxext.h	Khronos

GL/wglexth Khronos  
KHR/khrplatform.h Khronos

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include/GL/gl.h :

Mesa 3-D graphics library

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include/GL/glexth

include/GL/glxext.h

include/GL/wglxext.h :

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/\*\*\*\*\*\*

```

*
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 *
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 *
 */

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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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### xwd utility
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## 1.56 io-grpc-grpc-api 1.40.1

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 * Key managers and trust managers may be specified as { @link KeyManager} and { @link
 * TrustManager} objects. This feature requires observing { @link #getKeyManagers()} and { @link
 * #getTrustManagers()}. Generally { @link #MTLS} should also be supported, as that is the more
 * common method of configuration. When a manager is non-{@code null}, then it is wholly
 * responsible for key or trust material and usage; there is no need to check other manager
 * sources like { @link #getCertificateChain()} or { @link #getPrivateKey()} (if { @code
 * KeyManager} is available), or { @link #getRootCertificates()} (if { @code TrustManager} is
 * available).
 *
 * <p>If other manager sources are available (e.g., { @code getPrivateKey() != null}), then they
 * may be alternative representations of the same configuration and the consumer is free to use
 * those alternative representations if it prefers. But before doing so it <em>must</em> first
 * check that it understands that alternative representation by using { @link #incomprehensible}
 * <em>without</em> the { @code CUSTOM MANAGERS} feature.
 */

```

Found in path(s):

```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/TlsChannelCredentials.java
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```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/HttpConnectProxiedSocketAddress.java
```

```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/NameResolverRegistry.java
```

```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ProxiedSocketAddress.java
```

```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalCallOptions.java
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```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/ServerCallExecutorSupplier.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Detachable.java
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```
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ProxyDetector.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalWithLogId.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerStreamTracer.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/ForwardingChannelBuilder.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalLogId.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
```

jar/io/grpc/InternalServiceProviders.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/StreamTracer.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalServerInterceptors.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalStatus.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServiceProviders.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalInstrumented.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ClientStreamTracer.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ForwardingClientCall.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerProvider.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/EquivalentAddressGroup.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ExperimentalApi.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ForwardingServerCall.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Contexts.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/StatusRuntimeException.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/PartialForwardingServerCall.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ManagedChannelProvider.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/DecompressorRegistry.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ForwardingServerCallListener.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Compressor.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-

jar/io/grpc/ManagedChannelBuilder.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/CallOptions.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Internal.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/CompressorRegistry.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ForwardingClientCallListener.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/PartialForwardingServerCallListener.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Decompressor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Codec.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/package-info.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/NameResolver.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Attributes.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/LoadBalancerProvider.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ChannelLogger.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerMethodDefinition.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Status.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerInterceptor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ClientCall.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerServiceDefinition.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Drainable.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerInterceptors.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ClientInterceptors.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/HandlerRegistry.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ClientInterceptor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/KnownLength.java  
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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerCallHandler.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerCall.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/MethodDescriptor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Channel.java

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\* TrustManager } objects. This feature by itself only implies { @link #getKeyManagers() } needs to

\* be observed. But along with { @link #MTLS }, then { @link #getTrustManagers() } needs to be

\* observed as well. When a manager is non-{@code null}, then it is wholly responsible for key

\* or trust material and usage; there is no need to check other manager sources like { @link

\* #getCertificateChain() } or { @link #getPrivateKey() } (if { @code KeyManager } is available), or

\* { @link #getRootCertificates() } (if { @code TrustManager } is available).

\*

\* <p>If other manager sources are available (e.g., { @code getPrivateKey() != null }), then they

\* may be alternative representations of the same configuration and the consumer is free to use

\* those alternative representations if it prefers. But before doing so it <em>must</em> first

\* check that it understands that alternative representation by using { @link #incomprehensible }

\* <em>without</em> the { @code CUSTOM\_MANAGERS } feature.

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Found in path(s):

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\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/CallCredentials.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/Grpc.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ConnectivityState.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/LoadBalancer.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalMethodDescriptor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/NameResolverProvider.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerTransportFilter.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/BindableService.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalKnownTransport.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/SecurityLevel.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalDecompressorRegistry.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ConnectivityStateInfo.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServiceDescriptor.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/CallCredentials2.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/HasByteBuffer.java  
\* /opt/cola/permits/1310721372\_1650884300.26/0/grpc-api-1-40-1-sources-

```

jar/io/grpc/ManagedChannelRegistry.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ChannelCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalConfigSelector.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/CompositeCallCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/InsecureChannelCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/ForwardingServerBuilder.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/ServerRegistry.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-jar/io/grpc/InternalServer.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/InsecureServerCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/CompositeChannelCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/ChoiceServerCredentials.java
* /opt/cola/permits/1310721372_1650884300.26/0/grpc-api-1-40-1-sources-
jar/io/grpc/ChoiceChannelCredentials.java

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## 1.57 appdynamics-bindeps-linux-x86 21.8.0

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\*  
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----  
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```
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include/GL/glxext.h
include/GL/wglxext.h :
```

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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```

```
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<pre>
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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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```
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### xwd utility
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```

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## libpng v1.6.37

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zip/1.75.0/include/boost/geometry/strategies/geographic/envelope.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/multipolygon.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/interface.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/validity\_failure\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/envelope\_box.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/num\_segments.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/dispatch/segment\_iterator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/default\_area\_result.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/io.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/is\_simple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/policies/predicate\_based\_interrupt\_policy.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/segment\_to\_segment.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/boundary\_view.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/max\_interval\_gap.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/expand/cartesian.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/detail.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area/geographic.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/geometries/helper\_geometry.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/expand\_segment.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/turns/remove\_duplicate\_turns.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/detail/segment\_iterator/range\_segment\_iterator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/dispatch/is\_simple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/envelope\_point.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/expand\_segment.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/linear.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/core/static\_assert.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/linear.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/concatenate\_iterator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/follow\_linear\_linear.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/point\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/expand\_point.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/calculate\_point\_order.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/failure\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/range\_to\_geometry\_rtree.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/closest\_feature/range\_to\_range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/has\_one\_element.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/envelope\_multipoint.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area/services.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/densify.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/intersection/areal\_areal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/expand\_box.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/normalize.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/turns/compare\_turns.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/point\_order.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/densify.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/io.hpp  
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/\*!

@file

Documents the `BOOST\_HANA\_DEFINE\_STRUCT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/define\_struct.hpp

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```
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// sell copies of the Software, and to permit persons to whom the
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```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/graph/boykov_kolmogorov_max_flow.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/graph/write_dimacs.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::first`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/first.hpp
```

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```
/* boost random/faure.hpp header file
```

```
*
```

```
* Copyright Justinas Vygintas Daugmaudis 2010-2018
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/faure.hpp
```

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```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
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```

```
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```

```
*/
```

\* This header is deprecated, use boost/winapi/handles.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/handles.hpp

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@file

Forward declares `boost::hana::replace`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/replace.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/moment.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/external.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/variates/covariate.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/parameters/quantile\_probability.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/reference\_accumulator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_set.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/complex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/mean.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/external\_accumulator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/weight.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/framework/accumulator\_concept.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/depends\_on.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/valarray.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/droppable\_accumulator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/accumulators.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/accumulators\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/sum.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/accumulator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/sample.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/max.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/min.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/features.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/error\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/stats.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/error\_of\_mean.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/count.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/extractor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/weights.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/with\_error.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/is\_partitioned\_until.hpp

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@file

Defines `boost::hana::is\_empty`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/is\_empty.hpp

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// I:/modular-boost/libs/math/include/boost/math/special\_functions/lambert\_w\_lookup\_table.hpp

// A collection of 128-bit precision integral z argument Lambert W values computed using 37 decimal digits precision.

// C++ floating-point precision is 128-bit long double.

// Output as 53 decimal digits, suffixed L.

// C++ floating-point type is provided by lambert\_w.hpp typedef.

// For example: typedef lookup\_t double; (or float or long double)

// Written by I:\modular-boost\libs\math\test\lambert\_w\_lookup\_table\_generator.cpp Thu Jan 25 16:52:07 2018

// Sizes of arrays of z values for Lambert W[0], W[1] ... W[64]" and W[-1], W[-2] ... W[-64].

namespace boost {



8.3152871910356788406398514256526229461e-07L, 3.0590232050182578837147949770228963937e-07L,  
1.1253517471925911451377517906012719164e-07L, 4.1399377187851666596510277189552806229e-08L,  
1.5229979744712628436136629233517431862e-08L, 5.6027964375372675400129828162064630798e-09L,  
2.0611536224385578279659403801558209764e-09L, 7.5825604279119067279417432412681264430e-10L,  
2.7894680928689248077189130306442932077e-10L, 1.0261879631701890303927527840612497760e-10L,  
3.7751345442790977516449695475234067792e-11L, 1.3887943864964020594661763746086856910e-11L,  
5.1090890280633247198744001934792157666e-12L, 1.8795288165390832947582704184221926212e-12L,  
6.9144001069402030094125846587414092712e-13L, 2.5436656473769229103033856148576816666e-13L,  
9.3576229688401746049158322233787067450e-14L, 3.4424771084699764583923893328515572846e-14L,  
1.2664165549094175723120904155965096382e-14L, 4.6588861451033973641842455436101684114e-15L,  
1.7139084315420129663027203425760492412e-15L, 6.3051167601469893856390211922465427614e-16L,  
2.3195228302435693883122636097380800411e-16L, 8.5330476257440657942780498229412441658e-17L,  
3.1391327920480296287089646522319196491e-17L, 1.1548224173015785986262442063323868655e-17L,  
4.2483542552915889953292347828586580179e-18L, 1.5628821893349887680908829951058341550e-18L,  
5.7495222642935598066643808805734234249e-19L, 2.1151310375910804866314010070226514702e-19L,  
7.7811322411337965157133167292798981918e-20L, 2.8625185805493936444701216291839372068e-20L,  
1.0530617357553812378763324449428108806e-20L, 3.8739976286871871129314774972691278293e-21L,  
1.4251640827409351062853210280340602263e-21L, 5.2428856633634639371718053028323436716e-22L,  
1.9287498479639177830173428165270125748e-22L, 7.0954741622847041389832693878080734877e-23L,  
2.6102790696677048047026953153318648093e-23L, 9.6026800545086760302307696700074909076e-24L,  
3.5326285722008070297353928101772088374e-24L, 1.2995814250075030736007134060714855303e-24L,  
4.7808928838854690812771770423179628939e-25L, 1.7587922024243116489558751288034363178e-25L,  
6.4702349256454603261540395529264893765e-26L, 2.3802664086944006058943245888024963309e-26L,  
8.7565107626965203384887328007391660366e-27L, 3.2213402859925160890012477758489437534e-27L,  
1.1850648642339810062850307390972809891e-27L, 4.3596100000630809736231248158884596428e-28L,

}; // w0es

BOOST\_STATIC\_CONSTEXPR lookup\_t w0zs[noof\_w0zs] =

{ // z values for W[0], W[1], W[2] ... W[64] (Fukushima array Fk).

0.0000000000000000000000000000000000000000000000000000000e+00L,  
2.7182818284590452353602874713526624978e+00L, 1.4778112197861300454460854921150015626e+01L,  
6.0256610769563003222785588963745153691e+01L, 2.1839260013257695631244104481144351361e+02L,  
7.4206579551288301710557790020276139812e+02L, 2.4205727609564107356503230832603296776e+03L,  
7.6764321089992101948460416680168500271e+03L, 2.3847663896333826197948736795623109390e+04L,  
7.2927755348178456069389970204894839685e+04L, 2.2026465794806716516957900645284244366e+05L,  
6.5861555886717600300859134371483559776e+05L, 1.9530574970280470496960624587818413980e+06L,  
5.7513740961159665432393360873381476632e+06L, 1.6836459978306874888489314790750032292e+07L,  
4.9035260587081659589527825691375819733e+07L, 1.4217776832812596218820837985250320561e+08L,  
4.1063419681078006965118239806655900596e+08L, 1.1818794444719492004981570586630806042e+09L,  
3.3911637183005579560532906419857313738e+09L, 9.7033039081958055593821366108308111737e+09L,  
2.7695130424147508641409976558651358487e+10L, 7.8868082614895014356985518811525255163e+10L,  
2.2413047926372475980079655175092843139e+11L, 6.3573893111624333505933989166748517618e+11L,  
1.8001224834346468131040337866531539479e+12L, 5.0889698451498078710141863447784789126e+12L,  
1.4365302496248562650461177217211790925e+13L, 4.0495197800161304862957327843914007993e+13L,  
1.1400869461717722015726999684446230289e+14L, 3.2059423744573386440971405952224204950e+14L,  
9.0051433962267018216365614546207459567e+14L, 2.5268147258457822451512967243234631750e+15L,  
7.0832381329352301326018261305316090522e+15L, 1.9837699245933465967698692976753294646e+16L,

```
5.5510470830970075484537561902113104381e+16L, 1.5520433569614702817608320254284931407e+17L,  
4.3360826779369661842459877227403719730e+17L, 1.2105254067703227363724895246493485480e+18L,  
3.3771426165357561311906703760513324357e+18L, 9.4154106734807994163159964299613921804e+18L,  
2.6233583234732252918129199544138403574e+19L, 7.3049547543861043990576614751671879498e+19L,  
2.0329709713386190214340167519800405595e+20L, 5.6547040503180956413560918381429636734e+20L,  
1.5720421975868292906615658755032744790e+21L, 4.3682149334771264822761478593874428627e+21L,  
1.2132170565093316762294432610117848880e+22L, 3.3680332378068632345542636794533635462e+22L,  
9.3459982052259884835729892206738573922e+22L, 2.5923527642935362320437266614667426924e+23L,  
7.1876803203773878618909930893087860822e+23L, 1.9921241603726199616378561653688236827e+24L,  
5.5192924995054165325072406547517121131e+24L, 1.5286067837683347062387143159276002521e+25L,  
4.2321318958281094260005100745711666956e+25L, 1.1713293177672778461879598480402173158e+26L,  
3.2408603996214813669049988277609543829e+26L, 8.9641258264226027960478448084812796397e+26L,  
2.4787141382364034104243901241243054434e+27L, 6.8520443388941057019777430988685937812e+27L,  
1.8936217407781711443114787060753312270e+28L, 5.2317811346197017832254642778313331353e+28L,  
1.4450833904658542238325922893692265683e+29L, 3.9904954117194348050619127737142206367e+29L
```

```
}; // w0zs
```

```
BOOST_STATIC_CONSTEXPR lookup_t wmls[noof_wmls] =
```

```
{ // Fukushima e array e[0] = e^1 = 2.718, e[1] = e^2 = 7.39 ... e[64] = 4.60718e+28.
```

```
2.7182818284590452353602874713526624978e+00L,  
7.3890560989306502272304274605750078132e+00L, 2.0085536923187667740928529654581717897e+01L,  
5.4598150033144239078110261202860878403e+01L, 1.4841315910257660342111558004055227962e+02L,  
4.0342879349273512260838718054338827961e+02L, 1.0966331584284585992637202382881214324e+03L,  
2.9809579870417282747435920994528886738e+03L, 8.1030839275753840077099966894327599650e+03L,  
2.2026465794806716516957900645284244366e+04L, 5.9874141715197818455326485792257781614e+04L,  
1.6275479141900392080800520489848678317e+05L, 4.4241339200892050332610277594908828178e+05L,  
1.2026042841647767777492367707678594494e+06L, 3.2690173724721106393018550460917213155e+06L,  
8.8861105205078726367630237407814503508e+06L, 2.4154952753575298214775435180385823880e+07L,  
6.5659969137330511138786503259060033569e+07L, 1.7848230096318726084491003378872270388e+08L,  
4.8516519540979027796910683054154055868e+08L, 1.3188157344832146972099988837453027851e+09L,  
3.5849128461315915616811599459784206892e+09L, 9.7448034462489026000346326848229752776e+09L,  
2.6489122129843472294139162152811882341e+10L, 7.2004899337385872524161351466126157915e+10L,  
1.9572960942883876426977639787609534279e+11L, 5.3204824060179861668374730434117744166e+11L,  
1.4462570642914751736770474229969288569e+12L, 3.9313342971440420743886205808435276858e+12L,  
1.0686474581524462146990468650741401650e+13L, 2.9048849665247425231085682111679825667e+13L,  
7.8962960182680695160978022635108224220e+13L, 2.1464357978591606462429776153126088037e+14L,  
5.8346174252745488140290273461039101900e+14L, 1.5860134523134307281296446257746601252e+15L,  
4.3112315471151952271134222928569253908e+15L, 1.1719142372802611308772939791190194522e+16L,  
3.1855931757113756220328671701298646000e+16L, 8.6593400423993746953606932719264934250e+16L,  
2.3538526683701998540789991074903480451e+17L, 6.3984349353005494922266340351557081888e+17L,  
1.7392749415205010473946813036112352261e+18L, 4.7278394682293465614744575627442803708e+18L,  
1.2851600114359308275809299632143099258e+19L, 3.4934271057485095348034797233406099533e+19L,  
9.4961194206024488745133649117118323102e+19L, 2.5813128861900673962328580021527338043e+20L,  
7.0167359120976317386547159988611740546e+20L, 1.9073465724950996905250998409538484474e+21L,  
5.1847055285870724640874533229334853848e+21L, 1.4093490824269387964492143312370168789e+22L,  
3.8310080007165768493035695487861993899e+22L, 1.0413759433029087797183472933493796440e+23L,  
2.8307533032746939004420635480140745409e+23L, 7.6947852651420171381827455901293939921e+23L,
```

```
2.0916594960129961539070711572146737782e+24L, 5.6857199993359322226403488206332533034e+24L,  
1.5455389355901039303530766911174620068e+25L, 4.2012104037905142549565934307191617684e+25L,  
1.1420073898156842836629571831447656302e+26L, 3.1042979357019199087073421411071003721e+26L,  
8.4383566687414544890733294803731179601e+26L, 2.2937831594696098790993528402686136005e+27L,  
6.2351490808116168829092387089284697448e+27L
```

```
}; // wm1es
```

```
BOOST_STATIC_CONSTEXPR lookup_t wm1zs[noof_wm1zs] =
```

```
{ // Fukushima G array of z values for integral K, (Fukushima Gk) g[0] (k = -1) = 1 ... g[64] = -
```

```
1.0264389699511303e-26.
```

```
-3.6787944117144232159552377016146086745e-01L,
```

```
-2.7067056647322538378799898994496880682e-01L, -1.4936120510359182893802724695018532990e-01L, -
```

```
7.326255554936721174872085092964968848e-02L, -3.3689734995427335483180242115742121244e-02L,
```

```
-1.4872513059998150538271004584900007349e-02L, -6.3831737588816134560219525908649783853e-03L, -
```

```
2.6837010232200947105711130062468881545e-03L, -1.1106882367801159454787302165703044346e-03L,
```

```
-4.5399929762484851535591515560550610238e-04L, -1.8371870869270225243899069096638966986e-04L, -
```

```
7.3730548239938517104187698145666387735e-05L, -2.9384282290753706235208604777002963102e-05L,
```

```
-1.1641402067449950376895791995913672125e-05L, -4.5885348075273868255721924655343445906e-06L, -
```

```
1.8005627955081458322204028649620350662e-06L, -7.0378941219347833214067471222239770590e-07L,
```

```
-2.7413963540482731185045932620331377352e-07L, -1.0645313231320808326024667350792279852e-07L, -
```

```
4.1223072448771156559318807603116419528e-08L, -1.5923376898615004128677660806663065530e-08L,
```

```
-6.1368298043116345769816086674174450569e-09L, -2.3602323152914347699033314033408744848e-09L, -
```

```
9.0603229062698346039479269140561762700e-10L, -3.4719859662410051486654409365217142276e-10L,
```

```
-1.3283631472964644271673440503045960993e-10L, -5.0747278046555248958473301297399200773e-11L, -
```

```
1.9360320299432568426355237044475945959e-11L, -7.3766303773930764398798182830872768331e-12L,
```

```
-2.8072868906520523814747496670136120235e-12L, -1.0671679036256927021016406931839827582e-12L, -
```

```
4.0525329757101362313986893299088308423e-13L, -1.5374324278841211301808010293913555758e-13L,
```

```
-5.8272886672428440854292491647585674200e-14L, -2.2067908660514462849736574172862899665e-14L, -
```

```
8.3502821888768497979241489950570881481e-15L, -3.1572276215253043438828784344882603413e-15L,
```

```
-1.1928704609782512589094065678481294667e-15L, -4.5038074274761565346423524046963087756e-16L, -
```

```
1.6993417021166355981316939131434632072e-16L, -6.4078169762734539491726202799339200356e-17L,
```

```
-2.4147993510032951187990399698408378385e-17L, -9.0950634616416460925150243301974013218e-18L, -
```

```
3.4236981860988704669138593608831552044e-18L, -1.2881333612472271400115547331327717431e-18L,
```

```
-4.8440839844747536942311292467369300505e-19L, -1.8207788854829779430777944237164900798e-19L, -
```

```
6.8407875971564885101695409345634890862e-20L, -2.5690139750480973292141845983878483991e-20L,
```

```
-9.6437492398195889150867140826350628738e-21L, -3.6186918227651991108814673877821174787e-21L, -
```

```
1.3573451162272064984454015639725697008e-21L, -5.0894204288895982960223079251039701810e-22L,
```

```
-1.9076194289884357960571121174956927722e-22L, -7.1476978375412669048039237333931704166e-23L, -
```

```
2.6773000149758626855152191436980592206e-23L, -1.0025115553818576399048488234179587012e-23L,
```

```
-3.7527362568743669891693429406973638384e-24L, -1.4043571811296963574776515073934728352e-24L, -
```

```
5.2539064576179122030932396804434996219e-25L, -1.9650175744554348142907611432678556896e-25L,
```

```
-7.3474021582506822389671905824031421322e-26L, -2.7465543000397410133825686340097295749e-26L, -
```

```
1.0264389699511282259046957018510946438e-26L
```

```
}; // wm1zs
```

```
} // namespace lambert_w_lookup
```

```
} // namespace detail
```

```
} // namespace math
```

```
} // namespace boost
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/lambert\_w\_lookup\_table.ipp  
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@file

Defines `boost::hana::prefix`.

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zip/1.75.0/include/boost/fusion/adapted/array.hpp

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@file

Forward declares `boost::hana::value`.

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forward.h

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@file

Defines `boost::hana::Metafunction`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_operations\_fwd.hpp  
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zip/1.75.0/include/boost/atomic/detail/int\_sizes.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/capabilities.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extending\_cas\_based\_arithmetic.hpp  
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zip/1.75.0/include/boost/atomic/detail/cas\_based\_exchange.hpp  
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zip/1.75.0/include/boost/atomic/detail/core\_ops\_cas\_based.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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/\*\*  
\* \_\*- c++ -\*\_  
\*  
\* \file c\_array.hpp  
\*  
\* \brief provides specializations of matrix and vector operations for c arrays and c matrices.  
\*  
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* http://www.boost.org/LICENSE_1_0.txt)
*
* \author Gunter Winkler (guwi17 at gmx dot de)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/c_array.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::iterate`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/iterate.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::curry`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/curry.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/operators.hpp header file
```

```
*/
```

```
* Copyright Steven Watanabe 2010-2011
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*/
```

```
* $Id$
```

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/operators.hpp

No license file was found, but licenses were detected in source scan.

//

// Copyright (c) 2019 Vinnie Falco (vinnie.falco@gmail.com)

// Copyright (c) 2020 Krystian Stasiowski (sdkrystian@gmail.com)

//

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// file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

//

// Official repository: <https://github.com/boostorg/json>

//

#ifndef BOOST\_JSON\_DETAIL\_IMPL\_STRING\_IMPL\_IPP

#define BOOST\_JSON\_DETAIL\_IMPL\_STRING\_IMPL\_IPP

#include <boost/json/detail/string\_impl.hpp>

#include <boost/json/detail/except.hpp>

#include <cstring>

#include <functional>

BOOST\_JSON\_NS\_BEGIN

namespace detail {

inline

bool

ptr\_in\_range(

const char\* first,

const char\* last,

const char\* ptr) noexcept

{

return std::less<const char\*>(ptr, last) &&

std::greater\_equal<const char\*>(ptr, first);

}

string\_impl::

string\_impl() noexcept

{

s\_.k = short\_string\_;

s\_.buf[sbo\_chars\_] =

static\_cast<char>(

sbo\_chars\_);

s\_.buf[0] = 0;

}

```

string_impl::
string_impl(
    std::size_t size,
    storage_ptr const& sp)
{
    if(size <= sbo_chars_)
    {
        s_.k = short_string_;
        s_.buf[sbo_chars_] =
            static_cast<char>(
                sbo_chars_ - size);
        s_.buf[size] = 0;
    }
    else
    {
        s_.k = kind::string;
        auto const n = growth(
            size, sbo_chars_ + 1);
        p_.t = ::new(sp->allocate(
            sizeof(table) +
            n + 1,
            alignof(table))) table{
            static_cast<
                std::uint32_t>(size),
            static_cast<
                std::uint32_t>(n)};
        data()[n] = 0;
    }
}

```

// construct a key, unchecked

```

string_impl::
string_impl(
    key_t,
    string_view s,
    storage_ptr const& sp)
{
    BOOST_ASSERT(
        s.size() <= max_size());
    k_.k = key_string_;
    k_.n = static_cast<
        std::uint32_t>(s.size());
    k_.s = reinterpret_cast<char*>(
        sp->allocate(s.size() + 1,
            alignof(char));
    k_.s[s.size()] = 0; // null term
    std::memcpy(&k_.s[0],

```

```

        s.data(), s.size());
    }

// construct a key, unchecked
string_impl::
string_impl(
    key_t,
    string_view s1,
    string_view s2,
    storage_ptr const& sp)
{
    auto len = s1.size() + s2.size();
    BOOST_ASSERT(len <= max_size());
    k_.k = key_string_;
    k_.n = static_cast<
        std::uint32_t>(len);
    k_.s = reinterpret_cast<char*>(
        sp->allocate(len + 1,
            alignof(char)));
    k_.s[len] = 0; // null term
    std::memcpy(&k_.s[0],
        s1.data(), s1.size());
    std::memcpy(&k_.s[s1.size()],
        s2.data(), s2.size());
}

std::uint32_t
string_impl::
growth(
    std::size_t new_size,
    std::size_t capacity)
{
    if(new_size > max_size())
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // growth factor 2
    if( capacity >
        max_size() - capacity)
        return static_cast<
            std::uint32_t>(max_size()); // overflow
    return static_cast<std::uint32_t>(
        (std::max)(capacity * 2, new_size));
}

char*
string_impl::
assign(

```

```

std::size_t new_size,
storage_ptr const& sp)
{
if(new_size > capacity())
{
string_impl tmp(growth(
new_size,
capacity()), sp);
destroy(sp);
*this = tmp;
}
term(new_size);
return data();
}

char*
string_impl::
append(
std::size_t n,
storage_ptr const& sp)
{
if(n > max_size() - size())
detail::throw_length_error(
"string too large",
BOOST_CURRENT_LOCATION);
if(n <= capacity() - size())
{
term(size() + n);
return end() - n;
}
string_impl tmp(growth(
size() + n, capacity()), sp);
std::memcpy(
tmp.data(), data(), size());
tmp.term(size() + n);
destroy(sp);
*this = tmp;
return end() - n;
}

void
string_impl::
insert(
std::size_t pos,
const char* s,
std::size_t n,
storage_ptr const& sp)
{

```

```

const auto curr_size = size();
if(pos > curr_size)
    detail::throw_out_of_range(
        BOOST_CURRENT_LOCATION);
const auto curr_data = data();
if(n <= capacity() - curr_size)
{
    const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
    if (!inside || (inside && ((s - curr_data) + n <= pos)))
    {
        std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
        std::memcpy(&curr_data[pos], s, n);
    }
    else
    {
        const std::size_t offset = s - curr_data;
        std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
        if (offset < pos)
        {
            const std::size_t diff = pos - offset;
            std::memcpy(&curr_data[pos], &curr_data[offset], diff);
            std::memcpy(&curr_data[pos + diff], &curr_data[pos + n], n - diff);
        }
        else
        {
            std::memcpy(&curr_data[pos], &curr_data[offset + n], n);
        }
    }
    size(curr_size + n);
}
else
{
    if(n > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    string_impl tmp(growth(
        curr_size + n, capacity()), sp);
    tmp.size(curr_size + n);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n,
        curr_data + pos,
        curr_size + 1 - pos);
    std::memcpy(

```

```

        tmp.data() + pos,
        s,
        n);
    destroy(sp);
    *this = tmp;
}
}

char*
string_impl::
insert_unchecked(
    std::size_t pos,
    std::size_t n,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    if(n <= capacity() - size())
    {
        auto const dest =
            curr_data + pos;
        std::memmove(
            dest + n,
            dest,
            curr_size + 1 - pos);
        size(curr_size + n);
        return dest;
    }
    if(n > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    string_impl tmp(growth(
        curr_size + n, capacity()), sp);
    tmp.size(curr_size + n);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n,
        curr_data + pos,
        curr_size + 1 - pos);
    destroy(sp);
    *this = tmp;
}

```

```

    return data() + pos;
}

void
string_impl::
replace(
    std::size_t pos,
    std::size_t n1,
    const char* s,
    std::size_t n2,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if (pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    n1 = (std::min)(n1, curr_size - pos);
    const auto delta = (std::max)(n1, n2) -
        (std::min)(n1, n2);
    // if we are shrinking in size or we have enough
    // capacity, dont reallocate
    if (n1 > n2 || delta <= capacity() - curr_size)
    {
        const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
        // there is nothing to replace; return
        if (inside && s == curr_data + pos && n1 == n2)
            return;
        if (!inside || (inside && ((s - curr_data) + n2 <= pos)))
        {
            // source outside
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
            std::memcpy(&curr_data[pos], s, n2);
        }
    }
    else
    {
        // source inside
        const std::size_t offset = s - curr_data;
        if (n2 >= n1)
        {
            // grow/unchanged
            const std::size_t diff = offset <= pos + n1 ? (std::min)((pos + n1) - offset, n2) : 0;
            // shift all right of splice point by n2 - n1 to the right
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
            // copy all before splice point
            std::memmove(&curr_data[pos], &curr_data[offset], diff);
            // copy all after splice point
            std::memmove(&curr_data[pos + diff], &curr_data[(offset - n1) + n2 + diff], n2 - diff);
        }
    }
}

```

```

    }
    else
    {
        // shrink
        // copy all elements into place
        std::memmove(&curr_data[pos], &curr_data[offset], n2);
        // shift all elements after splice point left
        std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
    }
}
size((curr_size - n1) + n2);
}
else
{
    if (delta > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // would exceed capacity, reallocate
    string_impl tmp(growth(
        curr_size + delta, capacity()), sp);
    tmp.size(curr_size + delta);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n2,
        curr_data + pos + n1,
        curr_size - pos - n1 + 1);
    std::memcpy(
        tmp.data() + pos,
        s,
        n2);
    destroy(sp);
    *this = tmp;
}
}

```

// unlike the replace overload, this function does

// not move any characters

char\*

string\_impl::

replace\_unchecked(

std::size\_t pos,

std::size\_t n1,

std::size\_t n2,

storage\_ptr const& sp)

```

{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    const auto delta = (std::max)(n1, n2) -
        (std::min)(n1, n2);
    // if the size doesn't change, we don't need to
    // do anything
    if (!delta)
        return curr_data + pos;
    // if we are shrinking in size or we have enough
    // capacity, dont reallocate
    if(n1 > n2 || delta <= capacity() - curr_size)
    {
        auto const replace_pos = curr_data + pos;
        std::memmove(
            replace_pos + n2,
            replace_pos + n1,
            curr_size - pos - n1 + 1);
        size((curr_size - n1) + n2);
        return replace_pos;
    }
    if(delta > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // would exceed capacity, reallocate
    string_impl tmp(growth(
        curr_size + delta, capacity()), sp);
    tmp.size(curr_size + delta);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n2,
        curr_data + pos + n1,
        curr_size - pos - n1 + 1);
    destroy(sp);
    *this = tmp;
    return data() + pos;
}

void
string_impl::
shrink_to_fit(

```

```

storage_ptr const& sp) noexcept
{
    if(s._k == short_string_)
        return;
    auto const t = p._t;
    if(t->size <= sbo_chars_)
    {
        s._k = short_string_;
        std::memcpy(
            s._buf, data(), t->size);
        s._buf[sbo_chars_] =
            static_cast<char>(
                sbo_chars_ - t->size);
        s._buf[t->size] = 0;
        sp->deallocate(t,
            sizeof(table) +
            t->capacity + 1,
            alignof(table));
        return;
    }
    if(t->size >= t->capacity)
        return;
#ifdef BOOST_NO_EXCEPTIONS
    try
    {
#endif
        string_impl tmp(t->size, sp);
        std::memcpy(
            tmp.data(),
            data(),
            size());
        destroy(sp);
        *this = tmp;
#ifdef BOOST_NO_EXCEPTIONS
    }
    catch(std::exception const&)
    {
        // eat the exception
    }
#endif
}

} // detail
BOOST_JSON_NS_END

#endif

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/impl/string\_impl.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/functors.hpp

[begin\_description]

some functors for the iterator based integrate routines

[end\_description]

Copyright 2009-2013 Karsten Ahnert

Copyright 2009-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/functors.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/functors.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::less`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/less.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) 2001-2011 Hartmut Kaiser

<http://spirit.sourceforge.net/>

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/real\_impl.hpp

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/\*=====

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/Phoenix/core/detail/expression.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::any`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/any.hpp

No license file was found, but licenses were detected in source scan.

/\* The following code declares class array,

\* an STL container (as wrapper) for arrays of constant size.

\*

\* See

\* <http://www.boost.org/libs/array/>

\* for documentation.

\*

\* The original author site is at: <http://www.josuttis.com/>

\*

\* (C) Copyright Nicolai M. Josuttis 2001.

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

- \* 9 Jan 2013 - (mtc) Added constexpr
- \* 14 Apr 2012 - (mtc) Added support for boost::hash
- \* 28 Dec 2010 - (mtc) Added cbegin and cend (and crbegin and crend) for C++Ox compatibility.
- \* 10 Mar 2010 - (mtc) fill method added, matching resolution of the standard library working group.
- \* See <<http://www.open-std.org/jtc1/sc22/wg21/docs/lwg-defects.html#776>> or Trac issue #3168
- \* Eventually, we should remove "assign" which is now a synonym for "fill" (Marshall Clow)
- \* 10 Mar 2010 - added workaround for SUNCC and !STLPort [trac #3893] (Marshall Clow)
- \* 29 Jan 2004 - c\_array() added, BOOST\_NO\_PRIVATE\_IN\_AGGREGATE removed (Nico Josuttis)
- \* 23 Aug 2002 - fix for Non-MSVC compilers combined with MSVC libraries.
- \* 05 Aug 2001 - minor update (Nico Josuttis)
- \* 20 Jan 2001 - STLport fix (Beman Dawes)
- \* 29 Sep 2000 - Initial Revision (Nico Josuttis)
- \*
- \* Jan 29, 2004
- \*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/array.hpp  
 No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp

[begin\_description]

Implementation of the Dense-output stepper for all steppers. Note, that this class does not computes the result but serves as an interface.

[end\_description]

Copyright 2011-2013 Karsten Ahnert  
 Copyright 2011-2015 Mario Mulansky  
 Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp  
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/\* boost nondet\_random.hpp header file

\*

\* Copyright Jens Maurer 2000

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\* accompanying file LICENSE\_1\_0.txt or copy at

```
* http://www.boost.org/LICENSE_1_0.txt)
*
* $Id$
*
* Revision history
* 2000-02-18 Portability fixes (thanks to Beman Dawes)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/nondet_random.hpp
```

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```
/*-----+
Copyright (c) 2010-2011: Joachim Faulhaber
+-----+
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(See accompanying file LICENCE.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/type_traits/infinity.hpp
```

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```
//
// Copyright (c) 2017 James E. King III
//
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// https://www.boost.org/LICENSE_1_0.txt)
//
// "A Replacement Call for Random"
// https://man.openbsd.org/arc4random.3
//
```

```
#include <cstdint>
#include <stdlib.h>
```

```
namespace boost {
namespace uuids {
namespace detail {
```

```
class random_provider_base
{
public:
    //! Obtain entropy and place it into a memory location
```

```
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        arc4random_buf(buf, siz);
    }
};

} // detail
} // uuids
} // boost
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_arc4random.ipp

No license file was found, but licenses were detected in source scan.

```
/*=====
    Copyright (c) 2001, Daniel C. Nuffer
    Copyright (c) 2003, Hartmut Kaiser
    http://spirit.sourceforge.net/
```

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/fixed\_size\_queue.hpp

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zip/1.75.0/include/boost/move/make\_unique.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/unique\_ptr.hpp

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```
/*
```

[auto\_generated]  
boost/numeric/odeint/algebra/detail/macros.hpp

[begin\_description]  
Some macros for type checking.  
[end\_description]

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/\*!  
@file  
Defines `boost::hana::first`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/hash.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/hash.hpp  
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zip/1.75.0/include/boost/spirit/home/qi/numeric/int.hpp

```

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```

/*!
@file
Defines `boost::hana::detail::unpack_flatten`.

```

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/\*!

@file

Forward declares `boost::hana::take\_back`.

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Thanks to Nevin for his comments/help.

\*/

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/\*

[auto\_generated]

boost/numeric/odeint/util/unwrap\_reference.hpp

[begin\_description]

unwrap\_reference

[end\_description]

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zip/1.75.0/include/boost/fusion/view/nview/nview\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/nview.hpp  
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/\*!

@file

Forward declares `boost::hana::erase\_key`.

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/\* Boost interval/io.hpp header file

\*

\* This file is only meant to provide a quick  
\* implementation of the output operator. It is  
\* provided for test programs that aren't even

\* interested in the precision of the results.  
\* A real program should define its own operators  
\* and never include this header.  
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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the abstract lexer interface

http://www.boost.org/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_interface\_generator.hpp  
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zip/1.75.0/include/boost/fusion/support/is\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/at.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/set\_forward\_ctor.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/clear.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/detail/clear.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/adapt\_deref\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/filter\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/transform\_view\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/has\_key.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/view/transform\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/value\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/empty.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/replace\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/action.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/deref\_impl.hpp  
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zip/1.75.0/include/boost/fusion/view/filter\_view/detail/deref\_impl.hpp  
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zip/1.75.0/include/boost/fusion/algorithm/transformation/transform.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/build\_cons.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/begin.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/end\_impl.hpp  
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zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/list\_to\_cons\_call.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/tag\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/replace\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/fusion/sequence/intrinsic/back.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/end.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/value\_at.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/map\_forward\_ctor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/distance.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/count.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/begin\_impl.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/is\_invocable\_impl.hpp

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@file

Adapts `std::integral_constant` for use with Hana.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/integral\_constant.hpp

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DO NOT INCLUDE THIS HEADER DIRECTLY

BOOST\_CLBL\_TRTS\_INCLUDE\_QUALIFIERS - the function-level qualifiers for the  
current inclusion (combinations of `const`, `volatile`, `&`, `&&`, or nothing)

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the `transaction_safe` specifier for  
the current include (`transaction_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true_type` or `std::false_type`,  
tied on whether `BOOST_CLBL_TRTS_INCLUDE_TRANSACTION_SAFE` is `transaction_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction_safe` when  
`BOOST_CLBL_TRTS_ENABLE_TRANSACTION_SAFE` is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the `noexcept` specifier for  
the current include (`noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if  
BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_4.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/flex\_string.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/android.h

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/\* A less simple result type

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File Created: June 2017

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zip/1.75.0/include/boost/outcome/std\_outcome.hpp

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/\*!

@file

Forward declares `boost::hana::unique`.

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zip/1.75.0/include/boost/hana/fwd/unique.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_loader.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnk\_index\_ops.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/bidir\_node\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/duplicates\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_node\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_node.hpp

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```
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org/libs/flyweight for library home page.  
*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/static\_holder.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/nested\_xxx\_if\_not\_ph.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/set\_factory.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/is\_placeholder\_expr.hpp

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```
/*  
* Copyright 2017 Andrey Semashev  
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*  
* This header is deprecated, use boost/winapi/get_current_process.hpp instead.  
*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process.hpp

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```
/**
 * -*- c++ -*-
 *
 * \file iterator_type.hpp
 *
 * \brief Iterator to a given container type.
 *
 * Copyright (c) 2009, Marco Guazzone
 *
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 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/traits/iterator_type.hpp
```

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```
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```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/auto.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/copy.hpp
```

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```
/*!
 @file
 Defines `boost::hana::drop_while`.

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 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/drop_while.hpp
```

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```
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Author: Joachim Faulhaber
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+-----+
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http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/detail/design_config.hpp
```

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```
/* boost random/detail/niederreiter_base2_table.hpp header file
```

```
*
```

```
* Copyright Justinas Vygintas Daugmaudis 2010-2018
```

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```

```
* accompanying file LICENSE_1_0.txt or copy at
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* http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/niederreiter_base2_table.hpp
```

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```
/* Traits for Outcome
```

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```

```
File Created: March 2018
```

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/trait.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/repeat.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/alternative.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/sequence.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/list.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/plus.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/expect.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/kleene.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/pass\_container.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/no\_skip.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/sequence\_base.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/optional.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/support/char\_class.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/parse.hpp  
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/\*!

@file

Defines configuration macros used throughout the library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/config.hpp

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/\* boost random/binomial\_distribution.hpp header file

\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/binomial\_distribution.hpp

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/\*!

@file

Forward declares `boost::hana::remove\_range` and `boost::hana::remove\_range\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_range.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::replicate`.
```

```
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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/replicate.hpp
```

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```
/*-----+
```

```
Copyright (c) 2008-2009: Joachim Faulhaber
```

```
+-----+
```

```
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```

```
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```

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http://www.boost.org/LICENSE\_1\_0.txt)
```

```
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/subset_comparer.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/gregorian.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type_traits/difference.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type_traits/difference_type_of.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/ptime.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type_traits/rep_type_of.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/element_comparer.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval_subset_comparer.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/rational.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval_morphism.hpp
```

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```
/*!
```

```
@file
```

```
Defines macros for commonly used type traits.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/intrinsics.hpp  
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/\*!  
@file  
Forward declares `boost::hana::at\_key`.

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Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/at\_key.hpp  
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/\*!  
@file  
Forward declares `boost::hana::cycle`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/cycle.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/extension.hpp

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/\* Boost interval/detail/alpha\_rounding\_control.hpp file

\*

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/alpha\_rounding\_control.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold.hpp

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/\*!

@file

Defines `boost::hana::intersection`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/intersection.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_operations.hpp

[begin\_description]

Operations of thrust zipped iterators. Is the counterpart of the thrust\_algebra.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations.hpp

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\*

\* This header is deprecated, use boost/winapi/init\_once.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/detail/winapi/init\_once.hpp

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/\*!

@file

Defines `boost::hana::detail::nested_to``.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested_to.hpp
```

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```
/* boost random/uniform_int.hpp header file
```

```
*
```

```
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```

```
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```

```
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```

```
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```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
* Revision history
```

```
* 2001-04-08 added min<max assertion (N. Becker)
```

```
* 2001-02-18 moved to individual header files
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform_int.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::take_front` and `boost::hana::take_front_c`.
```

```
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```

```
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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/take_front.hpp
```

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```
// Copyright 2005 Eric Niebler, Daniel Egloff. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/value_accumulator.hpp
```

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```
/* boost integer_traits.hpp header file
```

```
*
```

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\*  
\* \$Id\$  
\*  
\* Idea by Beman Dawes, Ed Brey, Steve Cleary, and Nathan Myers  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer\_traits.hpp

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/\* Boost interval/ext/integer.hpp template implementation file

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/ext/integer.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/container/detail/container.hpp

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/\*!

@file

Defines `boost::hana::drop\_front`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/drop\_front.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/\_cassert.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/\_exception.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/test.h

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@file

Forward declares `boost::hana::to` and related utilities.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/to.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_predefined\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_no\_predefined\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_predefined\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_no\_predefined\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_no\_predefined\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_predefined\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_predefined\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_no\_predefined\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_no\_predefined\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument\_predefined\_30.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp

[begin\_description]

Coefficients for the Adams Moulton method.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/pause.hpp

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returns.h

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zip/1.75.0/include/boost/hof/returns.hpp

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@file

Forward declares `boost::hana::at` and `boost::hana::at\_c`.

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\*

\* This header is deprecated, use boost/winapi/character\_code\_conversion.hpp instead.

\*/

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@file

Defines `boost::hana::all`.

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/\* boost random/ranlux.hpp header file

\*

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\* \$Id\$

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\* Revision history

\* 2001-02-18 created

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@file

Defines `boost::hana::detail::fast\_and`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/control/expr\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/selection/max.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/limits/for\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/limits/inc\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/comparison/less.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/detail/edg/limits/for\_512.hpp  
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zip/1.75.0/include/boost/preprocessor/list/detail/limits/fold\_right\_1024.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/preprocessor/comparison/greater\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical/or.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/detail/for.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical/and.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/list/to\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/repeat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/list/limits/fold\_left\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/reverse\_64.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/expand.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/detail/limits/for\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/elem.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/limits/dec\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/algorithm/cxx17/transform\_reduce.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/transform\_exclusive\_scan.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/exclusive\_scan.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/reduce.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/for\_each\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/transform\_inclusive\_scan.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/inclusive\_scan.hpp  
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Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the various language support constants

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Forward declares `boost::hana::back`.

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\* NOTE: internalized from Boost.MultiIndex

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zip/1.75.0/include/boost/multiprecision/detail/float\_string\_cvt.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/ublas\_interop.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float/io.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/serialize.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float/transcendental.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/literals.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/bitscan.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/float128.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/value\_pack.hpp

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@file

Defines `boost::hana::detail::has\_duplicates`.

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Defines `boost::hana::Functor`.

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zip/1.75.0/include/boost/hana/concept/functor.hpp

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[auto\_generated]

boost/numeric/odeint/external/eigen/eigen\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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@file

Master header for the `boost/hana/concept` subdirectory.

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```
/*!
@file
Forward declares `boost::hana::not_`.
```

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```
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\*

\* This header is deprecated, use boost/winapi/error\_handling.hpp instead.

\*/

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zip/1.75.0/include/boost/type\_traits/negation.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_scoped\_enum.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/conjunction.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_unscoped\_enum.hpp

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zip/1.75.0/include/boost/type\_traits/disjunction.hpp

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zip/1.75.0/include/boost/type\_traits/is\_trivially\_copyable.hpp

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[auto\_generated]

boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

[begin\_description]

Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_n\_steps.hpp

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@file

Forward declares `boost::hana::hash`.

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zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base_assoc_attr_filler.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_auto.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt_base_attr_filler.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_is_tpl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base_attr_filler.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt_base_assoc_attr_filler.hpp
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```

```
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#ifndef BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED
#define BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED

// forward definitions of the producer metafunctions that need to be specialized for
// each graph representation

namespace boost {
namespace msm {
namespace mpl_graph {
namespace detail {

// Edge->Target map for a Source for out_*, degree
template<typename RepresentationTag, typename Source, typename GraphData>
struct produce_out_map;

// Edge->Source map for a Target for in_*, degree
template<typename RepresentationTag, typename Target, typename GraphData>
struct produce_in_map;
```

```

// Edge->pair<Source,Target> map for source, target
template<typename RepresentationTag, typename GraphData>
struct produce_edge_st_map;

// Vertex set for VertexListGraph
template<typename RepresentationTag, typename GraphData>
struct produce_vertex_set;

// Edge set for EdgeListGraph
template<typename RepresentationTag, typename GraphData>
struct produce_edge_set;

} // namespaces
}
}
}

#endif //
BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/msm/mpl_graph/detail/graph_implementation_interface.ipp

```

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```

/*!

```

```

@file

```

Forward declares `boost::hana::take\_front` and `boost::hana::take\_front\_c`.

```

@copyright Louis Dionne 2013-2017

```

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```

*/

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/take_front.hpp

```

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```

/* *****

```

```

# *

```

```

*

```

```

# * (C) Copyright Edward Diener 2019.

```

```

*

```

```

# * Distributed under the Boost Software License, Version 1.0. (See

```

```

*

```

```

# * accompanying file LICENSE_1_0.txt or copy at

```

```

*

```

```

# * http://www.boost.org/LICENSE\_1\_0.txt

```

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# *

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```

# ***** */

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/detail/has\_opt.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/has\_opt.hpp

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/\*!

@file

Defines `boost::hana::lexicographical\_compare`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/lexicographical\_compare.hpp

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/\* boost random/detail/gray\_coded\_qrng.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/gray\_coded\_qrng.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp

[begin\_description]

Definition of the coefficients for the Adams-Bashforth method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp  
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/\* A very simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (14 commits)

File Created: June 2017

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/basic\_result.hpp  
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/\*!

@file

Defines `boost::hana::flatten`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/flatten.hpp

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zip/1.75.0/include/boost/atomic/detail/link.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/explicit\_generic\_rk.hpp

[begin\_description]

Implementation of the generic Runge-Kutta steppers. This is the base class for many Runge-Kutta steppers.

[end\_description]

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Copyright 2011-2013 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/explicit\_generic\_rk.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/smart\_ptr/detail/spinlock\_sync.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/included/unit\_test.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono/detail/inlined/win/process\_cpu\_clocks.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/system/api\_config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/filesystem/string\_file.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/config/helper\_macros.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/config/stdlib/xlcpp\_zos.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono/detail/static\_assert.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/utills/custom\_manip.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/chrono/detail/system.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_base\_gcc\_sparc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/test/data/monomorphic/generators/xrange.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/ratio/ratio\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/cxx11\_char\_types.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/impl/unit\_test\_monitor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/utills/is\_cstring.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/test\_case\_template.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/debug.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/add\_lvalue\_reference.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/test/data/monomorphic/sample\_merge.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/chrono/detail/no_warning/signed_unsigned_cmp.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/external/mpi/mpi_nested_algebra.hpp
```

```
[begin_description]
Nested parallelized algebra for MPI.
[end_description]
```

```
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*/
```

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* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi_nested_algebra.hpp
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```

```
/*!
```

@file

Forward declares `boost::hana::less\_equal`.

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zip/1.75.0/include/boost/hana/fwd/less\_equal.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate.hpp

[begin\_description]

Convenience methods which choose the stepper for the current ODE.

[end\_description]

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/\*

@file is\_transaction\_safe

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_transaction\_safe.hpp

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```
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-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/grammar.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Metafunction`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/metafunction.hpp  
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```
/*-----+
```

```
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```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval_base_map.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/split_interval_map.hpp  
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```

```
/*-----
```

```
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```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/flush\_multi\_pass.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/next\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/value\_of\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/deref\_impl.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_intlit\_grammar.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cplexer/token\_cache.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_chlit\_grammar.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/symbol\_table.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_ifblock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/interpret\_pragma.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_grammar\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cplexer/cplexer\_exceptions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_literal\_grammar\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/preprocessing\_hooks.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/iteration\_context.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_value\_error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/macro\_helpers.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/filesystem\_compatibility.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/transform\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_throw.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/time\_conversion\_helper.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_exceptions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/macro\_definition.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/functor\_input.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_include\_paths.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar.hpp  
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/\*!

@file

Forward declares `boost::hana::zero`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zero.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/parser\_names.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/assert.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/minimal.hpp

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@file

Defines function-like equivalents to the standard ``<type_traits>``, and also  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/traits.hpp  
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```
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    http://www.boost.org/LICENSE\_1\_0.txt)  
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```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/concept\_check.hpp  
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```
/*  
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*  
* This header is deprecated, use boost/winapi/basic_types.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/winapi/basic\_types.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/deque/detail/convert\_impl.hpp

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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_parser.hpp
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::zip_shortest`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/zip_shortest.hpp
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```
/*
```

```
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```

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(glenjofe@gmail.com)
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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/pointer_traits.hpp
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::drop_front_exactly`.
```

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zip/1.75.0/include/boost/hana/fwd/drop\_front\_exactly.hpp

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@file

Defines `boost::hana::at\_key`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/at\_key.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail\_variate.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/split\_adaptor.hpp

[begin\_description]

A range adaptor which returns even-sized slices.

[end\_description]

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Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/split\_adaptor.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/urmfps.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/gins8.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/aea.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/moll.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/larr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/goode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/qsc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/nell\_h.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/etmerc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/fouc\_s.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/latlong.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/wag7.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/impl/pj\_apply\_gridshift.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/boggs.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/cass.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/impl/pj\_gauss.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/sterea.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/tcc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/loxim.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/ocea.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/lask.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/eck3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/tpeqd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/krovak.hpp  
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[auto\_generated]

boost/numeric/odeint/stepper/extrapolation\_stepper.hpp

[begin\_description]

extrapolation stepper

[end\_description]

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\*  
\* This header is deprecated, use boost/winapi/page\_protection\_flags.hpp instead.  
\*/

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/\* A partial result based on std::variant and proposed std::error  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/error\_codes.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/iterator/adaptive\_iterator.hpp

[begin\_description]

Iterator for iterating throught the solution of an ODE with adaptive step size. The dereferenced types contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/adaptive\_iterator.hpp

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The class boost::spirit::hold\_any is built based on the any class published here: [http://www.codeproject.com/cpp/dynamic\\_typing.asp](http://www.codeproject.com/cpp/dynamic_typing.asp). It adds support for std streaming operator<<() and operator>>().

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/hold\_any.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/uniform_int_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-04-08 added min<max assertion (N. Becker)
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_int\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2016 Klemens D. Morgenstern
* Copyright 2016 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/priority_class.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* A very simple result type
```

```
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (11 commits)
```

```
File Created: Apr 2018
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status_result.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::ap`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/ap.hpp

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/\*!

@file

Defines the barebones `boost::hana::integral\_constant` template, but no  
operations on it.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/integral\_constant.hpp

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/\*!

@file

Defines `boost::hana::sum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/sum.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/position\_iterator\_fwd.hpp

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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/value_at_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::remove`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/remove.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
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```

```
* See http://www.boost.org/LICENSE_1_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/bcrypt.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/bcrypt.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 2006-2011 Joaquin M Lopez Munoz.
```

```
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```
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```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* See http://www.boost.org/libs/flyweight for library home page.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/intermodule\_holder.hpp

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```
/*=====
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first_of.h
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/first\_of.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Error observers for a very simple basic_result type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/outcome/detail/basic\_result\_error\_observers.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/directive/skip.hpp

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/\*!

@file

Forward declares `boost::hana::zip\_shortest\_with`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/zip\_shortest\_with.hpp

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```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate\_fwd.hpp

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/\* boost random/piecewise\_linear\_distribution.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_linear\_distribution.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/advanced\_insert\_int.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/variadic\_templates\_tools.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/node\_allocator.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/at.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/function\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/include/joint\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/as\_actor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/limits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_function\_object.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/include/as\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/push\_front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/join.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/single\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_40.hpp  
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```
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Copyright (c) 2001-2011 Hartmut Kaiser
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/version.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/version.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/version.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Policies for result and outcome
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits) and Andrzej Krzemieski
<akrzemi1@gmail.com> (1 commit)
File Created: Oct 2017
```

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/base.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/map\_algo.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/std\_set.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/check\_empty.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/va_opt.hpp
```

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```
/* A very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (8 commits)
```

```
File Created: June 2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/std_result.hpp
```

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```
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```

```
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```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/thread_mutex.hpp
```

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```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/next\_impl.hpp

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@file

Forward declares `boost::hana::if\_`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/if.hpp

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zip/1.75.0/include/boost/winapi/dll.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/make\_dense\_output.hpp

[begin\_description]

Factory function to simplify the creation of dense output steppers from error steppers.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/make\_dense\_output.hpp

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Phoenix V1.2.1

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuple\_helpers.hpp

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Forward declares `boost::hana::symmetric\_difference`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_eval\_result\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_30.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/allocate\_local\_shared\_array.hpp

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@file

Forward declares `boost::hana::drop\_back`.

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zip/1.75.0/include/boost/hana/fwd/drop\_back.hpp

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repeat\_while.h

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/repeat\_while.hpp

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@file

Defines `boost::hana::zero`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_mingw.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/allocator\_access.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/base/algebra\_stepper\_base.hpp

[begin\_description]

Base class for all steppers with an algebra and operations.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/algebra\_stepper\_base.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/multi\_array\_adaption.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/multi\_array\_adaption.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def.hpp

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/\* boost random/random\_number\_generator.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/random\_number\_generator.hpp

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[auto\_generated]

boost/numeric/odeint/util/odeint\_error.hpp

[begin\_description]

Runtime Exceptions thrown by odeint

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/odeint\_error.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/new\_allocator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/iterator\_to\_raw\_pointer.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/simple\_swap.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/nothrow.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/move/detail/placement_new.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/interprocess/detail/std_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/next_capacity.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/alloc_helpers.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/placement_new.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/iterator_to_raw_pointer.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/addressof.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::Ring`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/ring.hpp
```

```
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::is_subset`.
```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/is_subset.hpp
```

```
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```

```
/*=====
```

```
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```

```
Copyright (c) 2005 Dan Marsden
```

```
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```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/stl.hpp

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```
//
// ip/impl/address_v6.ipp
// ~~~~~
//
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
//
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//
```

```
#ifndef BOOST_ASIO_IP_IMPL_ADDRESS_V6_IPP
#define BOOST_ASIO_IP_IMPL_ADDRESS_V6_IPP

#if defined(_MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
#include <boost/asio/detail/config.hpp>
#include <cstring>
#include <stdexcept>
#include <typeinfo>
#include <boost/asio/detail/socket_ops.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/error.hpp>
#include <boost/asio/ip/address_v6.hpp>
#include <boost/asio/ip/bad_address_cast.hpp>
```

```
#include <boost/asio/detail/push_options.hpp>
```

```
namespace boost {
namespace asio {
namespace ip {
```

```
address_v6::address_v6() BOOST_ASIO_NOEXCEPT
: addr_(),
  scope_id_(0)
{
}
```

```

address_v6::address_v6(const address_v6::bytes_type& bytes,
    unsigned long scope)
    : scope_id_(scope)
    {
#if UCHAR_MAX > 0xFF
    for (std::size_t i = 0; i < bytes.size(); ++i)
    {
        if (bytes[i] > 0xFF)
        {
            std::out_of_range ex("address_v6 from bytes_type");
            boost::asio::detail::throw_exception(ex);
        }
    }
#endif // UCHAR_MAX > 0xFF

    using namespace std; // For memcpy.
    memcpy(addr_.s6_addr, bytes.data(), 16);
}

address_v6::address_v6(const address_v6& other) BOOST_ASIO_NOEXCEPT
    : addr_(other.addr_),
      scope_id_(other.scope_id_)
    {
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6::address_v6(address_v6&& other) BOOST_ASIO_NOEXCEPT
    : addr_(other.addr_),
      scope_id_(other.scope_id_)
    {
}
#endif // defined(BOOST_ASIO_HAS_MOVE)

address_v6& address_v6::operator=(const address_v6& other) BOOST_ASIO_NOEXCEPT
    {
    addr_ = other.addr_;
    scope_id_ = other.scope_id_;
    return *this;
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6& address_v6::operator=(address_v6&& other) BOOST_ASIO_NOEXCEPT
    {
    addr_ = other.addr_;
    scope_id_ = other.scope_id_;
    return *this;
}
#endif // defined(BOOST_ASIO_HAS_MOVE)

```

```

address_v6::bytes_type address_v6::to_bytes() const BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcpy.
    bytes_type bytes;
    #if defined(BOOST_ASIO_HAS_STD_ARRAY)
        memcpy(bytes.data(), addr_.s6_addr, 16);
    #else // defined(BOOST_ASIO_HAS_STD_ARRAY)
        memcpy(bytes.elems, addr_.s6_addr, 16);
    #endif // defined(BOOST_ASIO_HAS_STD_ARRAY)
    return bytes;
}

std::string address_v6::to_string() const
{
    boost::system::error_code ec;
    char addr_str[boost::asio::detail::max_addr_v6_str_len];
    const char* addr =
        boost::asio::detail::socket_ops::inet_ntop(
            BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
            boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
    if (addr == 0)
        boost::asio::detail::throw_error(ec);
    return addr;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
std::string address_v6::to_string(boost::system::error_code& ec) const
{
    char addr_str[boost::asio::detail::max_addr_v6_str_len];
    const char* addr =
        boost::asio::detail::socket_ops::inet_ntop(
            BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
            boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
    if (addr == 0)
        return std::string();
    return addr;
}

address_v4 address_v6::to_v4() const
{
    if (!is_v4_mapped() && !is_v4_compatible())
    {
        bad_address_cast ex;
        boost::asio::detail::throw_exception(ex);
    }

    address_v4::bytes_type v4_bytes = { { addr_.s6_addr[12],

```

```

    addr_.s6_addr[13], addr_.s6_addr[14], addr_.s6_addr[15] } };
return address_v4(v4_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

bool address_v6::is_loopback() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 1));
}

bool address_v6::is_unspecified() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 0));
}

bool address_v6::is_link_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0x80));
}

bool address_v6::is_site_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0xc0));
}

bool address_v6::is_v4_mapped() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0xff) && (addr_.s6_addr[11] == 0xff));
}

```

```

#if !defined(BOOST_ASIO_NO_DEPRECATED)
bool address_v6::is_v4_compatible() const
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
&& (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
&& (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
&& (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
&& (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
&& (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
&& !((addr_.s6_addr[12] == 0)
&& (addr_.s6_addr[13] == 0)
&& (addr_.s6_addr[14] == 0)
&& ((addr_.s6_addr[15] == 0) || (addr_.s6_addr[15] == 1))));
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

bool address_v6::is_multicast() const BOOST_ASIO_NOEXCEPT
{
return (addr_.s6_addr[0] == 0xff);
}

bool address_v6::is_multicast_global() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x0e));
}

bool address_v6::is_multicast_link_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x02));
}

bool address_v6::is_multicast_node_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x01));
}

bool address_v6::is_multicast_org_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x08));
}

bool address_v6::is_multicast_site_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x05));
}

bool operator==(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT

```

```

{
using namespace std; // For memcmp.
return memcmp(&a1.addr_, &a2.addr_,
    sizeof(boost::asio::detail::in6_addr_type)) == 0
    && a1.scope_id_ == a2.scope_id_;
}

bool operator<(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT
{
using namespace std; // For memcmp.
int memcmp_result = memcmp(&a1.addr_, &a2.addr_,
    sizeof(boost::asio::detail::in6_addr_type));
if (memcmp_result < 0)
    return true;
if (memcmp_result > 0)
    return false;
return a1.scope_id_ < a2.scope_id_;
}

address_v6 address_v6::loopback() BOOST_ASIO_NOEXCEPT
{
address_v6 tmp;
tmp.addr_.s6_addr[15] = 1;
return tmp;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
address_v6 address_v6::v4_mapped(const address_v4& addr)
{
address_v4::bytes_type v4_bytes = addr.to_bytes();
bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0xFF, 0xFF,
    v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
return address_v6(v6_bytes);
}

address_v6 address_v6::v4_compatible(const address_v4& addr)
{
address_v4::bytes_type v4_bytes = addr.to_bytes();
bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
    v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
return address_v6(v6_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

address_v6 make_address_v6(const char* str)
{
boost::system::error_code ec;
address_v6 addr = make_address_v6(str, ec);
}

```

```

boost::asio::detail::throw_error(ec);
return addr;
}

address_v6 make_address_v6(const char* str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    address_v6::bytes_type bytes;
    unsigned long scope_id = 0;
    if (boost::asio::detail::socket_ops::inet_pton(
        BOOST_ASIO_OS_DEF(AF_INET6), str, &bytes[0], &scope_id, ec) <= 0)
        return address_v6();
    return address_v6(bytes, scope_id);
}

address_v6 make_address_v6(const std::string& str)
{
    return make_address_v6(str.c_str());
}

address_v6 make_address_v6(const std::string& str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    return make_address_v6(str.c_str(), ec);
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

address_v6 make_address_v6(string_view str)
{
    return make_address_v6(static_cast<std::string>(str));
}

address_v6 make_address_v6(string_view str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    return make_address_v6(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

address_v4 make_address_v4(
    v4_mapped_t, const address_v6& v6_addr)
{
    if (!v6_addr.is_v4_mapped())
    {
        bad_address_cast ex;
        boost::asio::detail::throw_exception(ex);
    }
}

```

```

}

address_v6::bytes_type v6_bytes = v6_addr.to_bytes();
address_v4::bytes_type v4_bytes = { { v6_bytes[12],
    v6_bytes[13], v6_bytes[14], v6_bytes[15] } };
return address_v4(v4_bytes);
}

address_v6 make_address_v6(
    v4_mapped_t, const address_v4& v4_addr)
{
    address_v4::bytes_type v4_bytes = v4_addr.to_bytes();
    address_v6::bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
        0xFF, 0xFF, v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}

} // namespace ip
} // namespace asio
} // namespace boost

```

```
#include <boost/asio/detail/pop_options.hpp>
```

```
#endif // BOOST_ASIO_IP_IMPL_ADDRESS_V6_IPP
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/ip/impl/address_v6.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

Copyright 2007 Tobias Schwinger

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(glenjofe@gmail.com)

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([http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/functional/value_factory.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/functional/factory.hpp
```

No license file was found, but licenses were detected in source scan.

```
// Copyright David Abrahams 2009. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/backward_compatibility.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::CanonicalConstant`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/canonical_constant.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Copyright 2005 Daniel Egloff, Olivier Gygi. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p_square_cumul_dist.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2016 Paul Fultz II
```

```
noexcept.hpp
```

```
Distributed under the Boost Software License, Version 1.0. (See accompanying
```

```
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/noexcept.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/inversive_congruential.hpp header file
```

```
*/
```

```
* Copyright Jens Maurer 2000-2001
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*/
```

```
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/inversive_congruential.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::experimental::types`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/experimental/types.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
* Copyright 2017 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE\_1\_0.txt
*
* This header is deprecated, use boost/winapi/get_current_thread_id.hpp instead.
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/get_current_thread_id.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001-2010 Joel de Guzman
Copyright (c) 2001-2010 Hartmut Kaiser
Copyright (c) 2009 Francois Barel
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_nonterminal.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::scan\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/scan\_right.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****  
# *  
# * (C) Copyright Edward Diener 2014. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/detail/get\_data.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/detail/is\_single\_return.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/detail/is\_single\_return.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::remove\_range` and `boost::hana::remove\_range\_c`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/remove_range.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/vexcl/vexcl_same_instance.hpp
```

```
[begin_description]
```

Check if two VexCL containers are the same instance.

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl_same_instance.hpp
```

```
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl_same_instance.hpp
```

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```
/*=====
```

Boost.Wave: A Standard compliant C++ preprocessor library

A generic C++ lexer token definition

<http://www.boost.org/>

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp_lex_token.hpp
```

```
zip/1.75.0/include/boost/wave/cpplexer/cpp_lex_token.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::Comonad`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/comonad.hpp

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/\*!

@file

Defines `boost::hana::detail::hash\_table`.

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@copyright Jason Rice 2016

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/hash\_table.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/simple\_trace.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/unused.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eol.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/real\_policies.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eoi.hpp

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_associator\_base.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_increasing.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/operations\_dispatcher.hpp

[begin\_description]

Operations dispatcher to automatically chose suitable operations.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/operations\_dispatcher.hpp

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/\* boost random/detail/seed.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/detail/seed.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/seed\_impl.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 1998-2003 Joel de Guzman
Copyright (c) 2001-2003 Hartmut Kaiser
http://spirit.sourceforge.net

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::on`.

@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/on.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/algebra/algebra_dispatcher.hpp

[begin_description]
Algebra dispatcher to automatically chose suitable algebra.
[end_description]
```

Copyright 2013 Karsten Ahnert  
Copyright 2013 Mario Mulansky  
  
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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/algebra\_dispatcher.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::none`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/none.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

This is a strict lexer conforming to the Standard as close as possible.

It does not allow the '\$' to be part of identifiers. If you need the '\$'  
character in identifiers please include the lexer definition provided  
in the cpp.re file.

TODO:

handle errors better.

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/strict\_cpp\_re.inc

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/util/copy.hpp

[begin\_description]

Copy abstraction for the usage in the steppers.

[end\_description]

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Copyright 2011-2012 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/copy.hpp

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/\*!

@file

Defines `boost::hana::slice` and `boost::hana::slice\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/slice.hpp

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/\*=====

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

This is a lexer conforming to the Standard with a few exceptions.

So it does allow the '\$' to be part of identifiers. If you need strict  
Standards conforming behaviour, please include the lexer definition  
provided in the file strict\_cpp.re.

TODO:

handle errors better.

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re.inc  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::set`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/set.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2014 Paul Fultz II  
holder.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/holder.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2017 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/memory.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/memory.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/external/openmp/openmp_state.hpp
```

```
[begin_description]
```

Wrappers for OpenMP.

[end\_description]

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Copyright 2013 Mario Mulansky  
Copyright 2013 Pascal Germroth

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_state.hpp

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/\*!

@file

Defines `boost::hana::mod`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/mod.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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reveal.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/reveal.hpp

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/\*!

@file

Forward declares `boost::hana::zip`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zip.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::fill`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fill.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/ios.h

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/norm\_result\_type.hpp

[begin\_description]

Calculates the type of the norm\_inf operation for container types

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/norm\_result\_type.hpp

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/\*!

@file

Adapts `std::ratio` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/ratio.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/switch.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/select.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/context.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is\_variant.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/traits/variant\_find\_substitute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is\_substitute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is\_range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/variant\_has\_substitute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_category.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_type.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2010 Joel de Guzman
Copyright (c) 2001-2010 Hartmut Kaiser
Copyright (c) 2010 Bryce Lelbach
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_as.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_line\_pos\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_as.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2009 Christopher Schmidt

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/begin\_impl.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Copyright 2006-2013 Joaquin M Lopez Munoz.
 * Distributed under the Boost Software License, Version 1.0.
 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * See http://www.boost.org/libs/flyweight for library home page.
 */
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/recursive\_lw\_mutex.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
 [auto_generated]
 boost/numeric/odeint/util/is_pair.hpp
```

```
[begin_description]
 Metafunction to determine if a type is a std::pair<>.
 [end_description]
```

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Copyright 2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/is\_pair.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
 =====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/cmath.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2010 Eric Niebler

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/statement/if.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::contains` and `boost::hana::in`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/contains.hpp
```

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```
// Copyright 2005 Daniel Egloff, Eric Niebler. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_variance.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/variance.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE_1_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/show_window.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/show_window.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/iterator/const_step_time_iterator.hpp
```

```
[begin_description]
```

Iterator for iterating through the solution of an ODE with constant step size. The dereferences types contains also the time.

```
[end_description]
```

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Copyright 2013 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/const_step_time_iterator.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::wrong`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/wrong.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Adapts `std::vector` for use with Hana.
```

```
@copyright Louis Dionne 2013-2017
```

```
@copyright Gonzalo Brito Gadeschi 2015
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/vector.hpp

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\*

\* This header is deprecated, use boost/winapi/thread\_pool.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/thread\_pool.hpp

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Phoenix V1.2.1

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/statements.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuples.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/operators.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/primitives.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/special\_ops.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/functions.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/composite.hpp

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```
/*!  
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Forward declares `boost::hana::Product`.  
  
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zip/1.75.0/include/boost/hana/fwd/concept/product.hpp  
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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/mutex.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/heap_memory.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/event.hpp  
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```
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//  
// Official repository: https://github.com/boostorg/beast  
//
```

```
#include <boost/beast/_experimental/unit_test/amount.hpp>  
#include <boost/beast/_experimental/unit_test/dstream.hpp>  
#include <boost/beast/_experimental/unit_test/global_suites.hpp>  
#include <boost/beast/_experimental/unit_test/match.hpp>  
#include <boost/beast/_experimental/unit_test/reporter.hpp>  
#include <boost/beast/_experimental/unit_test/suite.hpp>  
#include <boost/config.hpp>  
#include <cstdlib>
```

```

#include <iostream>
#include <vector>

#ifdef BOOST_MSVC
# ifndef WIN32_LEAN_AND_MEAN // VC_EXTRALEAN
# define WIN32_LEAN_AND_MEAN
# include <windows.h>
# undef WIN32_LEAN_AND_MEAN
# else
# include <windows.h>
# endif
#endif

// Simple main used to produce stand
// alone executables that run unit tests.
int main(int ac, char const* av[])
{
    using namespace std;
    using namespace boost::beast::unit_test;

    ostream log(std::cerr);
    std::unitbuf(log);

#ifdef BOOST_MSVC
    {
        int flags = _CrtSetDbgFlag(_CRTDBG_REPORT_FLAG);
        flags |= _CRTDBG_LEAK_CHECK_DF;
        _CrtSetDbgFlag(flags);
    }
#endif

    if(ac == 2)
    {
        std::string const s{av[1]};
        if(s == "-h" || s == "--help")
        {
            log <<
                "Usage:\n"
                " " << av[0] << ": { <suite-name>... }" <<
                std::endl;
            return EXIT_SUCCESS;
        }
    }

    reporter r(log);
    bool failed;
    if(ac > 1)
    {

```

```

std::vector<selector> v;
v.reserve(ac - 1);
for(int i = 1; i < ac; ++i)
    v.emplace_back(selector::automatch, av[i]);
auto pred =
    [&v](suite_info const& si) mutable
    {
        for(auto& p : v)
            if(p(si))
                return true;
        return false;
    };
failed = r.run_each_if(global_suites(), pred);
}
else
{
    failed = r.run_each(global_suites());
}
if(failed)
    return EXIT_FAILURE;
return EXIT_SUCCESS;
}

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/\_experimental/unit\_test/main.ipp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf.hpp

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@file

Adapts `boost::fusion::list` for use with Hana.

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zip/1.75.0/include/boost/type\_eraser/detail/get\_placeholders.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/dynamic\_any\_cast.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/call.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/auto\_link.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/dynamic\_vtable.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/callable.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/require\_match.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/storage.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/tuple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/get\_signature.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/null.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/const.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/check\_call.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/same\_type.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/derived.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/constructible.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/param.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/typeid\_of.hpp  
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zip/1.75.0/include/boost/type\_erasure/detail/extract\_concept.hpp  
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zip/1.75.0/include/boost/type\_erasure/detail/check\_map.hpp  
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zip/1.75.0/include/boost/type\_erasure/is\_subconcept.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/static\_binding.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/placeholder\_of.hpp  
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zip/1.75.0/include/boost/type\_erasure/detail/instantiate.hpp  
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zip/1.75.0/include/boost/type\_erasure/free.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/member11.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/macro.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/is\_empty.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/deduced.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/is\_placeholder.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/vtable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/dynamic\_binding.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/operators.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/placeholder.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/register\_binding.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/normalize.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/binding.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/access.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/builtin.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/member.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/check\_match.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/relaxed.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/construct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/normalize\_deduced.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/any.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/any\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/binding\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/rebind\_placeholders.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/concept\_interface.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/rebind\_any.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/concept\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/meta.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/any\_cast.hpp

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\* \*- c++ \*-

\*

\* \file end.hpp

\*

\* \brief The \c end operation.

\*

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

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zip/1.75.0/include/boost/spirit/home/x3/directive/no\_skip.hpp

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@file

Defines `boost::hana::length`.

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@file

Forward declares `boost::hana::eval`.

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Forward declares `boost::hana::replace\_if`.

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zip/1.75.0/include/boost/hana/fwd/replace\_if.hpp

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[auto\_generated]

boost/numeric/odeint/util/state\_wrapper.hpp

[begin\_description]

State wrapper for the state type in all stepper. The state wrappers are responsible for construction, destruction, copying construction, assignment and resizing.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/util/state\_wrapper.hpp

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[auto\_generated]

boost/numeric/odeint/version.hpp

[begin\_description]

Defines the current version of odeint.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/transform\_attribute.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/kleene.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/list.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/optional.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/detail/cast\_char.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/plus.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/io/quoted.hpp

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```
/*=====
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pipable.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/pipable.hpp

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/\* Boost interval/detail/c99sub\_rounding\_control.hpp file

\*

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/c99sub\_rounding\_control.hpp

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Copyright (c) 2001-2011 Hartmut Kaiser
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=====*/
```



```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/is_view_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/begin_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/std_array_iterator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/end_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::is_disjoint`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/is_disjoint.hpp
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```

```
/*
```

```
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```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
* Copyright (c) 2020 Andrey Semashev
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/extra_ops_gcc_aarch64.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/ipc_atomic_flag.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_arch_ops_gcc_x86.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/once_flag.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/wait_operations_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/ops_gcc_aarch64_common.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/atomic/detail/fence\_ops\_gcc\_atomic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_ppc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/memory\_order\_utils.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_freebsd\_umtx.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_windows.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_dragonfly\_umtx.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_gcc\_sync.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_windows.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/alignment\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/futex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/atomic\_ref.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_sparc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_msvc\_arm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_msvc\_x86.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_capabilities.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_alpha.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/gcc\_atomic\_memory\_order\_utils.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/ipc\_atomic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_emulated.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/wait\_ops\_futex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/intptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_arm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_aarch32\_common.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/aligned\_variable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_freebsd\_umtx.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/ipc\_atomic\_ref.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_generic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_operations\_emulated.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_windows.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/atomic\_ref\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_dragonfly\_umtx.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/classify.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_futex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_aarch64.hpp  
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zip/1.75.0/include/boost/intrusive/pointer\_traits.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/in.hpp

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```
/* Failure observers for outcome type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (7 commits)
File Created: Oct 2017
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_failure\_observers.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/bitwise\_cast.hpp  
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@file

Forward declares `boost::hana::make`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/make.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_times.hpp

[begin\_description]

Integration of ODEs with observation at user defined points

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_times.hpp

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@file

Defines macros for tracking the version of the library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/version.hpp

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\*

\* This header is deprecated, use boost/winapi/stack\_backtrace.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/stack\_backtrace.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/operator/detail/keywords.hpp

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BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is defined, otherwise nothing

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BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_4.hpp

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@file

Defines `boost::hana::detail::create`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/create.hpp

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```
/* Proposed SG14 status_code  
(C) 2018 - 2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)  
File Created: May 2020
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/quick_status_code_from_enum.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Copyright Beman Dawes and Daryle Walker 1999. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/integer.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::keys`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/keys.hpp
```

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```
/* ****  
# *  
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# * (C) Copyright Edward Diener 2011. *  
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# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/to_seq.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/library.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to_seq_64.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to_seq_128.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to_seq_256.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Defines generally useful preprocessor macros.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/preprocessor.hpp
```

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```
/* Boost interval/detail/bugs.hpp file
```

```
*
```

```
* Copyright 2000 Jens Maurer
```

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
\*  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/bugs.hpp

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```
/*=====
Copyright (c) 2014 Paul Fultz II
lambda.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/lambda.hpp

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```
/*!
@file
Defines the `BOOST_HANA_DEFINE_STRUCT` macro.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/define\_struct.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/algebra/multi_array_algebra.hpp
```

```
[begin_description]
tba.
[end_description]
```

```
Copyright 2009-2012 Karsten Ahnert
Copyright 2009-2012 Mario Mulansky
```

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/multi\_array\_algebra.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/no\_locking\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/locking\_tag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/assoc\_container\_factory\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/value\_tag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/refcounted\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/holder\_tag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/flyweight.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/factory\_tag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/no\_tracking.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/set\_factory\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/key\_value\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/simple\_locking.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/static\_holder\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/no\_tracking\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/tag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/no\_locking.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/tracking\_tag.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/hashed\_factory\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/simple\_locking\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/intermodule\_holder\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2009-2010 Hartmut Kaiser
Copyright (c) 2010 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_adt\_named.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/stepper/rosenbrock4_controller.hpp

[begin_description]
Controller for the Rosenbrock4 method.
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4\_controller.hpp  
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/\*!

@file

Forward declares `boost::hana::when` and `boost::hana::when\_valid`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/when.hpp

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/\*

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_at\_impl.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/auto\_newline\_mode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/auto\_newline.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/auto\_newline\_mode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/auto\_newline.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/line\_pos\_iterator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/stepper\_traits.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/stepper\_traits.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/subrule\_context.hpp

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/\*=====

Adaptable closures

Phoenix V0.9

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URL: <http://spirit.sourceforge.net/>

====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lambda/closures.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/utree\_traits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/utree.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/debug\_node.hpp

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```
/*=====
Phoenix V1.2.1
Copyright (c) 2001-2002 Joel de Guzman
MT code Copyright (c) 2002-2003 Martin Wille

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/closures.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::all_of`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/all_of.hpp
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```

```
/*
```

```
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```

```
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```

```
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```

```
*
```

```
* Copyright (c) 2017 Andrey Semashev
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/type_traits/conditional.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/type_traits/make_signed.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/type_traits/is_integral.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/extra_ops_msvc_x86.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/type_traits/integral_constant.hpp
```

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_msvc\_arm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_signed.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/make\_unsigned.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/algebra/detail/extract\_value\_type.hpp

[begin\_description]  
Extract true value type from complex types (eg. std::complex)  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/extract\_value\_type.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/stepper/runge\_kutta4\_classic.hpp

[begin\_description]  
Implementation for the classical Runge Kutta stepper.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta4\_classic.hpp

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/\*!

@file

Forward declares `boost::hana::detail::nested\_to`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_to\_fwd.hpp

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector40.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector20.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/crypt.hpp

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/\*!

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Defines `boost::hana::zip\_shortest\_with`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/zip\_shortest\_with.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_info.hpp

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/or.hpp

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/\* \*\*\*\*\*

# \*

\*

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```
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE_1_0.txt) *
# * *
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/slot/counter.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/enum_shifted_binary_params.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/slot/detail/counter.hpp
```

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/\*!

@file

Adapts `boost::fusion::tuple` for use with Hana.

In the current version of Boost.Fusion, `boost::fusion::tuple` is basically an alias to `boost::fusion::vector`, so both data types share the same implementation in Hana.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/boost/fusion/tuple.hpp
```

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/\*!

@file

Forward declares `boost::hana::insert\_range`.

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/insert_range.hpp
```

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/list.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/deque.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/vector.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/tree.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/win32_api.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/workaround.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/exceptions.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/offset_ptr.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/string.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/flat_tree.hpp
```

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/\*!

@file

Defines `boost::hana::detail::variadic::reverse\_apply\_unrolled`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/reverse_apply/unrolled.hpp
```

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/container_fwd.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/external/mtl4/mtl4\_algebra\_dispatcher.hpp

[begin\_description]  
specialization of the algebra dispatcher for mtl4  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4\_algebra\_dispatcher.hpp  
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/\*!  
@file  
Defines `boost::hana::optional`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/optional.hpp  
No license file was found, but licenses were detected in source scan.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/riscv.h  
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/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file  
\*  
\* This header provides a rounding control policy  
\* that avoids flushing results to memory. In  
\* order for this optimization to be reliable, it

\* should be used only when no underflow or  
\* overflow would happen without it. Indeed, only  
\* values in range are correctly rounded.  
\*  
\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/ext/x86\_fast\_rounding\_control.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_adaptive.hpp

[begin\_description]

Adaptive integration of ODEs.

[end\_description]

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_adaptive.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_array/algorithm.hpp  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/slist.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::cartesian_product`.
```

```
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```

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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/cartesian_product.hpp
```

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```
/*
```

```
* Copyright Lingxi Li 2015.
```

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* Copyright Andrey Semashev 2015.
```

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```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/permissions.hpp
```

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```
/**
```

```
* _*- c++ -*-
```

```
*
```

```
* \file num_columns.hpp
```

```
*
```

```
* \brief The \c num_columns operation.
```

```
*
```

```
* Copyright (c) 2009, Marco Guazzone
```

```
*
```

```
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```

```
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```

```
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```

```
*
```

```
* \author Marco Guazzone, marco.guazzone@gmail.com
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/num\_columns.hpp

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/\* boost random/hyperexponential\_distribution.hpp header file

\*

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\*

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\*

\* Much of the code here taken by boost::math::hyperexponential\_distribution.

\* To this end, we would like to thank Paul Bristow and John Maddock for their

\* valuable feedback.

\*

\* \author Marco Guazzone (marco.guazzone@gmail.com)

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/hyperexponential\_distribution.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp

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```
/*-----  
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Copyright (c) 2001-2003 Hartmut Kaiser  
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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core.hpp  
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```

```
/* Boost interval/detail/x86_rounding_control.hpp file  
*  
* Copyright 2000 Jens Maurer  
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/x86_rounding_control.hpp  
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```

```
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```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/singleton.hpp  
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```

```
/*  
* This RFC 1321 compatible MD5 implementation originated at:  
* http://openwall.info/wiki/people/solar/software/public-domain-source-code/md5  
*  
* Author:  
* Alexander Peslyak, better known as Solar Designer <solar at openwall.com>  
*  
*/
```

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/md5.hpp

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/\* Configure Boost.Outcome with Boost

(C) 2015-2020 Niall Douglas <<http://www.nedproductions.biz/>> (7 commits)

File Created: August 2015

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/config.hpp

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```
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# *  
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# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_1.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_empty\_or\_1.hpp

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/\*!

@file

Forward declares `boost::hana::Struct`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/struct.hpp

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/\* boost random/geometric\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

```
*  
* Revision history  
* 2001-02-18 moved to individual header files  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/geometric_distribution.hpp
```

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```
/*
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/x86_amd.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/ppc/versions.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/arm.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/ppc.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/x86_amd/versions.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/arm/versions.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/x86.h
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/hardware/simd/x86/versions.h
```

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```
//
```

```
// Copyright (c) 2017 James E. King III
```

```
//
```

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```

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```

```
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```

```
//
```

```

// getentropy() capable platforms
//

#include <boost/config.hpp>
#include <boost/throw_exception.hpp>
#include <cerrno>
#include <cstdint>
#include <unistd.h>

namespace boost {
namespace uuids {
namespace detail {

class random_provider_base
{
public:
    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        int res = getentropy(buf, siz);
        if (BOOST_UNLIKELY(-1 == res))
        {
            int err = errno;
            BOOST_THROW_EXCEPTION(entropy_error(err, "getentropy"));
        }
    }
};

} // detail
} // uuids
} // boost

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_getentropy.ipp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_n\_steps.hpp

[begin\_description]

integrate steps implementation

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_n\_steps.hpp

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/\*!

@file

Forward declares `boost::hana::Group`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/group.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/allocator\_traits.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/allocator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/auto\_link.hpp

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/\*!

@file

Defines `boost::hana::fix`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/fix.hpp

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/\*!

@file

Forward declares `boost::hana::permutations`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/permutations.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/fold.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/other/endian.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/blackfin.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/other.h

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/\*

[auto\_generated]

boost/numeric/odeint/external/compute/compute\_algebra.hpp

[begin\_description]

An algebra for Boost.Compute vectors.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_algebra.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/tls.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/thread\_pool.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/waitable\_timer.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/formulas/karney\_direct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/formulas/karney\_inverse.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/util/series\_expansion.hpp  
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```
/*=====
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/handles\_container.hpp  
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```
/*=====
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/actor.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_n_steps.hpp

[begin_description]
Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.
[end_description]
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/argument\_expression.hpp

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zip/1.75.0/include/boost/interprocess/detail/robust\_emulation.hpp

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and  
N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

Updated July 2015 to reflect the Library Fundamentals TS

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/string\_view.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/algorithm.hpp

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```
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/optional.hpp

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```
/*!
@file
Defines `boost::hana::string`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/string.hpp

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/\*!

@file

Forward declares `boost::hana::lazy`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/lazy.hpp

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/\*!

@file

Defines `boost::hana::insert`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/insert.hpp

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/\* boost random/lognormal\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/lognormal\_distribution.hpp

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```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/adapt_assoc_adt.hpp
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```

```
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http://spirit.sourceforge.net/

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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/rule.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/parser.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/match.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/actions.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/dynamic/rule_alias.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored_rule.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/composite.hpp
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```

```
/*!
```

```
@file
```

Defines operators for Iterables.

```
@copyright Louis Dionne 2013-2017
```

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/iterable.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/array\_size.hpp

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/\* boost random/chi\_squared\_distribution.hpp header file

\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/chi\_squared\_distribution.hpp

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/\*!

@file

Adapts `boost::mpl::list` for use with Hana.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/ext/boost/mpl/list.hpp

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```
/*=====
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/repository/home/qi/nonterminal/subrule.hpp

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```
/*
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*
* See http://www.boost.org/libs/iostreams for documentation.
```

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\* Defines the overloaded function template

\* boost::iostreams::detail::execute\_all() and the function template

\* boost::iostreams::detail::execute\_foreach().

\*

\* execute\_all() invokes a primary operation and performs a sequence of cleanup

\* operations, returning the result of the primary operation if no exceptions

\* are thrown. If one of the operations throws an exception, performs the

\* remaining operations and rethrows the initial exception.

\*

\* execute\_foreach() is a variant of std::foreach which invokes a function

\* object for each item in a sequence, catching all exceptions and rethrowing

\* the first caught exception after the function object has been invoked on each

\* item.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/execute.hpp

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```

////////1////////2////////3////////4////////5////////6////////7////////8
// text_iarchive_impl.ipp:

// (C) Copyright 2002 Robert Ramey - http://www.rrsd.com .
// Distributed under the Boost Software License, Version 1.0. (See
// accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)

// See http://www.boost.org for updates, documentation, and revision history.

```

```

////////////////////////////////////
// implementation of basic_text_iprimitive overrides for the combination
// of template parameters used to implement a text_iprimitive

```

```

#include <cstddef> // size_t, NULL
#include <boost/config.hpp>
#if defined(BOOST_NO_STDC_NAMESPACE)
namespace std{
    using ::size_t;
} // namespace std
#endif

#include <boost/detail/workaround.hpp> // RogueWave

#include <boost/archive/text_iarchive.hpp>

```

```

namespace boost {
namespace archive {

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(char *s)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    // Works on all tested platforms
    is.read(s, size);
    s[size] = '\0';
}

```

```

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(std::string &s)
{
    std::size_t size;
    * this->This() >> size;
}

```

```

// skip separating space
is.get();
// borland de-allocator fixup
#if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
if(NULL != s.data())
#endif
    s.resize(size);
if(0 < size)
    is.read(&(*s.begin()), size);
}

```

```

#ifndef BOOST_NO_CWCHAR
#ifndef BOOST_NO_INTRINSIC_WCHAR_T
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(wchar_t *ws)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    is.read((char *)ws, size * sizeof(wchar_t)/sizeof(char));
    ws[size] = L'\0';
}
#endif // BOOST_NO_INTRINSIC_WCHAR_T

```

```

#ifndef BOOST_NO_STD_WSTRING
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(std::wstring &ws)
{
    std::size_t size;
    * this->This() >> size;
    // borland de-allocator fixup
#if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
if(NULL != ws.data())
#endif
    ws.resize(size);
    // skip separating space
    is.get();
    is.read((char *)ws.data(), size * sizeof(wchar_t)/sizeof(char));
}

```

```

#endif // BOOST_NO_STD_WSTRING
#endif // BOOST_NO_CWCHAR

```

```

template<class Archive>
BOOST_ARCHIVE_DECL void

```

```

text_iarchive_impl<Archive>::load_override(class_name_type & t){
    basic_text_iarchive<Archive>::load_override(t);
}

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::init(){
    basic_text_iarchive<Archive>::init();
}

template<class Archive>
BOOST_ARCHIVE_DECL
text_iarchive_impl<Archive>::text_iarchive_impl(
    std::istream & is,
    unsigned int flags
):
    basic_text_iprimitive<std::istream>(
        is,
        0 != (flags & no_codecvt)
    ),
    basic_text_iarchive<Archive>(flags)
{}

} // namespace archive
} // namespace boost

```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/archive/impl/text_iarchive_impl.ipp
```

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```

/*=====
Copyright (c) 2016 Paul Fultz II
version.hpp
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/

```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/version.hpp
```

No license file was found, but licenses were detected in source scan.

```

/*=====
Copyright (c) 2002-2003 Joel de Guzman
Copyright (c) 2002 Juan Carlos Arevalo-Baeza
Copyright (c) 2002-2003 Martin Wille
http://spirit.sourceforge.net/

```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/if.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic.hpp

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/\* A less simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (20 commits)

File Created: June 2017

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/basic\_outcome.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/bsd.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/open.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/net.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/free.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/dragonfly.h

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/\*!

@file

Forward declares `boost::hana::count`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/count.hpp

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/\*!

@file

Defines `boost::hana::maximum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/maximum.hpp

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 \* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
 \*  
 \* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
 \*  
 \* The internal implementation of red-black trees is based on that of SGI STL  
 \* `stl_tree.h` file:  
 \*  
 \* Copyright (c) 1996,1997  
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 \*  
 \*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
 zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_ops.hpp

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/\* boost random/niederreiter\_base2.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/niederreiter\_base2.hpp  
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```
/*!  
@file  
Defines `boost::hana::EuclideanRing`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/euclidean\_ring.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::transform`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/transform.hpp  
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```
/* *****  
# * * * * *  
# * (C) Copyright Paul Mensonides 2002.  
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# * accompanying file LICENSE_3_0.txt or copy at  
# * http://www.boost.org/LICENSE\_3\_0.txt)  
# * * * * *  
# ***** */
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward3\_1024.hpp  
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```
/*!
```

@file

Forward declares `boost::hana::extract`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/extract.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/sfinae.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/parser.hpp

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/\* boost random/discrete\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/discrete\_distribution.hpp

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/\*!

@file

Forward declares `boost::hana::Logical`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/cloudabi.h

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/restrict\_impl.hpp

\* Date: Sun Jan 06 12:57:30 MST 2008

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* If included with the macro BOOST\_Iostreams\_RESTRICT undefined, defines the

\* class template boost::iostreams::restriction. If included with the macro

\* BOOST\_Iostreams\_RESTRICT defined as an identifier, defines the overloaded

\* function template boost::iostreams::BOOST\_Iostreams\_RESTRICT, and object

\* generator for boost::iostreams::restriction.

\*

\* This design allows <boost/iostreams/restrict.hpp> and

\* <boost/iostreams/slice.hpp> to share an implementation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/restrict\_impl.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/has\_member\_qualifiers.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_const\_member.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_cv\_member.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/apply\_return.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_member\_const.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/args.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/set\_function\_qualifiers.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_varargs.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/traits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/apply\_member\_pointer.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/function\_object.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/remove\_member\_const.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/remove\_member\_reference.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/has\_void\_return.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_member\_volatile.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/function\_type.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/function.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/utility.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/pmf.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_cv.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/pmd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_invocable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_volatile.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/class\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_lvalue\_reference\_member.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/has\_varargs.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_thread\_times.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_thread\_times.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_process\_times.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_process\_times.hpp

No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/stepper/runge_kutta_fehlberg87.hpp
```

```
[begin_description]
Implementation of the Runge-Kutta-Fehlberg stepper with the generic stepper.
[end_description]
```

```
Copyright 2011-2013 Mario Mulansky
Copyright 2012-2013 Karsten Ahnert
```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/runge_kutta_fehlberg78.hpp
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```

```
/* *****
# *
# * (C) Copyright Paul Mensonides 2002-2011. *
# * (C) Copyright Edward Diener 2011-2020. *
# * Distributed under the Boost Software License, Version 1.0. (See *
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE\_1\_0.txt) *
# *
# ***** */
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/config/config.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/uniform_smallint.hpp header file
*
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* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
```

\* 2001-04-08 added min<max assertion (N. Becker)  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_smallint.hpp

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/\*!

@file

Defines `boost::hana::union`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/union.hpp

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+-----+

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/type\_to\_string.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/separate\_interval\_set.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/functors.hpp

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//

// ip/impl/network\_v4.ipp

// ~~~~~

//

// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)

// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)

//

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// file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

//

```

#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
#define BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP

#if defined(_MSC_VER) && (_MSC_VER >= 1200)
#pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>
#include <climits>
#include <cstdio>
#include <cstdlib>
#include <stdexcept>
#include <boost/asio/error.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/ip/network_v4.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace ip {

network_v4::network_v4(const address_v4& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
if (prefix_len > 32)
{
std::out_of_range ex("prefix length too large");
boost::asio::detail::throw_exception(ex);
}
}

network_v4::network_v4(const address_v4& addr, const address_v4& mask)
: address_(addr),
  prefix_length_(0)
{
address_v4::bytes_type mask_bytes = mask.to_bytes();
bool finished = false;
for (std::size_t i = 0; i < mask_bytes.size(); ++i)
{
if (finished)
{
if (mask_bytes[i])
{
std::invalid_argument ex("non-contiguous netmask");
}
}
}
}
}
}

```

```

        boost::asio::detail::throw_exception(ex);
    }
    continue;
}
else
{
    switch (mask_bytes[i])
    {
    case 255:
        prefix_length_ += 8;
        break;
    case 254: // prefix_length_ += 7
        prefix_length_ += 1;
    case 252: // prefix_length_ += 6
        prefix_length_ += 1;
    case 248: // prefix_length_ += 5
        prefix_length_ += 1;
    case 240: // prefix_length_ += 4
        prefix_length_ += 1;
    case 224: // prefix_length_ += 3
        prefix_length_ += 1;
    case 192: // prefix_length_ += 2
        prefix_length_ += 1;
    case 128: // prefix_length_ += 1
        prefix_length_ += 1;
    case 0: // nbits += 0
        finished = true;
        break;
    default:
        std::out_of_range ex("non-contiguous netmask");
        boost::asio::detail::throw_exception(ex);
    }
}
}
}

address_v4 network_v4::netmask() const BOOST_ASIO_NOEXCEPT
{
    uint32_t nmbits = 0xffffffff;
    if (prefix_length_ == 0)
        nmbits = 0;
    else
        nmbits = nmbits << (32 - prefix_length_);
    return address_v4(nmbits);
}

address_v4_range network_v4::hosts() const BOOST_ASIO_NOEXCEPT
{

```

```

return is_host()
    ? address_v4_range(address_, address_v4(address_.to_uint() + 1))
    : address_v4_range(address_v4(network().to_uint() + 1), broadcast());
}

bool network_v4::is_subnet_of(const network_v4& other) const
{
    if (other.prefix_length_ >= prefix_length_)
        return false; // Only real subsets are allowed.
    const network_v4 me(address_, other.prefix_length_);
    return other.canonical() == me.canonical();
}

std::string network_v4::to_string() const
{
    boost::system::error_code ec;
    std::string addr = to_string(ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

std::string network_v4::to_string(boost::system::error_code& ec) const
{
    using namespace std; // For sprintf.
    ec = boost::system::error_code();
    char prefix_len[16];
    #if defined(BOOST_ASIO_HAS_SECURE_RTL)
        sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
    #else // defined(BOOST_ASIO_HAS_SECURE_RTL)
        sprintf(prefix_len, "%u", prefix_length_);
    #endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
    return address_.to_string() + prefix_len;
}

network_v4 make_network_v4(const char* str)
{
    return make_network_v4(std::string(str));
}

network_v4 make_network_v4(const char* str, boost::system::error_code& ec)
{
    return make_network_v4(std::string(str), ec);
}

network_v4 make_network_v4(const std::string& str)
{
    boost::system::error_code ec;
    network_v4 net = make_network_v4(str, ec);
}

```

```

boost::asio::detail::throw_error(ec);
return net;
}

network_v4 make_network_v4(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

    if (pos == std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }

    if (pos == str.size() - 1)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }

    std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
    if (end != std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }

    const address_v4 addr = make_address_v4(str.substr(0, pos), ec);
    if (ec)
        return network_v4();

    const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
    if (prefix_len < 0 || prefix_len > 32)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }

    return network_v4(addr, static_cast<unsigned short>(prefix_len));
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW
network_v4 make_network_v4(string_view str)
{
    return make_network_v4(static_cast<std::string>(str));
}

```

```
network_v4 make_network_v4(string_view str,
    boost::system::error_code& ec)
{
    return make_network_v4(static_cast<std::string>(str), ec);
}
```

```
#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)
```

```
} // namespace ip
} // namespace asio
} // namespace boost
```

```
#include <boost/asio/detail/pop_options.hpp>
```

```
#endif // BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/ip/impl/network_v4.hpp
```

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```
/*
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 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/smart_ptr/intrusive_ref_counter.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/explicit_operator_bool.hpp
```

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```
/*!
@file
Defines the `Logical` and `Comparable` models of `boost::hana::integral_constant`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/bool.hpp
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/make\_tuple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/object\_call.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer\_fwd.hpp

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/\*!

@file

Forward declares `boost::hana::Comonad`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/comonad.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/stream.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/functional/bind\_output.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/header.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/predicates.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/copy\_cv.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/ip\_version.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/c\_decorator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/scoped\_attribute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/pp\_identity.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/is\_ostream.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/strictest\_lock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/registration.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/functional/contains.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/decomposed\_time.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/thread\_id.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/setup/from\_settings.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/drop\_on\_overflow.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/ordering\_window.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/default\_attribute\_names.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/setup.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sources/basic\_logger.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/light\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/async\_frontend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/predicates/has\_attr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/footer.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/ident.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/add\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/sink.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/predicates/matches.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/current\_thread\_id.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/light\_function\_pp.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/record\_ordering.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/mutable\_constant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sources/channel\_feature.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/rotation\_size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/attr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/support/spirit\_classic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/attribute\_get\_value\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/start\_thread.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/record.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/to\_log.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/keyword\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/char\_decorator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/named\_scope\_fmt\_pp.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/file\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/is\_character\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/trivial.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/deduce\_char\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/support/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/log\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/bounded\_fifo\_queue.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/attributes/value\_visitation.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/functional.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/id.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/functional/bind.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/min\_free\_space.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/current\_process\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/clock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/is\_keyword\_descriptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail singleton.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/asio\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/iteration.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/message.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/attr\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/timestamp.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/core/record.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/keyword.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/type\_dispatch/standard\_types.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/time\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sources/threading\_models.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_ostream\_backend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/code\_conversion.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/core/core.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/sinks/unbounded\_ordering\_queue.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/unlocked\_frontend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/unique\_identifier\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/setup/file.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/basic\_sink\_backend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/sink\_init\_helpers.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/native\_typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/current\_process\_id.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/enqueued\_record.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/delimiter.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sources/severity\_feature.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/setup/filter\_parser.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_file\_backend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/named\_scope.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/trivial\_keyword.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/functional/fun\_ref.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_multifile\_backend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/fake\_mutex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/unary\_function\_terminal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/target.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/locking\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/common.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/exceptions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/constant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/keywords/use\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/snprintf.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/format.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/event\_log\_constants.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/format.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/support/std\_regex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sources/severity\_logger.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/attributes/fallback\_policy\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/type\_dispatch/date\_time\_types.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2016 Kohei Takahashi

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/index\_sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/function\_eval\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_function\_object.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_member\_function.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
Copyright 2014-2020 Glen Joseph Fernandes
(glenjofe@gmail.com)

Distributed under the Boost Software License, Version 1.0.
(http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/align.hpp
```

No license file was found, but licenses were detected in source scan.

```
/**
```

```
* -*- c++ -*-
```

```
*
```

```
* \file operations.hpp
```

```
*
```

```
* \brief This header includes several headers from the operation directory.
```

```
*
```

```
* Copyright (c) 2009, Gunter Winkler
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* \author Gunter Winkler (guwi17 at gmx dot de)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operations.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::common` and `boost::hana::common_t`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/common.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
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```

```
* See http://www.boost.org/LICENSE\_1\_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/process.hpp instead.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/process.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2001-2014 Joel de Guzman
Copyright (c) 2013 Agustin Berge

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/attr.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::back`.

@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/back.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 2001-2011 Joel de Guzman

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/out.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/in.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/out.hpp

No license file was found, but licenses were detected in source scan.

```
// Copyright 2011 - 2013 John Maddock. Distributed under the Boost
// Distributed under the Boost Software License, Version 1.0.
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/functions/pow.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::unfold_left`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/unfold_left.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines operators for Comparables.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/operators/comparable.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
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```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* Copyright (c) 2011 Helge Bahmann
```

```
* Copyright (c) 2013 Tim Blechmann
```

```
* Copyright (c) 2014 Andrey Semashev
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/fences.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_gcc\_sync.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_gcc\_sync.hpp

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/\*=====

Copyright (c) 2001-2010 Joel de Guzman

Copyright (c) 2004 Daniel Wallin

Copyright (c) 2010 Thomas Heller

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/ phoenix/scope/dynamic.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::lift`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/lift.hpp

No license file was found, but licenses were detected in source scan.

//

// Copyright (c) 2019 Damian Jarek(damian.jarek93@gmail.com)

//

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// file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

//

// Official repository: <https://github.com/boostorg/beast>

//

#ifndef BOOST\_BEAST\_DETAIL\_IMPL\_TEMPORARY\_BUFFER\_IPP

#define BOOST\_BEAST\_DETAIL\_IMPL\_TEMPORARY\_BUFFER\_IPP

```

#include <boost/beast/core/detail/temporary_buffer.hpp>
#include <boost/beast/core/detail/clamp.hpp>
#include <boost/core/exchange.hpp>
#include <boost/assert.hpp>
#include <memory>
#include <cstring>

namespace boost {
namespace beast {
namespace detail {

void
temporary_buffer::
append(string_view s)
{
    grow(s.size());
    unchecked_append(s);
}

void
temporary_buffer::
append(string_view s1, string_view s2)
{
    grow(s1.size() + s2.size());
    unchecked_append(s1);
    unchecked_append(s2);
}

void
temporary_buffer::
unchecked_append(string_view s)
{
    auto n = s.size();
    std::memcpy(&data_[size_], s.data(), n);
    size_ += n;
}

void
temporary_buffer::
grow(std::size_t n)
{
    if (capacity_ - size_ >= n)
        return;

    auto const capacity = (n + size_) * 2u;
    BOOST_ASSERT(! detail::sum_exceeds(
        n, size_, capacity));
}
}
}
}

```

```
char* const p = new char[capacity];
std::memcpy(p, data_, size_);
deallocate(boost::exchange(data_, p));
capacity_ = capacity;
}
} // detail
} // beast
} // boost
```

#endif

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/impl/temporary\_buffer.ipp

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/\* Boost interval/limits.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/limits.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/compute/compute\_operations.hpp

[begin\_description]

Operations of Boost.Compute zipped iterators. Is the counterpart of the compute\_algebra.

[end\_description]

Copyright 2009-2011 Karsten Ahnert

Copyright 2009-2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_operations.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2009-2010 Christopher Schmidt

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_pair.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/is\_view\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/at\_impl.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/detail/iterator_mixin.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* Revision history
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/iterator\_mixin.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Implementation of the Runge Kutta Cash Karp 5(4) method. It uses the generic error stepper.

[end\_description]

Copyright 2011-2013 Mario Mulansky

Copyright 2011-2013 Karsten Ahnert

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright Lingxi Li 2015.

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_ipc\_message\_queue\_backend.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/cauchy\_distribution.hpp header file

\*

\* Copyright Jens Maurer 2000-2001

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

```
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/cauchy_distribution.hpp
```

No license file was found, but licenses were detected in source scan.

```
// Copyright 2010 Gaetano Mendola, 2011 Simon West. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/sum_kahan.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2001-2011 Joel de Guzman

Copyright (c) 2001-2011 Hartmut Kaiser

Copyright (c) 2009 Francois Barel

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/nonterminal/extract_param.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_algebra.hpp

[begin\_description]

An algebra for thrusts device\_vectors.

[end\_description]

Copyright 2010-2013 Mario Mulansky

Copyright 2010-2011 Karsten Ahnert

Copyright 2013 Kyle Lutz

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust_algebra.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::suffix`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/suffix.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/traits.hpp header file
```

```
*
```

```
* Copyright John Maddock 2015
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* These traits classes serve two purposes: they are designed to mostly
```

```
* work out of the box for multiprecision types (ie number types that are
```

```
* C++ class types and not integers or floats from type-traits point of view),
```

```
* they are also a potential point of specialization for user-defined
```

```
* number types.
```

```
*
```

```
* $Id$
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/traits.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman
```

```
Copyright (c) 2001-2011 Hartmut Kaiser
```

```
Copyright (c) 2011 Thomas Bernard
```

```
http://spirit.sourceforge.net/
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_keywords.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_kwd.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::detail::has\_[nontrivial\_]common\_embedding`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/has\_common\_embedding.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

Copyright (c) 2003 Giovanni Bajo

Copyright (c) 2003 Thomas Witt

Copyright (c) 2003 Hartmut Kaiser

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/file\_iterator.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::greater`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/greater.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::take\_while`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/take\_while.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/ode\_iterator\_base.hpp

[begin\_description]

Base class for const\_step\_iterator and adaptive\_iterator.

[end\_description]

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/detail/ode\_iterator\_base.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/io\_fwd.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\* Copyright 2015 Andrey Semashev

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/system.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/detail/config.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/detail/config.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

Copyright (c) 2014 Paul Fultz II

function.h

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hof/function.hpp

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/constants.hpp template implementation file
*
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/constants.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 2006-2020 Joaquin M Lopez Munoz.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org/libs/flyweight for library home page.
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/flyweight/detail/archive_constructed.hpp
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/flyweight/detail/flyweight_core.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::always`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/always.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Copyright 2006 Eric Niebler, Olivier Gygi. Distributed under the Boost
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_sum.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_mean.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_median.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/median.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::mod`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/mod.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE\_1\_0.txt
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/stack_backtrace.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::tuple`.
```

```
@copyright Louis Dionne 2013-2017
```

```
@copyright Jason Rice 2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/tuple.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2009 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2010 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt\_base.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/extension.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::capture`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/capture.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2006 Tobias Schwinger
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/common\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/typeof.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/subrule\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/scanner\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/confix\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/multi\_pass\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/lists\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/ast\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/file\_iterator\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored\_rule\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/symbols/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/symbols/symbols\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/typeof.hpp

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flip.h

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/flip.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/pp.hpp

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@file

Includes all the adaptors for the Boost.MPL library.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/mpl.hpp

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/\*

[auto\_generated]

/boost/numeric/odeint/external/mtl4/mtl4.hpp

[begin\_description]

includes all headers required for using mtl4 with odeint

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_advance.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/extract\_int.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/uint.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/streams/vectorstream.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/streams/bufferstream.hpp

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arg.h

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/arg.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/locks.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config\_external\_begin.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config\_external\_end.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/config\_end.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/config\_begin.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/condition\_any\_algorithm.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_condition\_any.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/const\_step\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/const\_step\_iterator\_impl.hpp

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/\* Boost interval.hpp header file

\*

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval.hpp

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/\* A less simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (7 commits)

File Created: June 2017

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/boost\_outcome.hpp

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```
/*=====
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/remove\_rvalue\_reference.hpp

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/\*!

@file

Defines `boost::hana::find`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/find.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/not\_equal.hpp

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```
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# *  
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# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/binary\_transform.hpp

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```
/*=====
```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/less\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/member\_variable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/vector30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/count.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/as\_deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/unfused\_typed.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/empty.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/end.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/erase\_key.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/replace\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/queue\_tie.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/set\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/map\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/make\_fused\_function\_object.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/generation.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/vector40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/algorithm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/for\_each.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/convert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_struct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/pop\_front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/query.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/pop\_back.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/unused.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/nview.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/deref.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/iterator\_facade.hpp  
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zip/1.75.0/include/boost/fusion/include/replace.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/distance.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/find.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/invoke\_procedure.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

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[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_copy.hpp

[begin\_description]

copy\_impl specializations for vexcl

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_copy.hpp

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//

// See <http://www.boost.org> for updates, documentation, and revision history.

// This file was AUTOMATICALLY GENERATED from "stdin"

// Do NOT include directly!

```
// Do NOT edit!

template <typename T0>
element_type * construct(const T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
}
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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```

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```

```
/*
```

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

Updated July 2015 to reflect the Library Fundamentals TS

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

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* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
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@file
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```
Defines `boost::hana::infix`.
```

```
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```

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Boost.Wave: A Standard compliant C++ preprocessor library

Grammar for universal character validation (see C++ standard: Annex E)

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zip/1.75.0/include/boost/noncopyable.hpp

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/\* Boost interval/compare/certain.hpp template implementation file

\*

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macros used:

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tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when  
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BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for  
the current include (^noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

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@file

Adapts `boost::tuple` for use with Hana.

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@file

Forward declares `boost::hana::minus`.

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zip/1.75.0/include/boost/asio/execution/detail/as\_invocable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/http/detail/chunk\_encode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ssl/verify\_mode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/traits/set\_done\_free.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ssl/impl/rfc2818\_verification.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ip/address\_v6\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/execution/occupancy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/memory.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/impl/buffers\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/with\_lock\_guard.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

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zip/1.75.0/include/boost/asio/impl/spawn.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/windows/asio\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/config/enable\_warnings.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/execution/bulk\_execute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/is\_dereferenceable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/except.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/leaf/on\_error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/dispatch.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/strand\_service.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/websocket/impl/write.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/impl/socket\_ops.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/basic\_cmd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/config/windows\_posix.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/windows/close\_in.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/null\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/posix/pipe\_out.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/args.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/write.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/lexer/internals.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/streambuf/linked\_streambuf.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/traits/submit\_member.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/windows/null\_in.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/static\_mutex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/base64.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/pcg.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/variadic\_templates.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/impl/resolver\_service\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/http/dynamic\_body.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/\_experimental/unit\_test/suite\_list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/beast/core/impl/error.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/execution.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/detail/handler_tracking.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/read.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/_experimental/unit_test/results.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/http/impl/rfc7230.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/traits/set_error_member.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/http/write.hpp
```

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```
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Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2010 Bryce Lelbach

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/directive/as.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::lift`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/lift.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::find_if`.
```

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/find\_if.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/namespace.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/proxy\_type.hpp  
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```
//
// Copyright (c) 2018 Andrey Semashev
//
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// (See accompanying file LICENSE_1_0.txt or copy at
// https://www.boost.org/LICENSE\_1\_0.txt)
//
// getrandom() capable platforms
//

#include <boost/config.hpp>
#include <boost/throw_exception.hpp>
#include <boost/predef/library/c/gnu.h>
#include <cerrno>
#include <cstdint>

#if !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)
#if BOOST_LIB_C_GNU >= BOOST_VERSION_NUMBER(2, 25, 0)
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER
#elif defined(__has_include)
#if __has_include(<sys/random.h>)
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER
```

```

#endif
#endif
#endif // !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)

#if defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)
#include <sys/random.h>
#else
#include <stddef.h> // ssize_t
#endif

namespace boost {
namespace uuids {
namespace detail {

class random_provider_base
{
public:
    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        std::size_t offset = 0;
        while (offset < siz)
        {
            ssize_t sz = get_random(static_cast< char*>(buf) + offset, siz - offset, 0u);

            if (BOOST_UNLIKELY(sz < 0))
            {
                int err = errno;
                if (err == EINTR)
                    continue;
                BOOST_THROW_EXCEPTION(entropy_error(err, "getrandom"));
            }

            offset += sz;
        }
    }

private:
    static ssize_t get_random(void *buf, std::size_t size, unsigned int flags)
    {
#if defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)
        return BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM(buf, size, flags);
#elif defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)
        return ::getrandom(buf, size, flags);
#else
        return ::syscall(SYS_getrandom, buf, size, flags);
#endif
    }
};
}
}
}

```

```
#endif
}
};

} // detail
} // uuids
} // boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_getrandom.hpp
```

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```
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 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * See http://www.boost.org/libs/poly_collection for library home page.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/function_collection_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/callable_wrapper_iterator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/any_iterator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/auto_iterator.hpp
```

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```
/*!
```

```
@file
```

Defines common methods for all Boost.Fusion sequences.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/boost/fusion/detail/common.hpp
```

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```
/* Boost interval/interval.hpp header file
```

```
*/
```

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/interval.hpp

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/\*!

@file

Forward declares `boost::hana::Ring`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/ring.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/is\_sorted.hpp

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/\* boost random/detail/qrng\_base.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/detail/qrng\_base.hpp

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```
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=====*/
```

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/equal\_to\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_next\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/distance\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/reverse\_cons.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/joint\_view\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/segmented\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_equal\_to.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_segmented.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segments.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_fold\_until.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/size\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/support/segmented\_fold\_until.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_end\_impl.hpp  
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@file

Includes all the adaptors for the standard library.

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/generic\_rk\_operations.hpp

[begin\_description]

Operations caller for the generic Runge Kutta method.

[end\_description]

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zip/1.75.0/include/boost/spirit/home/support/meta\_compiler.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/make\_component.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/modify.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/make\_cons.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/common\_terminals.hpp

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\*

\* This header is deprecated, use boost/winapi/condition\_variable.hpp instead.

\*/

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zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/as\_fusion\_element.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/not\_equal\_to.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/equal\_to.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less\_equal.hpp  
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[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_resize.hpp

[begin\_description]

Enable resizing for thrusts device and host\_vector.

[end\_description]

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[auto\_generated]

boost/numeric/odeint/integrate/max\_step\_checker.hpp

[begin\_description]

Throws exception if too many steps are performed.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/max\_step\_checker.hpp

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@file

Forward declares `boost::hana::monadic\_fold\_left`.

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@file

Defines an equivalent to the proposed `std::void\_t`.

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/\* boost random/student\_t\_distribution.hpp header file

\*/

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zip/1.75.0/include/boost/container/detail/guards\_dended.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/implicit\_euler.hpp

[begin\_description]

Implementation of the implicit Euler method. Works with ublas::vector as state type.

[end\_description]

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```
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```
/* Tells C++ coroutines about Outcome's result
(C) 2019-2020 Niall Douglas <http://www.nedproductions.biz/> (12 commits)
File Created: Oct 2019
```

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zip/1.75.0/include/boost/outcome/experimental/coroutine\_support.hpp

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[auto\_generated]

boost/numeric/odeint/external/mpi/mpi\_vector\_state.hpp

[begin\_description]

Copying a container from/to an mpi\_state splits/joins it.

[end\_description]

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Forward declares `boost::hana::comparing`.

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```
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```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/one.hpp

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```
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```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/set.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/list.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/flat_set.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/vector.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/deque.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/stable_vector.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/detail/allocator_common.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/variadic_templates_tools.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/pair.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/string.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/managed_xsi_shared_memory.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/allocation_type.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/map.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/slist.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/version_type.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/flat_map.hpp
```

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/*
```

```
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/core/detail/chacha.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/base/explicit_stepper_base.hpp
```

```
[begin_description]
```

```
Base class for all explicit Runge Kutta steppers.
```

```
[end_description]
```

```
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```

```
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```

```
Copyright 2012 Christoph Koke
```

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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit_stepper_base.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/support/detail/is_native_fusion_sequence.hpp
No license file was found, but licenses were detected in source scan.
```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip10.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip20.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip50.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip30.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip40.hpp
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```

```
/*!
@file
Forward declares `boost::hana::lexicographical_compare`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/hana/fwd/lexicographical\_compare.hpp  
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/\*!

@file

Defines `boost::hana::Sequence`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/sequence.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/common\_algorithms.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/throw\_exception.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/allocator\_version\_traits.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/array\_algebra.hpp

[begin\_description]

Algebra for Arrays. Highly specialized for odeint. Const arguments are  
introduce to work with odeint.

The Array algebra can be used for Array structures with two template  
parameters:

Array<T, N>

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/array\_algebra.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/implicit.hpp

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```
/*!
@file
Forward declares `boost::hana::type` and related utilities.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/type.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/operator/keywords.hpp

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```
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zip/1.75.0/include/boost/uuid/detail/config.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/uuid\_x86.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_proc\_address.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/wait\_constants.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/wait\_on\_address.hpp

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/\*!

@file

Defines `boost::hana::group`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/group.hpp

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@file

Forward declares `boost::hana::EuclideanRing`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/euclidean\_ring.hpp

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/\* Proposed SG14 status\_code

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File Created: Jan 2020

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/getaddrinfo\_code.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/common.hpp

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/\*!

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Forward declares `boost::hana::members`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/members.hpp

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/\*!

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Forward declares `boost::hana::prepend`.

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zip/1.75.0/include/boost/hana/fwd/prepend.hpp

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/\*!

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Forward declares `boost::hana::drop\_while`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_while.hpp

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/\*!

@file

Forward declares `boost::hana::negate`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/negate.hpp

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/\*!

@file

Forward declares `boost::hana::Applicative`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/applicative.hpp

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Defines `boost::hana::if\_`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/if.hpp

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/std\_tuple.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/nil.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/numeric\_utils.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/algebra/vector_space_algebra.hpp

[begin_description]
An algebra for types which have vector space semantics, hence types on which the operators +, -, * are well defined.
[end_description]
```

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zip/1.75.0/include/boost/numeric/odeint/algebra/vector\_space\_algebra.hpp  
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/\* Exception types throwable  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/bad\_access.hpp  
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/\*

[auto\_generated]  
boost/numeric/odeint/stepper/runge\_kutta4.hpp

[begin\_description]  
Implementation of the classical Runge-Kutta stepper with the generic stepper.  
[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta4.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/viennacl\_operations.hpp

[begin\_description]

ViennaCL operations.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/viennacl/viennacl\_operations.hpp

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/\*

=====  
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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/multi\_pass\_fwd.hpp

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```
/*-----  
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Copyright (c) 2001-2011 Hartmut Kaiser  
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```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/optional_traits.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric_utils/sign.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric_utils/pow10.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/container_traits.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric_utils/extract_real.hpp  
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```

```
/*  
[auto_generated]  
boost/numeric/odeint/integrate/detail/integrate_times.hpp
```

```
[begin_description]  
Default integrate times implementation.  
[end_description]
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate_times.hpp  
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```

```
/*!  
@file  
Defines `boost::hana::any`.
```

```
@copyright Louis Dionne 2013-2017
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/any.hpp  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/core.hpp  
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\*  
\* See <http://www.boost.org/libs/flyweight> for library home page.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/flyweight/detail/default\_value\_policy.hpp  
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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/function.hpp  
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=====\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/size\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/segmented\_fold.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_size.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/find\_if\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/is\_segmented\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/advance\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/at\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/find\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/segmented\_find\_if.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/segments\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/segmented\_find.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/segmented\_for\_each.hpp

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/\* Boost interval/compare/lexicographic.hpp template implementation file

\*

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\*

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/lexicographic.hpp

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```
/* Type sugar for success and failure
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (25 commits)
File Created: July 2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/outcome/success_failure.hpp
```

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```
/*=====
```

Boost.Wave: A Standard compliant C++ preprocessor library

This is the current version of the Wave library

<http://www.boost.org/>

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/wave\_version.hpp

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```
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# * *  
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# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/list/to\_seq.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/pool\_options.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/tree\_value\_compare.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/small\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/memory\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/dlmalloc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/flat\_set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/resource\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/uses\_allocator\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/scoped\_allocator\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/block\_slist.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/pmr/set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/stable\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/monotonic\_buffer\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/slist.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/polymorphic\_allocator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/block\_list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/flat\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/unsynchronized\_pool\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/synchronized\_pool\_resource.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/small\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/string.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/dispatch\_uses\_allocator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/devector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/global\_resource.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/mkl/mkl\_operations.hpp

[begin\_description]

Wrapper classes for intel math kernel library types.

Get a free, non-commercial download of MKL at

<http://software.intel.com/en-us/articles/non-commercial-software-download/>

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mkl/mkl\_operations.hpp

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See <http://www.boost.org/> for latest version.

Based on <https://blogs.msdn.microsoft.com/oldnewthing/20170104-00/?p=95115>

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/apply\_permutation.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/platform\_detected.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/comp\_detected.h

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@file

Defines `boost::hana::detail::operators::adl`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/adl.hpp

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@file

Forward declares `boost::hana::unfold\_right`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/unfold\_right.hpp

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pack.h

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/pack.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/max\_size\_decorator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/enable\_final\_rotation.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/block\_size.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/keywords/name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/pause.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/ipc/object\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/c\_str.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/capacity.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/sfinae\_tools.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/overflow\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/permissions.hpp  
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```
/* Boost interval/detail/sparc_rounding_control.hpp file
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*
* The basic code in this file was kindly provided by Jeremy Siek.
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/sparc\_rounding\_control.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::range`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/range.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/version.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/iterator/adaptive\_time\_iterator.hpp

[begin\_description]

Iterator for iterating throught the solution of an ODE with adaptive step size. The dereferenced types contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/iterator/adaptive\_time\_iterator.hpp  
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/\*

=====  
Copyright (c) 2015 Paul Fultz II

combine.h

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/combine.hpp

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/\*

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\*

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\*

\* This header is deprecated, use boost/winapi/config.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/config.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/is\_permutation.hpp

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/\*!

@file

Forward declares `boost::hana::remove\_at` and `boost::hana::remove\_at\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_at.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::reverse\_apply`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply.hpp

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```

* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.
*
* File:    boost/iostreams/detail/restrict.hpp
* Date:    Sun Jan 06 12:57:30 MST 2008
* Copyright: 2008 CodeRage, LLC
            2004-2007 Jonathan Turkanis
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com
*
* Defines the class template boost::iostreams::restriction and the
* overloaded function template boost::iostreams::slice.
*
* This header is provided for platforms on which "restrict" is a keyword.
*/

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/slice.hpp

```

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```

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Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2010 Bryce Lelbach

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/string_traits.hpp

```

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```

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```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/json/detail/ryu/detail/common.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/json/detail/ryu/ryu.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-

```

zip/1.75.0/include/boost/json/detail/ryu/detail/digit\_table.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s\_intrinsics.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/impl/d2s.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s\_full\_table.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::fill`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fill.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/detail/uniform_int_float.hpp header file  
*  
* Copyright Jens Maurer 2000-2001  
* Copyright Steven Watanabe 2011  
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* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/uniform\_int\_float.hpp  
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```
/*!  
@file  
Defines `boost::hana::detail::type_at`.
```

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/type\_at.hpp

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/\*!

@file

Defines `boost::hana::compose`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/compose.hpp

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/\*!

@file

Defines `boost::hana::empty`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/empty.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/same\_instance.hpp

[begin\_description]

Basic check if two variables are the same instance

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/same\_instance.hpp

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/\*

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(glenjofe@gmail.com)

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/detail/buffer\_fill.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/detail/ostream\_guard.hpp

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\*

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_x86.hpp

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable_traits/add_member_lvalue_reference.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable_traits/add_member_rvalue_reference.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Copyright Beman Dawes 1994-99. Distributed under the Boost
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/timer.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/progress.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/negative_binomial_distribution.hpp header file  
*  
* Copyright Steven Watanabe 2010  
* Distributed under the Boost Software License, Version 1.0. (See  
* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/negative_binomial_distribution.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
* Copyright 2010 Vicente J. Botet Escriba  
*  
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*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get_current_process_id.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get_process_times.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/generation/generation_runge_kutta_cash_karp54_classic.hpp
```

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method with the classical implementation.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54\_classic.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl.hpp

[begin\_description]

includes all headers required for using vexcl in odeint

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl.hpp

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/\* boost random/seed\_seq.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/seed\_seq.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/make\_local\_shared\_array.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/std\_ns\_end.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/std\_ns\_begin.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/const\_step\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/const\_step\_iterator.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/preprocessed/vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument.hpp

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```
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* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/multi_index for library home page.
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/is\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/mem\_fun.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/seq\_index\_node.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/key.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/copy\_move\_algo.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/node\_alloc\_holder.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/config\_end.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/adl\_move\_swap.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/map.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/node\_pool.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pair\_key\_mapped\_of\_value.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/adaptive\_pool.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/node\_pool\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_common.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/allocation\_type.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/version\_type.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/workaround.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/flat\_map.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/min\_max.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/flat\_set.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/alloc\_lib.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/workaround.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/config\_begin.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_common\_alloc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/multiallocation\_chain.hpp  
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Revision history:

2 Dec 2014 mtc First version; power

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/algorithm.hpp  
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zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_ppc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_arm.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/no\_case.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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eval.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

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```
/*
[auto_generated]
boost/numeric/odeint/external/thrust/thrust_algebra_dispatcher.hpp
```

```
[begin_description]
algebra_dispatcher specialization for thrust
[end_description]
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_algebra\_dispatcher.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/external/blaze/blaze_resize.hpp
```

```
[begin_description]
tba.
[end_description]
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_resize.hpp

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\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/base\_model.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/poly\_collection.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/functional.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/function\_model.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/value\_holder.hpp

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@file

Defines `boost::hana::monadic_fold_left`.`

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zip/1.75.0/include/boost/math\_fwd.hpp

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[auto\_generated]

boost/numeric/odeint/iterator/n\_step\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.

The dereferenced type contains also the time.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/n\_step\_time\_iterator.hpp

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@file

Defines `boost::hana::Iterable`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/iterable.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/none\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx14/mismatch.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/iota.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx14/equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/all\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/copy\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/one\_of.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt\_base.hpp

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@file

Defines operators for Searchables.

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zip/1.75.0/include/boost/hana/detail/operators/searchable.hpp  
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```
/*=====
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Copyright (c) 2011 Bryce Lelbach
http://spirit.sourceforge.net/

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

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zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_value\_actor.hpp  
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```
/*!
@file
Forward declares `boost::hana::duplicate`.

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*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/duplicate.hpp  
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```
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=====*/
```

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zip/1.75.0/include/boost/multiprecision/tommath.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/number.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/mpfr.hpp  
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zip/1.75.0/include/boost/multiprecision/detail/default\_ops.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/mpfi.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/gmp.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/generic\_interconvert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/number\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/et\_ops.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/rational\_adaptor.hpp

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Revision history:

January 2008 mtc Version for Adobe Source Library

January 2013 mtc Version for Boost.Algorithm

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zip/1.75.0/include/boost/exception/info\_tuple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/swizzle4.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_operations4.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/exception/detail/shared\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/deduce\_mat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/vec.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/diagnostic\_information.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/enable\_error\_info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_register.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_access.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/to\_string.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/deduce\_quat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/detail/cofactor\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_traits\_defaults.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/mat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/detail/vec\_assign.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/inline.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_operations3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_mat\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/clone\_current\_exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/map\_mat\_mat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_traits\_defaults.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/exception/errinfo\_file\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/all.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/vec\_access.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/detail/swizzle\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/swizzle4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/vec\_register3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/error\_info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/detail/determinant\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/gen/mat\_operations4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/gen/vec\_assign3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/swizzle.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/math.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/detail/vec\_register\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/all.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/vec\_traits\_defaults.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/current\_exception\_cast.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/vec\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/detail/error\_info\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/detail/transp\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/enable\_current\_exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/exception/errinfo\_nested\_exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/gen/vec\_mat\_operations4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/detail/remove\_const.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_mat\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/map\_vec\_mat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/swizzle3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/scalar\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/deduce\_vec.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/map\_mat\_vec.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/object\_hex\_dump.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/errinfo\_type\_info\_name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_assign3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/deduce\_scalar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/throw\_exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_operations2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_operations3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/errinfo\_api\_function.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_access.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/detail/mat\_assign.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/errinfo\_file\_handle.hpp  
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zip/1.75.0/include/boost/exception/detail/is\_output\_streamable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/static\_assert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_vec\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/type\_info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/swizzle2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_mat\_operations4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/assert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/get\_error\_info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_assign2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/enable\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/swizzle2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/errinfo\_file\_open\_mode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_register4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/detail/quat\_assign.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/to\_string\_stub.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/to\_string.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_traits\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_operations.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/exception/info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_register2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_traits\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/qvm/quat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/errinfo\_errno.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/exception\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_operations3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_assign4.hpp  
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```
/* boost random/shuffle_order.hpp header file
 *
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 *
 * See http://www.boost.org for most recent version including documentation.
 *
 * $Id$
 *
 */
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/shuffle\_order.hpp  
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```
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+-----*/
```

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zip/1.75.0/include/boost/icl/impl\_config.hpp

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 */
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/log/keywords/target_file_name.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/integrate/detail/integrate_adaptive.hpp
```

```
[begin_description]
Default Integrate adaptive implementation.
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate_adaptive.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/include/make_unfused.hpp
```

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```
/*=====
```

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protect.h

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/protect.hpp

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unwrap.h

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/unwrap.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/arm.h

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/\*

[auto\_generated]

boost/numeric/odeint/util/split.hpp

[begin\_description]

Split abstraction for parallel backends.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/split.hpp

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/\* Policies for result and outcome

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File Created: Oct 2017

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/outcome\_exception\_ptr\_rethrow.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_struct.hpp

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```
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# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE\_1\_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/push\_front.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/push\_back.hpp

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```
/*  
[auto_generated]  
boost/numeric/odeint/config.hpp
```

```
[begin_description]  
Sets configurations for odeint and used libraries. Should be included before any other odeint library  
[end_description]
```

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zip/1.75.0/include/boost/numeric/odeint/config.hpp

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```
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=====*/
```

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```

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*
* See http://www.boost.org/libs/multi_index for library home page.
*/
```

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zip/1.75.0/include/boost/multi\_index/detail/cons\_stdtuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/is\_transparent.hpp

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/\*  
[auto\_generated]  
boost/numeric/odeint/external/mpi/mpi.hpp

[begin\_description]  
Wrappers for MPI.  
[end\_description]

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\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp  
\* Date: Thu Dec 06 13:21:54 MST 2007  
\* Copyright: 2007-2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com  
\*

\* Defines the function boost::iostreams::detail::absolute\_path, used for  
\* debug output for mapped files.  
\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/fusion/algorithm/query/detail/all.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count\_if.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/count\_if.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/none.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/allocator\_traits.hpp

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/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file

\*

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zip/1.75.0/include/boost/spirit/home/qi/char/char.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/x3/directive/with.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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Forward declares `boost::hana::Foldable`.

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zip/1.75.0/include/boost/align/detail/aligned\_alloc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/align/aligned\_delete\_forward.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_new.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_msvc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_delete.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/align.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/max\_size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/max\_align.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_alloc.hpp

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zip/1.75.0/include/boost/phoenix/core/environment.hpp  
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zip/1.75.0/include/boost/log/detail/attachable_sstream_buf.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/log/utility/string_literal.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/base/symplectic_rkn_stepper_base.hpp
```

```
[begin_description]
```

```
Base class for symplectic Runge-Kutta-Nystrom steppers.
```

```
[end_description]
```

```
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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/base/symplectic_rkn_stepper_base.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::lockstep`.
```

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*/
```

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```
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zip/1.75.0/include/boost/spirit/home/classic/symbols/symbols.hpp

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zip/1.75.0/include/boost/spirit/home/classic/core/config.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/range\_run.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/nil.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/symbols.hpp

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zip/1.75.0/include/boost/spirit/home/classic/attribute/parametric.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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```
zip/1.75.0/include/boost/atomic/detail/gcc_arm_asm_common.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_ops_gcc_arm.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::count_if`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/count_if.hpp
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```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_copy.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_algebra_dispatcher.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_resize.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_norm_inf.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/remove_typename.hpp
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```

```
/* boost random/detail/int_float_pair.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2010-2011
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* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/int\_float\_pair.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/resizer.hpp

[begin\_description]

Implementation of the resizers.

[end\_description]

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Copyright 2011 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/resizer.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/convex.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/os400.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language/stdc.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language/objc.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language/stdcpp.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/cxx.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/test\_def.h

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/pyramid.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/vms.h
```

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/\* Policies for result and outcome

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/outcome_error_code_throw_as_system_error.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/terminate.hpp
```

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/\* Proposed SG14 status\_code

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Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/posix\_code.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/error.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_domain.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/com\_code.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/status\_error.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/nt\_code.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/iostream\_support.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/win32\_code.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_code.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_error2.hpp

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```
/*=====
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_of\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/value\_of\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/value\_of\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/value\_of\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/at\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/key\_of.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/deref\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/value\_of\_data.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/deref\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/basic\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/value\_of\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/value\_of\_data.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/deref\_data.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/key\_of\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref\_data\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/key\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/key\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/deref\_data.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_of\_data\_impl.hpp  
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@file

Defines `boost::hana::greater`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/greater.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ignore\_wstrict\_aliasing.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/index\_node\_base.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/restore\_wstrict\_aliasing.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/is\_aligned.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_controlled\_runge\_kutta.hpp

[begin\_description]

Specialization of the controller factory for the controlled\_runge\_kutta class.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_controlled\_runge\_kutta.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/repeat.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_mutex\_wrapper.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_recursive\_mutex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_mutex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_sync.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_condition.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_semaphore.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_condition\_any.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_wrapper\_common.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_semaphore\_wrapper.hpp

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@file

Forward declares `boost::hana::Sequence`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/sequence.hpp

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\*

\* This header is deprecated, use boost/winapi/shell.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/shell.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core.hpp

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@file add\_transaction\_safe

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_transaction\_safe.hpp

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/\* boost random/detail/const\_mod.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/const\_mod.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*

\* This header is deprecated, use boost/winapi/mutex.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/mutex.hpp

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/\*

@file remove\_transaction\_safe

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_transaction\_safe.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/\_prefix.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/\_prefix.h

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Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/task\_region.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_adaptor.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/parallel/v2/inline\_namespace.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/parallel/v1/inline\_namespace.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/parallel/v1/exception\_list.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_op\_status.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/config/inline\_namespace.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_views.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_base.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_base.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_views.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_adaptor.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/experimental/exception\_list.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/adaptive\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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Copyright 2009-2012 Mario Mulansky

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/impl/adaptive\_iterator\_impl.hpp

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```
/*=====
Copyright (c) 2014 Paul Fultz II
fix.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/fix.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::split_at`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/split\_at.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2016 Frank Hein, maxence business consulting gmbh

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/expect.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::empty`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/empty.hpp

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```
/*=====
Copyright (c) 2005-2013 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/map\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/build\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/map\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/build\_deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/build\_deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/end\_impl.hpp

No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/iterator/times_iterator.hpp
```

```
[begin_description]
Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.
[end_description]
```

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Copyright 2009-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/times\_iterator.hpp  
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/\*!

@file

Forward declares `boost::hana::and`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/and.hpp

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/\*

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\*

\* This header is deprecated, use boost/winapi/handle\_info.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/handle\_info.hpp

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/\*!

@file

Defines `boost::hana::replace\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/replace\_if.hpp

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intrinsic.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/intrinsics.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/alignment\_of.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator\_adaptor.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/integral\_constant.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp

[begin\_description]

Wrapper for gsl\_vector.

[end\_description]

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp

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\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/regex/v4/basic\_regex.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Whitespace eater

http://www.boost.org/

Copyright (c) 2003 Paul Mensonides
Copyright (c) 2001-2012 Hartmut Kaiser.
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/whitespace\_handling.hpp

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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/nothing.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/is\_actor.hpp

No license file was found, but licenses were detected in source scan.

```
/* *****
# * *
```

```
# * (C) Copyright Paul Mensonides 2003.
# * (C) Copyright Edward Diener 2014.
# * Distributed under the Boost Software License, Version 1.0. (See
# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE_1_0.txt)
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/facilities/is_empty.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/ublas_wrapper.hpp
```

```
[begin_description]
```

```
Resizing for ublas::vector and ublas::matrix
```

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/util/ublas_wrapper.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/controlled_step_result.hpp
```

```
[begin_description]
```

```
Defines the result type for all controlled stepper.
```

```
[end_description]
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_step\_result.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/functions/trig.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/functions/constants.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/null\_observer.hpp

[begin\_description]

null\_observer

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/null\_observer.hpp

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/\*!

@file

Defines `boost::hana::permutations`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/permutations.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2007 Tobias Schwinger

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/end\_impl.hpp

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```
/* boost random/subtract_with_carry.hpp header file
*
* Copyright Jens Maurer 2002
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
```

\* 2002-03-02 created

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/subtract\_with\_carry.hpp

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```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2011.  
# * (C) Copyright Edward Diener 2011,2014.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/list/to\_array.hpp

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```
/* *****  
# *  
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# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/is\_empty.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_times.hpp

[begin\_description]

Default integrate times implementation.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_times.hpp

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/\*!

@file

Forward declares `boost::hana::detail::nested\_than`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_than\_fwd.hpp

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@file

Defines `boost::hana::when` and `boost::hana::when\_valid`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/when.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_system\_directory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_system\_directory.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_const.hpp

[begin\_description]

integrate const implementation

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_const.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_spirit.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/node\_allocator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/mem\_algo/rbtree\_best\_fit.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/sync/mutex\_family.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config\_end.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/iunordered\_set\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/condition.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/permissions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/posix\_time\_types\_wrk.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/in\_place\_interface.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/segment\_manager.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/pthread\_helpers.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/recursive\_mutex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/adaptive\_pool.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/cast\_tags.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/interprocess\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed\_memory\_impl.hpp  
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zip/1.75.0/include/boost/interprocess/sync/detail/condition\_algorithm\_8a.hpp  
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zip/1.75.0/include/boost/interprocess/shared\_memory\_object.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/anonymous\_shared\_memory.hpp  
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zip/1.75.0/include/boost/interprocess/sync/spin/condition.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/ipc/message\_queue.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/windows\_shared\_memory.hpp  
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zip/1.75.0/include/boost/interprocess/sync/posix/semaphore.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_windows\_shared\_memory.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/detail/intersegment\_ptr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/mem\_algo/detail/mem\_algo\_common.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/os\_file\_functions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/semaphore.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/null\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/indexes/flat\_map\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/semaphore\_wrapper.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/iset\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/sync/upgradable\_lock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/detail/config\_begin.hpp  
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zip/1.75.0/include/boost/interprocess/file\_mapping.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/sync\_utils.hpp  
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zip/1.75.0/include/boost/interprocess/errors.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/map\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/creation\_tags.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_semaphore.hpp  
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```
/* boost random/xor_combine.hpp header file
 *
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 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * See http://www.boost.org for most recent version including documentation.
 *
 * $Id$
 *
 */
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/xor\_combine.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::basic_tuple`.
```

```
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```

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zip/1.75.0/include/boost/hana/fwd/basic\_tuple.hpp

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/\* Boost interval/compare/explicit.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/explicit.hpp

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@file

Defines `boost::hana::monadic\_fold\_right`.

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\*

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_gcc\_atomic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_gcc\_atomic.hpp  
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zip/1.75.0/include/boost/multiprecision/traits/transcendental\_reduction\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/add\_unsigned.hpp  
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```
/*=====
Copyright (c) 2015 Paul Fultz II
apply.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/apply.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/iterator/times_time_iterator.hpp
```

```
[begin_description]
Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.
The dereferenced type contains also the time.
[end_description]
```

Copyright 2009-2013 Karsten Ahnert  
Copyright 2009-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/times\_time\_iterator.hpp

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```
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Copyright (c) 2010-2011 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/define_assoc_struct.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/define_struct.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/define_struct.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/adapt_assoc_struct_named.hpp
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```

```
/*!
@file
Defines `boost::hana::zip`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/zip.hpp
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```

```
/*
Copyright Jessica Hamilton 2014
Copyright Rene Rivera 2014-2015
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http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/os/haiku.h
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate.hpp  
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/\* boost random/non\_central\_chi\_squared\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

Found in path(s):

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zip/1.75.0/include/boost/random/non\_central\_chi\_squared\_distribution.hpp  
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/\* Policies for result and outcome

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/result\_exception\_ptr\_rethrow.hpp

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/\* Essentially an internal optional implementation :)

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (24 commits)

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zip/1.75.0/include/boost/outcome/detail/value\_storage.hpp

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zip/1.75.0/include/boost/math/special\_functions/nonfinite\_num\_facets.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/times.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/views/unordered\_set\_view.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/is\_sequence.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/detail/manage\_additional\_parameters.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/pair\_view.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/divides.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/preprocessor/impl/forwarding\_overloads.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fiber/future/promise.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/match.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/minimal\_less\_equal\_header.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/test/impl/test\_framework\_init\_observer.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp98/first\_of.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/parameter/aux\_/has\_nested\_template\_fn.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/foldl1.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/dll/library\_info.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/fwd/get\_prev\_char.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/config\_begin.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp11/repeated\_one\_of1.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/algo/adaptive\_merge.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/plain/less\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/transform\_error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/ordered\_associative\_container\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/bool\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/intrusive/treap.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/ptr\_to\_ref.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/less.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/histogram/detail/variant\_proxy.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ctps/divides.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc\_pre590/basic\_bind.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/intrusive/derivation\_value\_traits.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/coroutine/segmented\_stack\_allocator.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/metaparse/v1/source\_position\_tag.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/context/segmented\_stack.hpp  
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zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc\_pre590/apply\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessor/params.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/begin.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_variance.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/error/none\_of\_the\_expected\_cases\_found.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/get\_remaining.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/lambda\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/uncast.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/list/aux\_/front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/metaparse/v1/if\_.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ctps/less\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/string/find\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/greater\_equal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ctps/lambda\_no\_ctps.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/dll/detail/posix/path\_from\_handle.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp98/impl/sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/plus.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc/reverse\_fold\_impl.hpp  
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```
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/lambda.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/lambda.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_40.hpp  
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```
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_base\_set.hpp  
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/\* Boost interval/detail/ppc\_rounding\_control.hpp file  
\*  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/ppc\_rounding\_control.hpp  
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zip/1.75.0/include/boost/fusion/view/transform\_view/detail/at\_impl.hpp  
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\*  
\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/copy\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/index\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_ptr\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/undef\_if\_constexpr\_macro.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/random\_access\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/safe\_mode\_errors.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/bucket\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/sequenced\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/archive\_constructed.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/hashed\_index.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/allocator\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/seq\_index\_ops.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/scope\_guard.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/safe\_mode.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/hash\_index\_node.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/hash\_index\_iterator.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/ranked_index.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/define_if_constexpr_macro.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/auto_space.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/converter.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/node_handle.hpp
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```

```
/* boost random/detail/disable_warnings.hpp header file
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/disable_warnings.hpp
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```

```
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* Copyright 2016 Jorge Lodos
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*
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*/
```

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```
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zip/1.75.0/include/boost/winapi/dbghelp.hpp
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```

```
/*!
@file
Defines `boost::hana::members`.
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/members.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_dense\_output\_runge\_kutta.hpp

[begin\_description]

Specialization of the controller factory for the dense\_output\_runge\_kutta class.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_dense\_output\_runge\_kutta.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_arm\_common.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_alpha.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_ppc\_common.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_ops_gcc_ppc.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_ops_gcc_alpha.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_arch_gcc_ppc.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::Constant`.
```

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```

```
*/
```

```
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```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/constant.hpp
```

```
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::accessors`.
```

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```
*/
```

```
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```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/accessors.hpp
```

```
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```

```
/*=====
```

```
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```
tap.h
```

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```

```
=====*/
```

```
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```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/tap.hpp
```

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```
/*
```

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zip/1.75.0/include/boost/callable\_traits/is\_volatile\_member.hpp

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@file

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zip/1.75.0/include/boost/hana/plus.hpp

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/\* Boost interval/rounded\_transc.hpp template implementation file

\*

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zip/1.75.0/include/boost/detail/bitmask.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_arm.hpp  
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\*  
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\*/

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zip/1.75.0/include/boost/detail/winapi/security.hpp  
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Found in path(s):

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zip/1.75.0/include/boost/spirit/home/x3/auxiliary/any\_parser.hpp  
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zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/script\_table.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/lowercase\_table.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/category\_table.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/uppercase\_table.hpp  
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\*  
\* This header is deprecated, use boost/winapi/dll.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/dll.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/detail/alternative.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/call.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/parse.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/alternative.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/lexeme.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/directive/omit.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/and\_predicate.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/detail/parse\_into\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/difference.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/not\_predicate.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/guard.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/expect.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/detail/sequence.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Paul Fultz II
reverse_fold.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/reverse\_fold.hpp  
No license file was found, but licenses were detected in source scan.

```
// Copyright Kevlin Henney, 2000, 2001, 2002. All rights reserved.
// Distributed under the Boost Software License, Version 1.0. (See
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/any.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::take_back`.

@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/take\_back.hpp

No license file was found, but licenses were detected in source scan.

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/swap.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/pair\_tie.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/join.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at\_key.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/value\_at\_key.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/apply\_eval.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::none_of` .

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/none\_of.hpp  
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```
/* boost random/random_device.hpp header file
*
* Copyright Jens Maurer 2000
* Copyright Steven Watanabe 2010-2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* $Id$
*
* Revision history
* 2000-02-18 Portability fixes (thanks to Beman Dawes)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/random\_device.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/array\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/filter.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/has\_key\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/tag\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_mpl\_sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/fusion/adapted/boost_array/detail/value_at_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/end_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/boost_array/detail/at_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/category_of_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/reverse_view/detail/advance_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is_view_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/boost_array/detail/is_view_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/size_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/filter_view/detail/equal_to_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/at_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/boost_array.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/boost_array/detail/end_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/transform_view/detail/prior_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/tag_of.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/value_at_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/integrate/integrate_const.hpp
```

```
[begin_description]
```

```
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.  
The routines makes full use of adaptive and dense-output methods.
```

```
[end_description]
```

```
Copyright 2009-2011 Karsten Ahnert
```

```
Copyright 2009-2011 Mario Mulansky
```

```
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```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate_const.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::extend`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/extend.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/detail/ia64_rounding_control.hpp file
```

```
*/
```

```
* Copyright 2006-2007 Boris Gubenko
```

```
*/
```

```
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```

```
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```

```
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/ia64_rounding_control.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::tag_of` and `boost::hana::tag_of_t`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/tag_of.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*-----+
```

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+-----+  
Copyright (c) 1999-2006: Cortex Software GmbH, Kantstrasse 57, Berlin

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/value\_size.hpp

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/\*!

@file

Forward declares `boost::hana::string`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/string.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/function\_detector.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/function\_detector.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::chain`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/chain.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2009 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/cpp03/nview\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/view/nview/detail/begin\_impl.hpp  
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```
/*!
@file
Defines `boost::hana::index_if`.

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*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/index\_if.hpp  
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/\* Finaliser for a very simple result type  
(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (5 commits)  
File Created: Oct 2017

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_result\_final.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/pp\_round.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_of\_binary.hpp  
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@file

Defines `boost::hana::intersperse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/intersperse.hpp  
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/\*!

@file

Forward declares `boost::hana::zip\_with`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zip\_with.hpp  
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/\*!

@file

Defines `boost::hana::greater\_equal`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/greater\_equal.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/default\_operations.hpp

[begin\_description]

Default operations. They work with the default numerical types, like float, double, complex< double> ...

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/default\_operations.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/call\_if.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/private.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/destructor.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/config.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/auto\_ptr.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/inlined/core/exception.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/utility/is.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/check\_macro.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/old.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/contract/detail/static\_local\_var.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/override.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/specify.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_post.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/tvariadic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/check.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/inlined.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/public\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/name.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/declspec.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/assert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/public.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operator\_safe\_bool.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/debug.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/mirror.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/optional.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/member\_function\_types.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/access.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_subcontracting.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/check.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/assert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/contract/constructor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/constructor\_precondition.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/constructor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/none.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_inv.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/checking.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/base\_types.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/protected.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/decl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/virtual.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract\_macro.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/inlined/old.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/virtual.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/public\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/core/config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/inlined/detail/checking.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/destructor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/static\_public\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/contract/detail/noop.hpp  
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@file

Adapts `std::pair` for use with Hana.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/pair.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/os\_detected.h

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

State machine detecting include guards in an included file.

This detects two forms of include guards:

```
#ifndef INCLUDE_GUARD_MACRO
#define INCLUDE_GUARD_MACRO
...
#endif
```

or

```
if !defined(INCLUDE_GUARD_MACRO)
#define INCLUDE_GUARD_MACRO
...
#endif
```

note, that the parenthesis are optional (i.e. !defined INCLUDE\_GUARD\_MACRO will work as well). The code allows for any whitespace, newline and single '#' tokens before the #if/#ifndef and after the final #endif.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/detect\_include\_guards.hpp

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@file

Forward declares `boost::hana::slice` and `boost::hana::slice\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/slice.hpp

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\*

\* This header is deprecated, use boost/winapi/pipes.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/pipes.hpp

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always.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/always.hpp

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@file

Defines `boost::hana::minimum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/minimum.hpp

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compose.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/compose.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/detail/for\_each.hpp

[begin\_description]

Default for\_each implementations.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/for\_each.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/scanner.hpp  
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/\* boost random/detail/sobol\_table.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/sobol\_table.hpp  
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/\* Policies for result and outcome

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (8 commits)

File Created: Oct 2017

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zip/1.75.0/include/boost/outcome/policy/result\_error\_code\_throw\_as\_system\_error.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/fusion\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/fusion\_algebra\_dispatcher.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_tokenize\_and\_parse\_attr.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_container.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_adapt\_adt\_attributes.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_primitives.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_duplicate.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_plain\_token.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_generate\_static\_lexertl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_utree.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_rule.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_ostream\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_extended\_variant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_matches.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_no\_skip.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_char\_token\_def.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_attributes\_fwd.hpp  
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/\*!

@file

Defines `boost::hana::monadic\_compose`.

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/\* Boost interval/detail/msvc\_rounding\_control.hpp file

\*

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zip/1.75.0/include/boost/numeric/interval/detail/msvc\_rounding\_control.hpp  
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```
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```

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*/
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zip/1.75.0/include/boost/winapi/get\_last\_error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/directory\_management.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/init\_once.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/timers.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/security.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_process.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/synchronization.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/local\_memory.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_thread.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/condition\_variable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_thread\_id.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/critical\_section.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_thread\_times.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/srw\_lock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/handles.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/semaphore.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/apc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/thread.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/memory.hpp  
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```
/*=====
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/regex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/confix.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/fundamental.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/lists.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/refactoring.hpp  
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```
/* boost random auto_link.hpp header file
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*
```

\* \$Id\$

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/auto\_link.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/operators.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/detail/utree\_detail2.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/detail/utree\_detail1.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_2.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_2.hpp

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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/winapi/detail/header.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/footer.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/header.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/winapi/detail/footer.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::length`.
```

```
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```

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```
*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/length.hpp
```

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```
/*
```

```
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```

```
*
```

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```
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```

```
*
```

```
* This header is deprecated, use boost/winapi/file_mapping.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/file_mapping.hpp
```

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```
/*=====
```

```
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_fwd.hpp

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Forward declares `boost::hana::greater\_equal`.

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zip/1.75.0/include/boost/hana/fwd/greater\_equal.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/no\_actions.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct.hpp

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Forward declares `boost::hana::is\_disjoint`.

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Revision history:

27 June 2009 mtc First version

23 Oct 2010 mtc Added predicate version

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/clamp.hpp

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construct.h

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\*/

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zip/1.75.0/include/boost/hof/construct.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container\_hash/hash.hpp

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@file

Defines `boost::hana::count`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/count.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/extended\_p\_square\_quantile.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_extended\_p\_square.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/extended\_p\_square.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_p\_square\_quantile.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/p\_square\_quantile.hpp

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@file

Defines `boost::hana::count\_if`.

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Defines `qualifier\_flags`

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/qualifier\_flags.hpp

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zip/1.75.0/include/boost/winapi/debugapi.hpp

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zip/1.75.0/include/boost/phoenix/scope/let.hpp

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@file

Forward declares `boost::hana::one`.

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zip/1.75.0/include/boost/hana/fwd/one.hpp

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[auto\_generated]

boost/numeric/odeint/integrate/integrate\_times.hpp

[begin\_description]  
Integration of ODEs with observation at user defined points  
[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_times.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/vexcl/vexcl\_abs.hpp

[begin\_description]  
abs() specialization for vexcl  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_abs.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/adams\_bashforth.hpp

[begin\_description]

Implementaton of the Adam-Bashforth method a multistep method used for the predictor step in the  
Adams-Bashforth-Moulton method.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth.hpp  
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Defines `boost::hana::set`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/set.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_rosenbrock4.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Rosenbrock4 method.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_rosenbrock4.hpp  
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/\* boost random.hpp header file

\*

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\*

\* See <http://www.boost.org/libs/random> for documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 portability fixes (thanks to Beman Dawes)

\* 2000-02-21 shuffle\_output, inversive\_congruential\_schrage,  
\* generator\_iterator, uniform\_smallint

\* 2000-02-23 generic modulus arithmetic helper, removed \*\_schrage classes,  
\* implemented Streamable and EqualityComparable concepts for  
\* generators, added Bernoulli distribution and Box-Muller  
\* transform

\* 2000-03-01 cauchy, lognormal, triangle distributions; fixed

\* uniform\_smallint; renamed gaussian to normal distribution

- \* 2000-03-05 implemented iterator syntax for distribution functions
- \* 2000-04-21 removed some optimizations for better BCC/MSVC compatibility
- \* 2000-05-10 adapted to BCC and MSVC
- \* 2000-06-13 incorporated review results
- \* 2000-07-06 moved basic templates from namespace detail to random
- \* 2000-09-23 warning removals and int64 fixes (Ed Brey)
- \* 2000-09-24 added lagged\_fibonacci generator (Matthias Troyer)
- \* 2001-02-18 moved to individual header files
- \*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/searching/boyer\_moore.hpp  
 \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/searching/detail/bm\_traits.hpp  
 \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/searching/boyer\_moore\_horspool.hpp  
 \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/searching/knuth\_morris\_pratt.hpp  
 \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/searching/detail/debugging.hpp  
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//

// detail/impl/strand\_executor\_service.ipp

// ~~~~~

//

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```

//
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//

#ifndef BOOST_ASIO_DETAIL_IMPL_STRAND_EXECUTOR_SERVICE_IPP
#define BOOST_ASIO_DETAIL_IMPL_STRAND_EXECUTOR_SERVICE_IPP

#if defined(_MSC_VER) && (_MSC_VER >= 1200)
#pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>
#include <boost/asio/detail/strand_executor_service.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace detail {

strand_executor_service::strand_executor_service(execution_context& ctx)
: execution_context_service_base<strand_executor_service>(ctx),
  mutex_(),
  salt_(0),
  impl_list_(0)
{
}

void strand_executor_service::shutdown()
{
  op_queue<scheduler_operation> ops;

  boost::asio::detail::mutex::scoped_lock lock(mutex_);

  strand_impl* impl = impl_list_;
  while (impl)
  {
    impl->mutex_->lock();
    impl->shutdown_ = true;
    ops.push(impl->waiting_queue_);
    ops.push(impl->ready_queue_);
    impl->mutex_->unlock();
    impl = impl->next_;
  }
}

strand_executor_service::implementation_type

```

```

strand_executor_service::create_implementation()
{
    implementation_type new_impl(new strand_impl);
    new_impl->locked_ = false;
    new_impl->shutdown_ = false;

    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Select a mutex from the pool of shared mutexes.
    std::size_t salt = salt_++;
    std::size_t mutex_index = reinterpret_cast<std::size_t>(new_impl.get());
    mutex_index += (reinterpret_cast<std::size_t>(new_impl.get()) >> 3);
    mutex_index ^= salt + 0x9e3779b9 + (mutex_index << 6) + (mutex_index >> 2);
    mutex_index = mutex_index % num_mutexes;
    if (!mutexes_[mutex_index].get())
        mutexes_[mutex_index].reset(new mutex);
    new_impl->mutex_ = mutexes_[mutex_index].get();

    // Insert implementation into linked list of all implementations.
    new_impl->next_ = impl_list_;
    new_impl->prev_ = 0;
    if (impl_list_)
        impl_list_->prev_ = new_impl.get();
    impl_list_ = new_impl.get();
    new_impl->service_ = this;

    return new_impl;
}

strand_executor_service::strand_impl::~strand_impl()
{
    boost::asio::detail::mutex::scoped_lock lock(service_->mutex_);

    // Remove implementation from linked list of all implementations.
    if (service_->impl_list_ == this)
        service_->impl_list_ = next_;
    if (prev_)
        prev_->next_ = next_;
    if (next_)
        next_->prev_ = prev_;
}

bool strand_executor_service::enqueue(const implementation_type& impl,
    scheduler_operation* op)
{
    {
        impl->mutex_->lock();
        if (impl->shutdown_)
            {

```

```

impl->mutex_->unlock();
op->destroy();
return false;
}
else if (impl->locked_)
{
// Some other function already holds the strand lock. Enqueue for later.
impl->waiting_queue_.push(op);
impl->mutex_->unlock();
return false;
}
else
{
// The function is acquiring the strand lock and so is responsible for
// scheduling the strand.
impl->locked_ = true;
impl->mutex_->unlock();
impl->ready_queue_.push(op);
return true;
}
}

bool strand_executor_service::running_in_this_thread(
    const implementation_type& impl)
{
return !!call_stack<strand_impl>::contains(impl.get());
}

} // namespace detail
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_DETAIL_IMPL_STRAND_EXECUTOR_SERVICE_IPP

```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_euler.hpp

[begin\_description]

Implementation of the symplectic Euler for separable Hamiltonian systems.

[end\_description]

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zip/1.75.0/include/boost/spirit/home/qi/detail/expectation\_failure.hpp

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@file

Defines `boost::hana::min`.

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\*

\* This header is deprecated, use boost/winapi/priority\_class.hpp instead.

\*/

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zip/1.75.0/include/boost/detail/winapi/priority\_class.hpp

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zip/1.75.0/include/boost/wave/cpplexer/re2clex/aq.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/wave/cpplexer/re2clex/scanner.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar.hpp  
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[auto\_generated]

boost/numeric/odeint/external/compute/compute\_resize.hpp

[begin\_description]

Enable resizing for Boost.Compute vector

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_resize.hpp  
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@file

Defines `boost::hana::Orderable`.

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zip/1.75.0/include/boost/hana/concept/orderable.hpp  
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zip/1.75.0/include/boost/multiprecision/detail/itos.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/constexpr.hpp

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[auto\_generated]

boost/numeric/odeint/algebra/fusion\_algebra.hpp

[begin\_description]

Algebra for boost::fusion sequences.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/algebra/fusion\_algebra.hpp

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@file

Defines `boost::hana::to` and related utilities.

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zip/1.75.0/include/boost/hana/core/to.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector10\_fwd.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector30_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector20_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector50_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector40_fwd.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::plus`.
```

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```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/plus.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/generation/generation_runge_kutta_fehlberg78.hpp
```

```
[begin_description]
```

```
Enable the factory functions for the controller and the dense output of the Runge-Kutta-Fehlberg 78 method.
```

```
[end_description]
```

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```

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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation_runge_kutta_fehlberg78.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/compare.hpp template implementation file
```

```
*
```

```
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::concat`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concat.hpp  
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/\* boost random/additive\_combine.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/additive\_combine.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::while\_`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/while.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/functor\_parser.hpp

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/\*!

@file

Defines `boost::hana::hash`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/hash.hpp

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/\*\*

\* `-*- c++ -*-`

\*

\* `\file num_rows.hpp`

\*

\* `\brief The \c num_rows operation.`

\*

\* Copyright (c) 2009-2012, Marco Guazzone

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* \author Marco Guazzone, marco.guazzone@gmail.com  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/num\_rows.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate.hpp

[begin\_description]

Convenience methods which choose the stepper for the current ODE.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate.hpp  
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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/macos.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/os.h

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/\*!

@file

Defines `boost::hana::overload\_linearly`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/overload\_linearly.hpp

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/\*=====

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unpack.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/unpack.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation.hpp

[begin\_description]

Forward header for the factory functions. Includes all files from the generation directory.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/multiprecision/detail/rebind.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/utype\_helper.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/dynamic\_array.hpp  
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```
/*  
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*  
* This header is deprecated, use boost/winapi/dbghelp.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/dbghelp.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::scan_left`.  
  
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/scan\_left.hpp  
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```
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org/libs/flyweight for library home page.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/key\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/not\_placeholder\_expr.hpp

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```
/* ****  
# *  
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# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# **** */
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_256.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/shared.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward5\_256.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/control/expr\_iif.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/remove.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/size\_256.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_512.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/lower2.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/limits/split\_256.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/for\_each.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward1\_512.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/selection.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/intercept.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/split.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/elem\_512.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/slot1.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/enum\_params\_with\_defaults.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repeat\_from\_to\_2nd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/upper2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse5\_512.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/replace.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/elem\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2\_512.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/identity.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/insert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical/compl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/enum\_shifted\_params.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/debug/error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/paren\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/rlocal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/apply.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/first\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/lower5.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_512.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/slot2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/size\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/deduce\_r.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repeat\_3rd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/start.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/limits/rlocal\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/cat.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/filter.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/reverse2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/fold\_left\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical/bitxor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/expand.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/data.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/pop\_front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/min.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/upper3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/enum\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/forward5.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse1\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/lower1.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/slot4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/comma\_if.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/enum\_shifted.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward1\_256.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/remove.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/inc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/slot.hpp

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/*=====
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[auto_generated]
boost/numeric/odeint/integrate/detail/integrate_n_steps.hpp
```

```
[begin_description]
integrate steps implementation
[end_description]
```

```
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```

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zip/1.75.0/include/boost/fusion/adapted/struct/detail/deref\_data\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/value\_of\_impl.hpp

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/\*!

@file

Forward declares `boost::hana::find\_if`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/find\_if.hpp

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/\* boost random/variante\_generator.hpp header file

\*

\* Copyright Jens Maurer 2002

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/variante\_generator.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/tuple\_traits.hpp

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/\* Try operation macros

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/try.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detail/detector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detected\_or.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detected.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected\_exact.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected\_convertible.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/container.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/adams\_bashforth\_moulton.hpp

[begin\_description]

Implementation of the Adams-Bashforth-Moulton method, a predictor-corrector multistep method.

[end\_description]

Copyright 2011-2013 Karsten Ahnert  
Copyright 2011-2013 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth\_moulton.hpp

No license file was found, but licenses were detected in source scan.

/\* [auto\_generated]

boost/numeric/odeint/stepper/controlled\_runge\_kutta.hpp

[begin\_description]

The default controlled stepper which can be used with all explicit Runge-Kutta error steppers.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_runge\_kutta.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/find\_if.hpp

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/complex128.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/mpc.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is_variable_precision.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/complex_adaptor.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp_complex.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/precision.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/eigen.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::overload`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/overload.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::scan_left`.
```

```
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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/scan_left.hpp
```

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```
/* Policies for result and outcome
```

```
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```

```
File Created: Oct 2017
```

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/throw\_bad\_result\_access.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/all\_narrow.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/empty\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/fusion/support/tag_of_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/convert_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/mpl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/convert_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/set/detail/convert_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/convert_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/deque.hpp
```

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```
/* A less simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (1 commit)
```

```
File Created: June 2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/outcome/outcome.hpp
```

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```
/*=====
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capture.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/capture.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::MonadPlus`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/concept/monad\_plus.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_10.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_50.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_30.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_30.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_10.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/local\_gen.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/construct\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/new\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_10.hpp  
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```
/*=====
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Copyright (c) 2002-2003 Hartmut Kaiser
http://spirit.sourceforge.net/
```

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/parser_context.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure_context.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/meta/traverse.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/subrule.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/meta/as_parser.hpp
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```

```
/*!
@file
Forward declares `boost::hana::chain`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/chain.hpp
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```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/intrusive/rbtree_algorithms.hpp
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```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/chrono/io/time_point_io.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/integer_log2.hpp header file
*
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
```

```
*  
* $Id$  
*  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/integer_log2.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* Traits for Outcome
```

```
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (3 commits)
```

```
File Created: March 2018
```

Boost Software License - Version 1.0 - August 17th, 2003

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/trait_std_exception.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost uuid/detail/random_provider_wincrypt implementation
```

```
*
```

```
* Copyright Jens Maurer 2000
```

\* Copyright 2007 Andy Tompkins.  
\* Copyright Steven Watanabe 2010-2011  
\* Copyright 2017 James E. King III  
\*  
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\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_wincrypt.ipp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/manip.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2007 Dan Marsden
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010 Thomas Heller

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/throw.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/try\_catch.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
```

boost/numeric/odeint/util/is\_resizeable.hpp

[begin\_description]

Metafunction to determine if a state type can be resized. For usage in the steppers.

[end\_description]

Copyright 2011-2012 Karsten Ahnert

Copyright 2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/is\_resizeable.hpp

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/\*!

@file

Forward declares `boost::hana::MonadPlus`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monad\_plus.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/pivot.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/algorithm.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/rearrange.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/move\_blocks.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_vector.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/insert\_sort/insert\_sort.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/indirect.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/search.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/deque\_cnc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/merge.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/file\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/stack\_cnc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/constants.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/block.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_block.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/atomic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/heap\_sort/heap\_sort.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/sample\_sort/sample\_sort.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/scheduler.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/spinlock.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/circular\_buffer.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/merge\_blocks.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/backbone.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/spinort/spinort.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_four.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/insert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/parallel\_stable\_sort/parallel\_stable\_sort.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/sort\_basic.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/sort/flat_stable_sort/flat_stable_sort.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/sort/common/time_measure.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/sort/common/int_array.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/sort/block_indirect_sort/blk_detail/parallel_sort.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/sort/block_indirect_sort/block_indirect_sort.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::Foldable`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/foldable.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::at` and `boost::hana::at_c`.
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/at.hpp
```

```
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```

```
// Copyright 2011 Eric Niebler. Distributed under the Boost
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/template_arity.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/transform/integral_c.hpp
```

```
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```

```
/*=====
Copyright (c) 2015 Paul Fultz II
flow.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/flow.hpp
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```

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/support/detail/iterate_define.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/undef_operator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/support/iterate.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/support/detail/iterate.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/support/detail/iterate_undef.hpp
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```

```
//
// Copyright (c) 2017 James E. King III
//
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// https://www.boost.org/LICENSE_1_0.txt)
//
// BCrypt provider for entropy
//
```

```
#include <cstdint>
#include <boost/config.hpp>
#include <boost/core/ignore_unused.hpp>
#include <boost/move/core.hpp>
#include <boost/numeric/conversion/cast.hpp>
#include <boost/winapi/bcrypt.hpp>
#include <boost/winapi/get_last_error.hpp>
```

```

#include <boost/throw_exception.hpp>

#if defined(BOOST_UUID_FORCE_AUTO_LINK) || (!defined(BOOST_ALL_NO_LIB) &&
!defined(BOOST_UUID_RANDOM_PROVIDER_NO_LIB))
# define BOOST_LIB_NAME "bcrypt"
# if defined(BOOST_AUTO_LINK_NOMANGLE)
# include <boost/config/auto_link.hpp>
# else
# define BOOST_AUTO_LINK_NOMANGLE
# include <boost/config/auto_link.hpp>
# undef BOOST_AUTO_LINK_NOMANGLE
# endif
#endif

namespace boost {
namespace uuids {
namespace detail {

class random_provider_base
{
    BOOST_MOVABLE_BUT_NOT_COPYABLE(random_provider_base)

public:
    random_provider_base()
        : hProv_(NULL)
    {
        boost::winapi::NTSTATUS_ status =
            boost::winapi::BCryptOpenAlgorithmProvider(
                &hProv_,
                boost::winapi::BCRYPT_RNG_ALGORITHM_,
                NULL,
                0);

        if (BOOST_UNLIKELY(status != 0))
        {
            BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptOpenAlgorithmProvider"));
        }
    }

    random_provider_base(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT :
    hProv_(that.hProv_)
    {
        that.hProv_ = NULL;
    }

    random_provider_base& operator=(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT
    {
        destroy();
    }
}

```

```

    hProv_ = that.hProv_;
    that.hProv_ = NULL;
    return *this;
}

~random_provider_base() BOOST_NOEXCEPT
{
    destroy();
}

//! Obtain entropy and place it into a memory location
//! \param[in] buf the location to write entropy
//! \param[in] siz the number of bytes to acquire
void get_random_bytes(void *buf, std::size_t siz)
{
    boost::winapi::NTSTATUS_ status =
        boost::winapi::BCryptGenRandom(
            hProv_,
            static_cast<boost::winapi::PUCHAR_>(buf),
            boost::numeric_cast<boost::winapi::ULONG_>(siz),
            0);

    if (BOOST_UNLIKELY(status != 0))
    {
        BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptGenRandom"));
    }
}

private:
void destroy() BOOST_NOEXCEPT
{
    if (hProv_)
    {
        boost::ignore_unused(boost::winapi::BCryptCloseAlgorithmProvider(hProv_, 0));
    }
}

private:
boost::winapi::BCRYPT_ALG_HANDLE_ hProv_;
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_bcrypt.ipp

```

No license file was found, but licenses were detected in source scan.

```
/**
 * -*- c++ -*-
 *
 * \file begin.hpp
 *
 * \brief The \c begin operation.
 *
 * Copyright (c) 2009, Marco Guazzone
 *
 * Distributed under the Boost Software License, Version 1.0. (See
 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/begin.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

Includes all the adaptors for external Boost libraries.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/boost.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

Defines `boost::hana::power``.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/hana/power.hpp

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/\*!

@file

Forward declares `boost::hana::minimum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/minimum.hpp

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/\*

\* Copyright 2017 Andrey Semashev

\*

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\*

\* This header is deprecated, use boost/winapi/heap\_memory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/heap\_memory.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::at`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/at.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/limits.hpp  
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/\*!

@file

Adapts `boost::mpl::vector` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/ext/boost/mpl/vector.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::Functor`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/functor.hpp

No license file was found, but licenses were detected in source scan.

/\*

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macros used:

BOOST\_CLBL\_TRTS\_INCLUDE\_QUALIFIERS - the function-level qualifiers for the current inclusion (combinations of `const` `volatile` `&` `&&`, or nothing)

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for the current include (`transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when  
BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for  
the current include (`noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if  
BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_3.hpp

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/\*!

@file

Defines `boost::hana::less`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/less.hpp

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/\*=====

Copyright (c) 2001-2007 Joel de Guzman

Copyright (c) 2009-2010 Hartmut Kaiser

Copyright (c) 2010-2011 Christopher Schmidt

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_struct\_named.hpp

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```
/*
 * Distributed under the Boost Software License, Version 1.0.
 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * Copyright (c) 2011 Helge Bahmann
 * Copyright (c) 2013 Tim Blechmann
 * Copyright (c) 2014-2020 Andrey Semashev
 */
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/atomic_impl.hpp
```

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```
/* boost random/independent_bits.hpp header file
 *
 * Copyright Steven Watanabe 2011
 * Distributed under the Boost Software License, Version 1.0. (See
 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * See http://www.boost.org for most recent version including documentation.
 *
 * $Id$
 *
 */
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/independent_bits.hpp
```

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```
/*=====
 Copyright (c) 2016 Paul Fultz II
 unpack_tuple.hpp
 Distributed under the Boost Software License, Version 1.0. (See accompanying
 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/detail/unpack_tuple.hpp
```

No license file was found, but licenses were detected in source scan.

```
// Copyright 2011 Simon West. Distributed under the Boost
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_sum\_kahan.hpp  
No license file was found, but licenses were detected in source scan.

/\* Boost interval/arith3.hpp template implementation file

\*  
\* This headers provides arithmetical functions  
\* which compute an interval given some base  
\* numbers. The resulting interval encloses the  
\* real result of the arithmetic operation.  
\*  
\* Copyright 2003 Guillaume Melquiond  
\*  
\* Distributed under the Boost Software License, Version 1.0.  
\* (See accompanying file LICENSE\_1\_0.txt or  
\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/arith3.hpp  
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 Andrey Semashev  
\*  
\* Distributed under the Boost Software License, Version 1.0.  
\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* This header is deprecated, use boost/winapi/thread.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/thread.hpp  
No license file was found, but licenses were detected in source scan.

/\*\*

\* \_\*- c++ -\*\_  
\*  
\* \file c\_array.hpp  
\*  
\* \brief provides specializations of matrix and vector traits for c arrays and c matrices.  
\*  
\* Copyright (c) 2009, Gunter Winkler  
\*  
\*

```
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* \author Gunter Winkler (guwi17 at gmx dot de)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/traits/c_array.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

Copyright (c) Marshall Clow 2014.

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx14/is_permutation.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Copyright (C) 2000 Stephen Cleary
```

```
//
```

```
// Distributed under the Boost Software License, Version 1.0. (See accompany-
// ing file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
//
```

```
// See http://www.boost.org for updates, documentation, and revision history.
```

```
// This file was AUTOMATICALLY GENERATED from "stdin"
```

```
// Do NOT include directly!
```

```
// Do NOT edit!
```

```
template <typename T0>
element_type * construct(T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0>
element_type * construct(const T0 & a0)
{
```

```

element_type * const ret = (malloc());
if (ret == 0)
    return ret;
try { new (ret) element_type(a0); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0>
element_type * construct(volatile T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0>
element_type * construct(const volatile T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>

```

```

element_type * construct(volatile T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

```

```

}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }

```

```

catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)

```

```

    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, T2 & a2)
{

```

```

element_type * const ret = (malloc());
if (ret == 0)
    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
}
template <typename T0, typename T1, typename T2>

```

```

element_type * construct(volatile T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

```

```

}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }

```

```

catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, volatile T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)

```

```

    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
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}

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/pool/detail/pool_construct.ipp

```

No license file was found, but licenses were detected in source scan.

```

/*=====
    Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)
    http://spirit.sourceforge.net/

```

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```

=====*/
// for more details.

```

Found in path(s):

```

* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/actor/insert_at_actor.hpp

```

No license file was found, but licenses were detected in source scan.

```

/*
[auto_generated]
boost/numeric/odeint/integrate/observer_collection.hpp

```

```

[begin_description]
Collection of observers, which are all called during the evolution of the ODE.
[end_description]

```

Copyright 2011-2012 Karsten Ahnert  
 Copyright 2011-2012 Mario Mulansky

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 copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```

*/

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/observer\_collection.hpp  
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\*

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\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/bcrypt.hpp

No license file was found, but licenses were detected in source scan.

// Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/serialization/singleton.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/mutex.hpp

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decay.h

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/decay.hpp

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/\*!

@file

Defines `boost::hana::remove\_at` and `boost::hana::remove\_at\_c`.

@copyright Louis Dionne 2013-2017

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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/remove\_at.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::all_of`.
```

```
@copyright Louis Dionne 2013-2017  
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/all\_of.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****  
# * *  
# * (C) Copyright Paul Mensonides 2002.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_2_0.txt or copy at  
# * http://www.boost.org/LICENSE\_2\_0.txt)  
# * *  
# ***** */
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse2\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2\_1024.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2001-2011 Joel de Guzman

Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

This is an auto-generated file. Do not edit!

```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/make\_tuple40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/map\_tie10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_initial\_size20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_list50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/vector\_tie40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_set10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/as\_vector20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_keyed\_values10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_keyed\_values30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/set30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_deque30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list30\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vvector10.hpp  
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@file

Forward declares `boost::hana::adjust`.

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/\* boost random/uniform\_01.hpp header file

\*

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\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

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\* Revision history

\* 2001-02-18 moved to individual header files

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/fusion/algorithm/transformation/remove\_if.hpp

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@file

Defines `boost::hana::replace`.

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@file

Defines `boost::hana::Group`.

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/push\_front.hpp
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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/functional/std/utility.hpp

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boost/numeric/odeint/stepper/detail/adaptive\_adams\_bashforth\_moulton.hpp

[begin\_description]

Implementation of an adaptive adams bashforth moulton stepper.

Used as the stepper for the controlled adams bashforth moulton stepper.

[end\_description]

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@file

Defines `boost::hana::Monoid`.

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zip/1.75.0/include/boost/hana/concept/monoid.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the lexer iterator

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/tensor/expression\_evaluation.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/numeric/ublas/tensor/multi\_index\_utility.hpp

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@file

Forward declares `boost::hana::Orderable`.

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zip/1.75.0/include/boost/hana/fwd/concept/orderable.hpp
```

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```
/* boost random/normal_distribution.hpp header file
```

```
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```

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```

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* $Id$
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```
* Revision history
```

```
* 2001-02-18 moved to individual header files
```

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*/
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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
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```

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/*
```

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zip/1.75.0/include/boost/log/utility/ipc/reliable_message_queue.hpp
```

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```

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```
*
```

```
* This header is deprecated, use boost/winapi/get_current_process_id.hpp instead.
```

```
*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process\_id.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the predefined macros

<http://www.boost.org/>

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_macromap\_predef.hpp

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zip/1.75.0/include/boost/winapi/handle\_info.hpp

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/\* boost random/beta\_distribution.hpp header file

\*

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Jeremiah Willcock (jewillco at osl.iu.edu)  
Andrew Lumsdaine (lums at osl.iu.edu)

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/enable\_if.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::range`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/range.hpp
```

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```
/*
```

```
Copyright 2015 NumScale SAS
```

```
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```

```
Copyright 2015 Glen Joseph Fernandes
```

```
(glenjofe@gmail.com)
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/assume_aligned_gcc.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/assume_aligned.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/assume_aligned_intel.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/assume_aligned.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/assume_aligned_msvc.hpp
```

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```
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```

```
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```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
* See http://www.boost.org/libs/poly\_collection for library home page.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/packed\_segment.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/type\_info\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/algorithm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/any\_model.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment\_backend.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/split\_segment.hpp  
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\* file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt).)  
\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/functional.hpp  
\* Date: Sun Dec 09 05:38:03 MST 2007  
\* Copyright: 2007-2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com

\* Defines several function objects and object generators for use with  
\* execute\_all()  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/functional.hpp  
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/\*!

@file

Documents the `BOOST\_HANA\_ADAPT\_STRUCT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/adapt\_struct.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/mpl/clear.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/mpl/clear.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/less.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/greater.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/greater\_equal.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/not\_equal\_to.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/less\_equal.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/equal\_to.hpp

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```
/*!
@file
Forward declares `boost::hana::IntegralConstant`.
```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/integral\_constant.hpp

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/\*!

@file

Defines `boost::hana::detail::nested\_by`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_by.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/segments.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/is\_segmented.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iterator.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/rule\_parser.hpp

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```
/*=====
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result_of.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/result\_of.hpp

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```
/*!
@file
Defines a SFINAE-friendly version of `std::common_type`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/std\_common\_type.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/action.hpp

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```
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```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/sync/spin/wait.hpp  
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DO NOT INCLUDE THIS HEADER DIRECTLY  
\*/

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs\_2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_3.hpp  
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/\*!  
@file  
Forward declares `boost::hana::partition`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/partition.hpp  
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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/deque_tie.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make_deque.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/map_tie.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/at_key_impl.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/at_impl.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/value_at_impl.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make_map.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/move.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/auxiliary/move.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/n\_step\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/n_step_iterator_impl.hpp
```

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/\*!

@file

Forward declares `boost::hana::size`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/size.hpp  
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\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.  
\*  
\* File: boost/iostreams/detail/file\_handle.hpp  
\* Date: Sun Jun 22 14:23:12 MDT 2008  
\* Copyright: 2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com  
\*  
\* Defines the type boost::iostreams::detail::file\_handle, representing an  
\* operating system file handle.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/file\_handle.hpp  
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/\*!  
@file  
Adapts `boost::fusion::vector` for use with Hana.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion/vector.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

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rotate.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/rotate.hpp

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# \*

# \* See <http://www.boost.org> for most recent version.

# \*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/list/adt.hpp

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/\* boost random/linear\_feedback\_shift.hpp header file

\*

\* Copyright Jens Maurer 2002

\* Copyright Steven Watanabe 2011

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/linear\_feedback\_shift.hpp

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//

// ip/impl/network\_v6.hpp

// ~~~~~

//

```
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
//
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// file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
//
```

```
#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP
#define BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
#include <boost/asio/detail/config.hpp>
#include <climits>
#include <cstdio>
#include <cstdlib>
#include <stdexcept>
#include <boost/asio/error.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/ip/network_v6.hpp>
```

```
#include <boost/asio/detail/push_options.hpp>
```

```
namespace boost {
namespace asio {
namespace ip {
```

```
network_v6::network_v6(const address_v6& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
if (prefix_len > 128)
{
std::out_of_range ex("prefix length too large");
boost::asio::detail::throw_exception(ex);
}
}
```

```
BOOST_ASIO_DECL address_v6 network_v6::network() const BOOST_ASIO_NOEXCEPT
{
address_v6::bytes_type bytes(address_.to_bytes());
for (std::size_t i = 0; i < 16; ++i)
{
if (prefix_length_ <= i * 8)
bytes[i] = 0;
}
```

```

    else if (prefix_length_ < (i + 1) * 8)
        bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
    }
    return address_v6(bytes, address_.scope_id());
}

address_v6_range network_v6::hosts() const BOOST_ASIO_NOEXCEPT
{
    address_v6::bytes_type begin_bytes(address_.to_bytes());
    address_v6::bytes_type end_bytes(address_.to_bytes());
    for (std::size_t i = 0; i < 16; ++i)
    {
        if (prefix_length_ <= i * 8)
        {
            begin_bytes[i] = 0;
            end_bytes[i] = 0xFF;
        }
        else if (prefix_length_ < (i + 1) * 8)
        {
            begin_bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
            end_bytes[i] |= 0xFF >> (prefix_length_ % 8);
        }
    }
    return address_v6_range(
        address_v6_iterator(address_v6(begin_bytes, address_.scope_id())),
        ++address_v6_iterator(address_v6(end_bytes, address_.scope_id())));
}

bool network_v6::is_subnet_of(const network_v6& other) const
{
    if (other.prefix_length_ >= prefix_length_)
        return false; // Only real subsets are allowed.
    const network_v6 me(address_, other.prefix_length_);
    return other.canonical() == me.canonical();
}

std::string network_v6::to_string() const
{
    boost::system::error_code ec;
    std::string addr = to_string(ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

std::string network_v6::to_string(boost::system::error_code& ec) const
{
    using namespace std; // For sprintf.
    ec = boost::system::error_code();

```

```

char prefix_len[16];
#if defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
#else // defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf(prefix_len, "%u", prefix_length_);
#endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
return address_.to_string() + prefix_len;
}

network_v6 make_network_v6(const char* str)
{
    return make_network_v6(std::string(str));
}

network_v6 make_network_v6(const char* str, boost::system::error_code& ec)
{
    return make_network_v6(std::string(str), ec);
}

network_v6 make_network_v6(const std::string& str)
{
    boost::system::error_code ec;
    network_v6 net = make_network_v6(str, ec);
    boost::asio::detail::throw_error(ec);
    return net;
}

network_v6 make_network_v6(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

    if (pos == std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    if (pos == str.size() - 1)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
    if (end != std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
    }
}

```

```

    return network_v6();
}

const address_v6 addr = make_address_v6(str.substr(0, pos), ec);
if (ec)
    return network_v6();

const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
if (prefix_len < 0 || prefix_len > 128)
{
    ec = boost::asio::error::invalid_argument;
    return network_v6();
}

return network_v6(addr, static_cast<unsigned short>(prefix_len));
}

```

```

#ifdef BOOST_ASIO_HAS_STRING_VIEW

```

```

network_v6 make_network_v6(string_view str)
{
    return make_network_v6(static_cast<std::string>(str));
}

```

```

network_v6 make_network_v6(string_view str,
    boost::system::error_code& ec)
{
    return make_network_v6(static_cast<std::string>(str), ec);
}

```

```

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

```

```

} // namespace ip
} // namespace asio
} // namespace boost

```

```

#include <boost/asio/detail/pop_options.hpp>

```

```

#endif // BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/asio/ip/impl/network\_v6.hpp

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zip/1.75.0/include/boost/phoenix/stl/container/container.hpp

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@file

Defines the `BOOST\_HANA\_ADAPT\_ADT` macro.

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@file

Forward declares `boost::hana::tuple`.

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_dopri5.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Dormand-Prince5 method.

[end\_description]

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\*

\* This header is deprecated, use boost/winapi/overlapped.hpp instead.

\*/

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static\_const\_var.h

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Defines `boost::hana::basic\_tuple`.

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zip/1.75.0/include/boost/core/exchange.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/empty\_value.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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@file

Defines `boost::hana::Hashable`.

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zip/1.75.0/include/boost/type\_traits/copy\_reference.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/copy\_cv\_ref.hpp

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@file

Defines the `BOOST\_HANA\_DEFINE\_STRUCT`, `BOOST\_HANA\_ADAPT\_STRUCT`, and  
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/\* boost random/uniform\_on\_sphere.hpp header file

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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is\_unpackable.hpp

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zip/1.75.0/include/boost/accumulators/statistics/weighted\_kurtosis.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_skewness.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/skewness.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/kurtosis.hpp

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Phoenix V1.2.1

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@file

Defines `boost::hana::contains` and `boost::hana::in`.

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/intermodule_singleton.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed_global_memory.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/windows_intermodule_singleton.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/file_locking_helpers.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/portable_intermodule_singleton.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/xsi_shared_memory_file_wrapper.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/containers_fwd.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/xsi_shared_memory.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/intermodule_singleton_common.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::power`.
```

```
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```

```
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```

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```

```
*/
```

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zip/1.75.0/include/boost/hana/fwd/power.hpp
```

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```
/* A very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (10 commits)
```

```
File Created: June 2017
```

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\*

\* This header is deprecated, use boost/winapi/waitable\_timer.hpp instead.

\*/

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zip/1.75.0/include/boost/spirit/home/x3/support/utility/error\_reporting.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/ast/position\_tagged.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/lambda\_visitor.hpp  
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```
/* ****  
# *  
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# * accompanying file LICENSE_4_0.txt or copy at  
# * http://www.boost.org/LICENSE_4_0.txt)  
# *  
# **** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward4\_1024.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse4\_1024.hpp  
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```
/*!  
@file  
Defines `boost::hana::size`.
```

```
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*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/size.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/base/explicit_error_stepper_base.hpp
```

```
[begin_description]  
Base class for all explicit Runge Kutta stepper which are also error steppers.  
[end_description]
```

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Copyright 2010-2012 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_base.hpp  
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/\*!

@file

Defines `boost::hana::insert\_range`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/insert\_range.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_large\_a.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_pFq\_checked\_series.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_0F1\_bessel.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_cpp14\_based.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/polygamma.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_pade.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_cf.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_negative\_b\_regions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/multivisitors.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/tools/atomic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/cast.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_by\_ratios.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_large\_abz.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/polymorphic\_cast.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_addition\_theorems\_on\_z.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/bernoulli\_details.hpp  
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zip/1.75.0/include/boost/variant/detail/multivisitors\_preprocessor\_based.hpp  
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zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_small\_a\_negative\_b\_by\_ratio.hpp  
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zip/1.75.0/include/boost/multiprecision/cpp\_int/intel\_intrinsics.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/math/special\_functions/detail/unchecked\_bernoulli.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/cstdint.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_series.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_1F0.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/conversion/detail/old\_numeric\_cast.hpp  
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/\*!

@file

Forward declares `boost::hana::difference`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/difference.hpp

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Defines `boost::hana::id`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/functional/id.hpp

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/\*

[begin\_description]

Modification of the implicit Euler method, works with the MTL4 matrix library only.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/implicit\_euler\_mtl4.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4\_resize.hpp

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@file

Forward declares `boost::hana::index\_if`.

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zip/1.75.0/include/boost/hana/fwd/index\_if.hpp

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/\* Multiply indexed container.

\*

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index\_container.hpp

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/\* boost random/gamma\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/gamma\_distribution.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_parser\_traits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_core.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_parse\_tree.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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```
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@file  
Defines `boost::hana::pair`.  
  
@copyright Louis Dionne 2013-2017  
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*/
```

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@file  
Defines `boost::hana::partition`.  
  
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/\*!

@file

Forward declares `boost::hana::equal`.

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\*

\* This header is deprecated, use boost/winapi/tls.hpp instead.

\*/

Found in path(s):

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/\*!

@file

Forward declares `boost::hana::common` and `boost::hana::common\_t`.

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

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Autogenerated by MultiStageTable.py (Unicode multi-stage
table builder) (c) Peter Kankowski, 2008
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/query.hpp

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```
/*=====
Copyright (c) 2015 Paul Fultz II
callable_base.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/callable\_base.hpp

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```
/*=====
Copyright (c) 2015 Paul Fultz II
decorate.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/decorate.hpp

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```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2009 Francois Barel

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/detail/parameterized.hpp

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```
/*
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```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/ios\_state.hpp

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```
/*!
@file
Defines `boost::hana::unfold_right`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/unfold\_right.hpp

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```
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constexpr_deduce.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/constexpr\_deduce.hpp

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```
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# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/detail/is\_begin\_parens.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/detail/is\_empty.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/is\_begin\_parens.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/remove\_parens.hpp

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```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE_1_0.txt  
*  
* This header is deprecated, use boost/winapi/critical_section.hpp instead.  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/critical\_section.hpp

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```
/*=====  
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identity.h  
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)  
====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/identity.hpp

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/\*!

@file

Forward declares `boost::hana::fold\_left`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fold\_left.hpp

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\*

\* This header is deprecated, use boost/winapi/event.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/event.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_last\_error.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_last\_error.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/any\_of.hpp

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/\* boost random/shuffle\_output.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/shuffle\_output.hpp

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/\*=====

simplexml.cpp

Spirit V1.3

URL: <http://spirit.sourceforge.net/>

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/impl/basic\_xml\_grammar.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive/kwd.hpp

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/\* boost random/bernoulli\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/bernoulli_distribution.hpp
```

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```
/* Says how to convert value, error and exception types
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (12 commits)
```

```
File Created: Nov 2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/convert.hpp
```

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```
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# * * * * *  
# * (C) Copyright Edward Diener 2020. * * * * *  
# * Distributed under the Boost Software License, Version 1.0. (See * * * * *  
# * accompanying file LICENSE_1_0.txt or copy at * * * * *  
# * http://www.boost.org/LICENSE\_1\_0.txt) * * * * *  
# * * * * *  
# ***** */
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_1\_number.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_maximum\_number.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_minimum\_number.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/detail/maximum\_number.hpp

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/null\_exception\_translator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/custom\_reaction.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/shallow\_history.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/avoid\_unused\_warning.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/event\_processor.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/event.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/event\_base.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/fifo\_worker.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/in\_state\_reaction.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/state\_machine.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/result.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/deep\_history.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/simple\_state.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/termination.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/fifo\_scheduler.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/state.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/transition.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/functional.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/counted\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/deferral.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/state\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/node\_state.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/leaf\_state.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/asynchronous\_state\_machine.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/utf8\_codecvt\_facet.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/xpressive/detail/utility/counted\_base.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/rtti\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/reaction\_dispatcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/constructor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/history.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/detail/memory.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/processor\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/statechart/exception\_translator.hpp  
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/\*!

@file

Defines logical operators.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/operators/logical.hpp

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@file

Forward declares `boost::hana::adjust\_if`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/adjust\_if.hpp

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@file

Defines `boost::hana::or\_`.

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zip/1.75.0/include/boost/hana/or.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/process.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/pipes.hpp

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#ifndef BOOST\_COROUTINES2\_DETAIL\_PUSH\_CONTROL\_BLOCK\_IPP

#define BOOST\_COROUTINES2\_DETAIL\_PUSH\_CONTROL\_BLOCK\_IPP

```

#include <algorithm>
#include <exception>
#include <memory>

#include <boost/assert.hpp>
#include <boost/config.hpp>
#include <boost/context/detail/config.hpp>

#include <boost/context/fiber.hpp>

#include <boost/coroutine2/detail/config.hpp>
#include <boost/coroutine2/detail/wrap.hpp>

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_PREFIX
#endif

namespace boost {
namespace coroutines2 {
namespace detail {

// push_coroutine< T >

template< typename T >
void
push_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn) :
#ifdef BOOST_NO_CXX14_GENERIC_LAMBDAS
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
            // create synthesized pull_coroutine< T >
            typename pull_coroutine< T >::control_block synthesized_cb{ this, c };
            pull_coroutine< T > synthesized{ & synthesized_cb };
            other = & synthesized_cb;
            other->c = std::move( other->c).resume();
            if ( state_t::none == ( state & state_t::destroy) ) {
                try {

```

```

        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized pull_coroutine as argument
        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
},
std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T >
    typename pull_coroutine< T >::control_block synthesized_cb{ this, c };
    pull_coroutine< T > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy ) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
}
// set termination flags
state |= state_t::complete;
// jump back

```

```

        return std::move( other->c).resume();
    } },
#endif
    other{ nullptr },
    state{ state_t::unwind },
    except{} {
        c = std::move( c).resume();
    }

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
                                                  boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
push_coroutine< T >::control_block::resume( T const& data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

template< typename T >
void
push_coroutine< T >::control_block::resume( T && data) {
    // pass data to other context
    other->set( std::move( data ) );
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

}

template< typename T >
bool
push_coroutine< T >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

// push_coroutine< T & >

template< typename T >
void
push_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
          // create synthesized pull_coroutine< T & >
          typename pull_coroutine< T & >::control_block synthesized_cb{ this, c };
          pull_coroutine< T & > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          other->c = std::move( other->c).resume();
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized pull_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const&) {
                  throw;
              }
          }
          #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
              } catch ( abi::__forced_unwind const&) {
                  throw;
              }
          #endif
          } catch (...) {
              // store other exceptions in exception-pointer
              except = std::current_exception();
          }
      }
}

```

```

    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
},
std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
[this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T >
    typename pull_coroutine< T >::control_block synthesized_cb{ this, c };
    pull_coroutine< T > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy ) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
boost::context::fiber & c_) noexcept :

```

```

    c{ std::move( c_ ) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
push_coroutine< T >::control_block::resume( T & data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c ).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

template< typename T >
bool
push_coroutine< T >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

// push_coroutine< void >

inline
void
push_coroutine< void >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename StackAllocator, typename Fn >
push_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc, Fn
&& fn) :

```

```

#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
            // create synthesized pull_coroutine< void >
            typename pull_coroutine< void >::control_block synthesized_cb{ this, c };
            pull_coroutine< void > synthesized{ & synthesized_cb };
            other = & synthesized_cb;
            other->c = std::move( other->c).resume();
            if ( state_t::none == ( state & state_t::destroy) ) {
                try {
                    auto fn = std::move( fn_);
                    // call coroutine-fn with synthesized pull_coroutine as argument
                    fn( synthesized);
                } catch ( boost::context::detail::forced_unwind const&) {
                    throw;
                }
            }
        }
    };
#endif
    #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
        } catch ( abi::__forced_unwind const&) {
            throw;
        }
    #endif
    #endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
},
    std::forward< Fn >( fn) ) },
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
            // create synthesized pull_coroutine< void >
            typename pull_coroutine< void >::control_block synthesized_cb{ this, c };
            pull_coroutine< void > synthesized{ & synthesized_cb };
            other = & synthesized_cb;
            other->c = std::move( other->c).resume();
            if ( state_t::none == ( state & state_t::destroy) ) {
                try {
                    auto fn = std::move( fn_);
                    // call coroutine-fn with synthesized pull_coroutine as argument
                    fn( synthesized);
                } catch ( boost::context::detail::forced_unwind const&) {
                    throw;
                }
            }
        }
    };
    #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
        } catch ( abi::__forced_unwind const&) {
            throw;
        }
    #endif
}

```

```

        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

inline
push_coroutine< void >::control_block::control_block( pull_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

inline
void
push_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

inline
void
push_coroutine< void >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

inline
bool

```

```
push_coroutine< void >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

}}}

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif

#endif // BOOST_COROUTINES2_DETAIL_PUSH_CONTROL_BLOCK_IPP
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/coroutine2/detail/push\_control\_block\_cc.ipp

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Forward declares `boost::hana::pair`.

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zip/1.75.0/include/boost/proto/detail/deduce\_domain.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/deque\_keyed\_values.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_keyed\_values.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_forward\_ctor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/limits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/keyed\_element.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_initial\_size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/front\_extended\_deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_keyed\_values\_call.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/back\_extended\_deque.hpp

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```
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```

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zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/convert\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/build\_cons.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/convert\_impl.hpp

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/\*!

@file

Defines `boost::hana::difference`.

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zip/1.75.0/include/boost/hana/difference.hpp

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/terminal.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/argument.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/terminal\_expression.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/context.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Moulton method.

[end\_description]

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/atomic\_flag\_impl.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/atomic_flag.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/atomic.hpp
```

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```
/* Exception observers for outcome type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (3 commits)
```

```
File Created: Oct 2017
```

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```
*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic_outcome_exception_observers.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/integrate/detail/integrate_const.hpp
```

```
[begin_description]
```

```
integrate const implementation
```

```
[end_description]
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/attributes\_fwd.hpp

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/\*!

@file

Defines `boost::hana::negate`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/negate.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/storage\_traits.hpp

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\*  
\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/header\_holder.hpp

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@file

Forward declares `boost::hana::tap`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/tap.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust.hpp

[begin\_description]

includes all headers required for using odeint with thrust

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/lazy.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/tag\_of.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/category\_of\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/is\_view\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/value\_at\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/is\_sequence\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/at\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/begin\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/end\_impl.hpp

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@file

Defines `boost::hana::arg`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/arg.hpp

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@file

Defines `boost::hana::fold\_right`.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/for.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/while.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/atomic/detail/lock\_pool.hpp

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@file

Forward declares `boost::hana::maximum`.

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zip/1.75.0/include/boost/hana/fwd/maximum.hpp

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@file

Forward declares `boost::hana::Iterable`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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# *
# *****/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/rem.hpp
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_ops_linux_arm.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_linux_arm.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_ops_linux_arm.hpp
```

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/new.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/transform_view/detail/value_at_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/enable_warnings.hpp header file
*
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/enable_warnings.hpp
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```

```
/*!
@file
Defines `boost::hana::Logical`.

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*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/logical.hpp
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*  
* See http://www.boost.org/libs/flyweight for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/serialize.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/flyweight_fwd.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/assoc_container_factory.hpp
```

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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/ptx.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language/cuda.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/nvcc.h
```

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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows_phone.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows_desktop.h  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows_store.h
```

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_runtime.h

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/is\_spirit\_tag.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match\_manip\_auto.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/bool\_policies.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match\_manip.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/has\_semantic\_action.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/handles\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auto.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/stream.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/binary.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/binary.hpp

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```
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*
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/caps\_windows.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_msvc\_arm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_msvc\_x86.hpp  
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@file

Forward declares `boost::hana::keys`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/keys.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/unpack.hpp

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@file

Defines `boost::hana::sort`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/sort.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/numeric/uint.hpp
No license file was found, but licenses were detected in source scan.
```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/numeric_traits.hpp
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```

```
/*
* Copyright 2017 Andrey Semashev
*
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*
* This header is deprecated, it provides the deprecated namespace for backward compatibility.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/detail/deprecated_namespace.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/large_arithmetic.hpp header file
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* http://www.boost.org/LICENSE_1_0.txt)
*
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```

\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/large\_arithmetic.hpp

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/\*!

@file

Defines `boost::hana::reverse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/reverse.hpp

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/\*!

@file

Forward declares `boost::hana::any\_of`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/any\_of.hpp

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/\*=====

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Copyright (c) 2001-2011 Hartmut Kaiser

Copyright (c) 2009 Francois Barel

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/karma\_nonterminal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/karma\_subrule.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_subrule.hpp  
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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_posix.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/make\_unique.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_android.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_msvc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_macos.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/max\_objects.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator\_forward.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_cxx11.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/is\_alignment.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_gcc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/alignment\_of\_forward.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/min\_size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/is\_alignment\_constant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_clang.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/align\_cxx11.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/align/detail/alignment_of_codegear.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/align/detail/is_aligned.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/align/detail/aligned_alloc_sunos.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/align/aligned_allocator_adaptor_forward.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_const.hpp
```

```
[begin_description]
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.
The routines makes full use of adaptive and dense-output methods.
[end_description]
```

```
Copyright 2011-2013 Karsten Ahnert
Copyright 2011-2015 Mario Mulansky
```

```
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(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate_const.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::detail::first_unsatisfied_index`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/first_unsatisfied_index.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2016 Lee Clagett
Copyright (c) 2018 Kohei Takahashi
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/and.hpp

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```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2012. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/variadic\_seq\_to\_seq.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/uniform\_real\_distribution.hpp header file

```
*  
* Copyright Jens Maurer 2000-2001  
* Copyright Steven Watanabe 2011  
* Distributed under the Boost Software License, Version 1.0. (See  
* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_real\_distribution.hpp

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/\* boost random/mersenne\_twister.hpp header file

```
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* Copyright Steven Watanabe 2010  
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```

\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\* Revision history  
\* 2013-10-14 fixed some warnings with Wshadow (mgaunard)  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/mersenne\_twister.hpp

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// (C) Copyright Beman Dawes 1999-2003. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/noncopyable.hpp

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/\* Boost interval/detail/interval\_prototype.hpp file

\*

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/interval\_prototype.hpp

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/\*!

@file

Defines concepts from the Standard library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/concepts.hpp

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@file

Defines `boost::hana::extend`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/extend.hpp

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@file

Forward declares `boost::hana::union\_`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/union.hpp

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_deque.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/detail/strictest\_traversal.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_map\_tie.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/fusion/view/zip_view/detail/value_of_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/transformation/zip.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/generation/detail/pp_deque_tie.hpp
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```

```
// Copyright Oliver Kowalke 2016.
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// http://www.boost.org/LICENSE_1_0.txt)

#ifndef BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP
#define BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP

#include <algorithm>
#include <exception>
#include <memory>
#include <tuple>

#include <boost/assert.hpp>
#include <boost/config.hpp>
#include <boost/context/detail/config.hpp>

#include <boost/context/fiber.hpp>

#include <boost/coroutine2/detail/config.hpp>
#include <boost/coroutine2/detail/wrap.hpp>

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_PREFIX
#endif

namespace boost {
namespace coroutines2 {
namespace detail {

// pull_coroutine< T >

template< typename T >
void
pull_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}
}
```

```

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T >
          typename push_coroutine< T >::control_block synthesized_cb{ this, c };
          push_coroutine< T > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized push_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const& ) {
                  throw;
            }
            #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
                } catch ( abi::__forced_unwind const& ) {
                    throw;
            }
            #endif
                } catch (...) {
                    // store other exceptions in exception-pointer
                    except = std::current_exception();
                }
            }
            // set termination flags
            state |= state_t::complete;
            // jump back
            return std::move( other->c).resume();
        },
        std::forward< Fn >( fn ) ),
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T >
          typename push_coroutine< T >::control_block synthesized_cb{ this, c };
          push_coroutine< T > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized push_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const& ) {
                  throw;
            }

```

```

#if defined( BOOST_CONTEXT_HAS_CXXABI_H )
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c ).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{ },
bvalid{ false },
storage{} {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except );
    }
}

template< typename T >
pull_coroutine< T >::control_block::control_block( typename push_coroutine< T >::control_block * cb,
                                                boost::context::fiber & c_ ) noexcept :
    c{ std::move( c_ ) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{} {
}

template< typename T >
pull_coroutine< T >::control_block::~~control_block() {
    // destroy data if set
    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage ) )->~T();
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::deallocate() noexcept {

```

```

    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::set( T const& t) {
    // destroy data if set
    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage ) )->~T();
    }
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) T( t);
    bvalid = true;
}

template< typename T >
void
pull_coroutine< T >::control_block::set( T && t) {
    // destroy data if set
    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage ) )->~T();
    }
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) T( std::move( t ) );
    bvalid = true;
}

template< typename T >
T &
pull_coroutine< T >::control_block::get() noexcept {
    return * reinterpret_cast< T * >( std::addressof( storage ) );
}

template< typename T >
bool
pull_coroutine< T >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete) && bvalid;
}

```

```

// pull_coroutine< T & >

template< typename T >
void
pull_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T & >
          typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
          push_coroutine< T & > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized push_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const& ) {
                  throw;
            }
            #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
                } catch ( abi::__forced_unwind const& ) {
                    throw;
            }
            #endif
                } catch (...) {
                    // store other exceptions in exception-pointer
                    except = std::current_exception();
                }
            }
            // set termination flags
            state |= state_t::complete;
            // jump back
            return std::move( other->c).resume();
        },
        std::forward< Fn >( fn ) ),
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),

```

```

[this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< T & >
    typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
    push_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized push_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const&) {
            throw;
        }
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const&) {
            throw;
        }
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
        }
        // set termination flags
        state |= state_t::complete;
        // jump back
        return std::move( other->c).resume();
    } },
#endif
    other{ nullptr },
    state{ state_t::unwind },
    except{ },
    bvalid{ false },
    storage{ } {
        c = std::move( c).resume();
        if ( except) {
            std::rethrow_exception( except);
        }
    }
}

template< typename T >
pull_coroutine< T & >::control_block::control_block( typename push_coroutine< T & >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{ } {
}

```

```

template< typename T >
void
pull_coroutine< T & >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
pull_coroutine< T & >::control_block::resume() {
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

template< typename T >
void
pull_coroutine< T & >::control_block::set( T & t) {
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) holder{ t };
    bvalid = true;
}

template< typename T >
T &
pull_coroutine< T & >::control_block::get() noexcept {
    return reinterpret_cast< holder * >( std::addressof( storage ) )->t;
}

template< typename T >
bool
pull_coroutine< T & >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete) && bvalid;
}

// pull_coroutine< void >

inline
void
pull_coroutine< void >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

```

```

}

template< typename StackAllocator, typename Fn >
pull_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< void >
    typename push_coroutine< void >::control_block synthesized_cb{ this, c };
    push_coroutine< void > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
      try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument
        fn( synthesized);
      } catch ( boost::context::detail::forced_unwind const&) {
        throw;
      }
    }
    #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
    } catch ( abi::__forced_unwind const&) {
      throw;
    }
    #endif
    } catch (...) {
      // store other exceptions in exception-pointer
      except = std::current_exception();
    }
  }
  // set termination flags
  state |= state_t::complete;
  // jump back
  return std::move( other->c).resume();
},
  std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  [this,fn_=std::forward< Fn >( fn)]( boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< void >
    typename push_coroutine< void >::control_block synthesized_cb{ this, c };
    push_coroutine< void > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
      try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument
        fn( synthesized);
      } catch ( boost::context::detail::forced_unwind const&) {
        throw;
      }
    }
  }
},
  std::forward< Fn >( fn ) ),
#endif
};

```

```

#if defined( BOOST_CONTEXT_HAS_CXXABI_H )
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
    // set termination flags
    state |= state_t::complete;
    // jump back to ctx
    return std::move( other->c ).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except );
    }
}

inline
pull_coroutine< void >::control_block::control_block( push_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_ ) noexcept :
    c{ std::move( c_ ) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

inline
void
pull_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this );
    }
}

inline
void
pull_coroutine< void >::control_block::resume() {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except );
    }
}

```

```

}

inline
bool
pull_coroutine< void >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete);
}

}}}

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif

#endif // BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP

```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/coroutine2/detail/pull_control_block_cc.ipp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
```

```
Copyright (c) 2001-2003 Joel de Guzman
```

```
Copyright (c) 2001 Daniel Nuffer
```

```
http://spirit.sourceforge.net/
```

```
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/parser_id.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost random/taus88.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

```
* Copyright Steven Watanabe 2011
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* See http://www.boost.org/libs/random for documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/taus88.hpp

No license file was found, but licenses were detected in source scan.

```
/* *****  
# *  
# * (C) Copyright Edward Diener 2014,2019.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_empty\_variadic.hpp

No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/external/thrust/thrust_operations_dispatcher.hpp
```

```
[begin_description]  
operations_dispatcher specialization for thrust  
[end_description]
```

Copyright 2013-2014 Karsten Ahnert  
Copyright 2013-2014 Mario Mulansky

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(See accompanying file LICENSE\_1\_0.txt or  
copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations\_dispatcher.hpp

No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2017 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/debugapi.hpp instead.
```

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/debugapi.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2016 Paul Fultz II
limit.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/limit.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/and\_predicate.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/fail\_function.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/what.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/difference.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/raw.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/pass\_function.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/skip.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/expect\_function.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/encoding.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/lexeme.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/no\_case.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/what\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/sequential\_or.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/omit.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/not\_predicate.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/hold.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/permutation.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/action/action.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/permute\_function.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/sequence\_base\_id.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Paul Fultz II
make.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/make.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Paul Fultz II
repeat.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/repeat.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/mersenne_twister.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2010
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```

\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/generator\_seed\_seq.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::monadic\_fold\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/monadic\_fold\_right.hpp  
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\*

\* This header is deprecated, use boost/winapi/synchronization.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/synchronization.hpp  
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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/filter/grep.hpp  
\* Date: Mon May 26 17:48:45 MDT 2008  
\* Copyright: 2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com  
\*  
\* Defines the class template basic\_grep\_filter and its specializations  
\* grep\_filter and wgrep\_filter.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/filter/grep.hpp

No license file was found, but licenses were detected in source scan.

```
/* boost random/discard_block.hpp header file
*
* Copyright Jens Maurer 2002
* Copyright Steven Watanabe 2010
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-03-02 created
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/discard\_block.hpp

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```
/*
boost/numeric/odeint/stepper/detail/pid_step_adjuster_coefficients.hpp
```

[begin\_description]

Coefficients for the PID stepsize controller.

[end\_description]

Copyright 2017 Valentin Noah Hartmann

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/pid\_step\_adjuster\_coefficients.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::reverse\_fold`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/reverse\_fold.hpp  
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Copyright (c) 2003 Martin Wille

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/primitives.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/rosenbrock4\_dense\_output.hpp

[begin\_description]

Dense output for Rosenbrock 4.

[end\_description]

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Copyright 2011-2015 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4\_dense\_output.hpp

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/\*!

@file

Includes all the adaptors for the Boost.Fusion library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion.hpp

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/\*!

@file

Includes all the headers needed to setup tag-dispatching.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/dispatch.hpp

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\*

\* This header is deprecated, use boost/winapi/limits.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/detail/winapi/limits.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Definition of the preprocessor context

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/cpp_iteration_context.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/cpp_context.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2016 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function_eval_expr.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/expression.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::div`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/div.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2007 Tobias Schwinger

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/support/sequence_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Persistent application configuration

http://www.boost.org/

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=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/wave_config_constant.hpp
No license file was found, but licenses were detected in source scan.
```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/poly_shared_lockable.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/poly_lockable.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/null_mutex.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/poly_shared_lockable_adapter.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/poly_lockable_adapter.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/lockable_adapter.hpp
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```

```
/* Exception observers for outcome type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_exception\_observers\_impl.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/list.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/regex\_domain.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/adapt\_function.hpp

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/\*!

@file

Defines `boost::hana::Searchable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/searchable.hpp

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/\* boost random/poisson\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/poisson\_distribution.hpp

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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics_fwd.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// (C) Copyright Howard Hinnant 2007-2010. Distributed under the Boost  
// (C) Copyright Ion Gaztanaga 2005-2012. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess_sharable_mutex.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
* [begin_description]  
* Boost bind pull the placeholders, _1, _2, ... into global  
* namespace. This can conflict with the C++03 TR1 and C++11  
* std::placeholders. This header provides a workaround for  
* this problem.  
* [end_description]  
*  
* Copyright 2012 Christoph Koke  
* Copyright 2012 Karsten Ahnert  
*  
* Distributed under the Boost Software License, Version 1.0.  
* (See accompanying file LICENSE_1_0.txt or  
* copy at http://www.boost.org/LICENSE\_1\_0.txt)  
* */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/bind.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/preprocessor/round.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/v2_eval.hpp
```

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```
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+-----*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_numeric.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/interval\_bounds.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/right\_open\_interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/type\_traits/predicate.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/concept/interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/concept/element\_associator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/exclusive\_less\_than.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/associated\_value.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/std\_equal.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/closed\_interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/boost\_config.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/left\_open\_interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/concept/interval\_bounds.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/sub\_super\_set.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/distinct\_equal.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/element\_equal.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/continuous\_interval.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/discrete\_interval.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/open\_interval.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/real\_policies.hpp

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```
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 *
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 *
 * Authors: Matthias Walter
 *
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 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 */
```

Found in path(s):

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zip/1.75.0/include/boost/graph/bipartite.hpp

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/config.hpp

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```
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```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/version.hpp

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/\*!

@file

Forward declares `boost::hana::group`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/group.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/max.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/is\_sorted.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/node\_handle.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/iter\_fold.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse\_iter\_fold.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/mapped\_reference.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/element\_iterator.hpp  
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/\*!

@file

Defines `boost::hana::fold`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fold.hpp  
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/\* Traits for Outcome

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/trait\_std\_error\_code.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/matches.hpp

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```
*
* See http://www.boost.org/libs/iostreams for documentation.
*
* File:    boost/iostreams/detail/path.hpp
* Date:    Sat Jun 21 21:24:05 MDT 2008
* Copyright: 2008 CodeRage, LLC
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com
*
* Defines the class boost::iostreams::detail::path, for storing a
* a std::string or std::wstring.
*
* This class allows interoperability with Boost.Filesystem without
* creating a dependence on Boost.Filesystem headers or implementation.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/detail/path.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::second`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/second.hpp
```

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```
/*
```

```
@Copyright Barrett Adair 2015-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/is_rvalue_reference_member.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/callable\_traits/qualified\_class\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/return\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_cv.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_varargs.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_reference\_member.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer.hpp

[begin\_description]

Implementation of the Burlish-Stoer method. As described in  
Ernst Hairer, Syvert Paul Norsett, Gerhard Wanner  
Solving Ordinary Differential Equations I. Nonstiff Problems.  
Springer Series in Comput. Mathematics, Vol. 8, Springer-Verlag 1987, Second revised edition 1993.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_norm\_inf.hpp

[begin\_description]

vector\_space\_norm\_inf specialization for vexcl

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_norm\_inf.hpp

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/\* Proposed SG14 status\_code

(C) 2018 - 2019 Niall Douglas <<http://www.nedproductions.biz/>> (5 commits)

File Created: Feb 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code.hpp

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/\*=====

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unpack\_sequence.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/unpack\_sequence.hpp

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```
/*=====
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is_invocable.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/is_invocable.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/external/eigen/eigen.hpp
```

```
[begin_description]
tba.
[end_description]
```

```
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Copyright 2009-2012 Mario Mulansky
```

```
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(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen.hpp
```

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```
/*
* Copyright 2017 Andrey Semashev
*
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*
* This header is deprecated, use boost/winapi/wait.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/wait.hpp
```

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```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/geometry/srs/projections/proj/isea.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::apply`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/apply.hpp
```

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```
/*=====
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mutable.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/mutable.hpp
```

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```
/*-----+
Copyright (c) 2007-2010: Joachim Faulhaber
+-----+
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+-----+
```

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/set\_algo.hpp

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/\*!

@file

Defines `boost::hana::prepend`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/prepend.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_recursive\_mutex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/recursive\_mutex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/recursive\_mutex.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/mutex.hpp

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/\*!

@file

Defines `boost::hana::symmetric\_difference`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/symmetric\_difference.hpp

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/\* boost random/sobol.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/sobol.hpp

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/\*!

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Forward declares `boost::hana::eval\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/eval\_if.hpp

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/\*!

@file

Defines a replacement for `std::decay`, which is sometimes too slow at  
compile-time.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/decay.hpp

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```
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view\_iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/flatten.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view.hpp

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```
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*
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*
* This header is deprecated, use boost/winapi/access_rights.hpp instead.
*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/access\_rights.hpp

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```
/*=====
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Copyright (c) 2001-2003 Daniel Nuffer
http://spirit.sourceforge.net/

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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/tree\_to\_xml.hpp

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Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/real.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/tst\_map.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eps.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/int.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/utf8.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/unicode.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_class\_tags.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_class.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/proxy.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/any\_char.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/no\_case.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/negated\_char\_parser.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/no\_case\_string\_parse.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/string\_parse.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/tst.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_parser.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/rule.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/tst.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/ast/variant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/literal\_string.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/literal\_char.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/debug\_handler\_state.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/rule.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/skip\_over.hpp

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/\* Boost interval/arith2.hpp template implementation file

\*

\* This header provides some auxiliary arithmetic

\* functions: fmod, sqrt, square, pov, inverse and

\* a multi-interval division.

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/arith2.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/check\_adapter.hpp

[begin\_description]  
Adapters to add checking facility to stepper and observer  
[end\_description]

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/check\_adapter.hpp

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zip/1.75.0/include/boost/container/stable\_vector.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/domain.hpp

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/\* Boost interval/rounded\_arith.hpp template implementation file

\*

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/interval/rounded\_arith.hpp  
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/\*!

@file

Forward declares `boost::hana::drop\_front`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_front.hpp

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/\*!

@file

Forward declares `boost::hana::reverse`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/reverse.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind.hpp

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/\* boost random/piecewise\_constant\_distribution.hpp header file

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\*  
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\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_constant\_distribution.hpp  
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\*  
\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/promotes\_arg.hpp  
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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval\_map\_algo.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/absorbs\_identities.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/unit\_element.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval\_set\_algo.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/velocity_verlet.hpp
```

```
[begin_description]  
tba.  
[end_description]
```

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Copyright 2009-2012 Mario Mulansky

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/velocity_verlet.hpp
```

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```
/*
```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
* This header is deprecated, use boost/winapi/directory_management.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/directory_management.hpp
```

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```
/*
```

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```

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```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/uncaught_exceptions.hpp
```

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```
/* *****
```

```
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# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/seq/detail/to_list_msvc.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/iteration/for_each_fwd.hpp
```

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```
/*!
@file
Defines `boost::hana::Product`.

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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/product.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/util/state_wrapper.hpp

[begin_description]
State wrapper for the state type in all stepper. The state wrappers are responsible for construction,
destruction, copying construction, assignment and resizing.
[end_description]
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/same\_size.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/resize.hpp

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/\*!

@file

Defines the `BOOST\_HANA\_ADAPT\_STRUCT` macro.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/adapt\_struct.hpp

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/\*!

@file

Defines arithmetic operators.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/arithmetic.hpp

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@file

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zip/1.75.0/include/boost/hana/functional/flip.hpp  
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zip/1.75.0/include/boost/interprocess/detail/os\_thread\_functions.hpp  
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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/out.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/in.hpp  
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\*  
\* This header is deprecated, use boost/winapi/srw\_lock.hpp instead.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/srw\_lock.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/fusion/at.hpp

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/\* Storage for a very simple basic\_result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Oct 2017

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zip/1.75.0/include/boost/outcome/detail/basic\_result\_storage.hpp

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\*/

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zip/1.75.0/include/boost/predef/version\_number.h  
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/\*!  
@file  
Forward declares `boost::hana::Searchable`.

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zip/1.75.0/include/boost/hana/fwd/concept/searchable.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

[begin\_description]  
Default Integrate adaptive implementation.  
[end\_description]

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zip/1.75.0/include/boost/accumulators/statistics/weighted\_p\_square\_cumulative\_distribution.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/expand\_pack.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rend.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p\_square\_cumulative\_distribution.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/std/iterator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/any.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/env.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/empty.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/expand\_pack.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/end.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rbegin.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/pack\_impl.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/begin.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/size.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack\_impl.hpp

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```
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=====*/
```

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/as\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/list\_to\_cons.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_same\_size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/as\_set.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Detect the need to insert a whitespace token into the output stream

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/insert\_whitespace\_detection.hpp

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result.h

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/result.hpp  
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/\* boost random/weibull\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

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using.hpp

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Found in path(s):

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/\*!

@file

Forward declares `boost::hana::Monad`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monad.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/modified\_midpoint.hpp

[begin\_description]

Modified midpoint method for the use in Burlish-Stoer stepper.

[end\_description]

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Copyright 2012 Christoph Koke

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/modified\_midpoint.hpp

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@file

Defines `boost::hana::duplicate`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/duplicate.hpp
```

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```
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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_iostream.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_complex.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_limits.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_cmath.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/cstdfloat.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_types.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat_complex_std.hpp
```

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```
/* A very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)
```

```
File Created: June 2017
```

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zip/1.75.0/include/boost/outcome/result.hpp

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/\*\*

\* \_\*- c++ -\*-

\*

\* \file tags.hpp

\*

\* \brief Tags.

\*

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\*

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/tags.hpp

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/\*

@file

Defines `boost::hana::experimental::type\_name`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/experimental/type\_name.hpp

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@file

Defines `boost::hana::drop\_front\_exactly`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/split\_interval\_set.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_member\_function.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_member\_variable.hpp

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/callable\_wrapper.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/any\_collection.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/function\_collection.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment\_split.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_nothrow\_eq\_comparable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_constructible.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_final.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/iterator\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/iterator\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/type\_restitution.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/base\_collection\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_acceptable.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/base\_collection.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/any\_collection\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_invocable.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54\_classic.hpp

[begin\_description]

Classical implementation of the Runge-Kutta Cash-Karp 5(4) method.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54\_classic.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_seek.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive/seek.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/seek.hpp

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@file

Defines `boost::hana::repeat`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/repeat.hpp

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/for_each.hpp
```

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```
/*
```

```
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*
```

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```

```
*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/file_management.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/file_mapping.hpp
```

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```
/**
```

```
* \file size.hpp
```

```
*
```

```
* \brief The family of \c size operations.
```

```
*
```

```
* Copyright (c) 2009-2010, Marco Guazzone
```

```
*
```

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```

```
*
```

```
* \author Marco Guazzone, marco.guazzone@gmail.com
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/size.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::suffix`.
```

```
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```

```
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```

```
*/
```

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/\* boost random/vector\_io.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/detail/vector\_io.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the preprocessor iterator

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_iterator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/eigen/eigen\_resize.hpp

[begin\_description]

tba.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen\_resize.hpp

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/\* Pointer to a SG14 status\_code

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_ptr.hpp

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Found in path(s):

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function\_param\_limit.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_bounded\_queue.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/sync\_queue.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_deque.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_queue.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/sync\_bounded\_queue.hpp

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@file

Defines `boost::hana::front`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/front.hpp

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/\*

\* Defines the class template boost::iostreams::detail::device\_adapter,

\* a convenience base class for device adapters.

\*

\* File: boost/iostreams/detail/adapter/filter\_adapter.hpp

\* Date: Mon Nov 26 14:35:48 MST 2007

\*

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/iostreams/detail/adapter/device\_adapter.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility/loops.hpp

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zip/1.75.0/include/boost/spirit/home/classic/iterator/multi\_pass.hpp

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@file

Forward declares `boost::hana::repeat`.

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// This helper function manages the attribution of vertex indices.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/directed\_graph.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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[auto\_generated]

boost/numeric/odeint/algebra/detail/norm\_inf.hpp

[begin\_description]

Default reduce implementation.

[end\_description]

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\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

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[auto_generated]
boost/numeric/odeint/stepper/explicit_error_generic_rk.hpp
```

```
[begin_description]
Implementation of the generic Runge Kutta error stepper. Base class for many RK error steppers.
[end_description]
```

```
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```

```
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*/
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```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/explicit_error_generic_rk.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::tag_of` and `boost::hana::tag_of_t`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/core/tag_of.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::ordering`.  
  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ordering.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* *****  
# * * * * *  
# * (C) Copyright Paul Mensonides 2011. *  
# * (C) Copyright Edward Diener 2011. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# * * * * *  
# ***** */
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/to_list.hpp  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/overload.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::lazy`.  
  
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/lazy.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

Copyright (c) 2005-2010 Joel de Guzman  
Copyright (c) 2010 Eric Niebler  
Copyright (c) 2010 Thomas Heller

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/meta\_grammar.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/is\_nullary.hpp

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/\*!

@file

Defines `boost::hana::unique`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/unique.hpp

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/\*!

@file

Forward declares `boost::hana::flatten`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/flatten.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::demux`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/demux.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

[begin\_description]

Implementaiton of the Burlish-Stoer method with dense output

[end\_description]

Copyright 2011-2015 Mario Mulansky

Copyright 2011-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/checking.hpp template implementation file

\*

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/checking.hpp

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/\* Boost interval/hw\_rounding.hpp template implementation file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/hw\_rounding.hpp

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\*  
\* See Boost website at <http://www.boost.org/>  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/allocator\_utilities.hpp

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/\*!

@file

Forward declares `boost::hana::monadic\_compose`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/monadic\_compose.hpp

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/\* Boost interval/detail/bcc\_rounding\_control.hpp file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/interval/detail/bcc\_rounding\_control.hpp

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```
/* boost random/uniform_real.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

```
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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
* Revision history
```

```
* 2001-04-08 added min<max assertion (N. Becker)
```

```
* 2001-02-18 moved to individual header files
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/random/uniform_real.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::max`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/max.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Adapts `std::tuple` for use with Hana.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/hana/ext/std/tuple.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::eval`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/eval.hpp

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/\*!

@file

Forward declares `boost::hana::detail::nested\_by`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/nested\_by\_fwd.hpp

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/\*

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Douglas Gregor (gregod@cs.rpi.edu)

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/core/addressof.hpp

No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/integrate/null_observer.hpp
```

```
[begin_description]  
null_observer  
[end_description]
```

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Copyright 2011-2012 Mario Mulansky

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/null\_observer.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Distributed under the Boost Software License, Version 1.0.  
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* Copyright (c) 2009 Helge Bahmann  
* Copyright (c) 2012 Tim Blechmann  
* Copyright (c) 2014, 2019 Andrey Semashev  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_msvc\_common.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::take_while`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/take\_while.hpp

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Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_density.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_tail\_mean.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail\_mean.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_tail\_quantile.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_tail\_variate\_means.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_covariance.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/density.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/covariance.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_peaks\_over\_threshold.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/pot\_quantile.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_p\_square\_cumul\_dist.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/pot\_tail\_mean.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/peaks\_over\_threshold.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail\_variate\_means.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail\_quantile.hpp

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/\*=====

BOOST\_PP\_VARIADICS version of BOOST\_PP\_IS\_SEQ inspired from  
boost/mpl/aux\_/preprocessor/is\_seq.hpp, original copyrights goes to :

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/preprocessor/is\_seq.hpp  
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```
/*=====
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Copyright (c) 2010 Thomas Heller

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_50.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/expression.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_30.hpp  
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```
/*!
@file
Defines the @ref group-functional module.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2015 Kohei Takahashi
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/index\_sequence.hpp

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/\*!

@file

Defines `boost::hana::transform`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/transform.hpp

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/\*!

@file

Defines `boost::hana::\_`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/placeholder.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/version.h

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/\*!

@file

Adapts `boost::fusion::deque` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion/deque.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/euler.hpp

[begin\_description]

Implementation of the classical explicit Euler stepper. This method is really simple and should only be used for demonstration purposes.

[end\_description]

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Copyright 2010-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/euler.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::Monoid`.

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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monoid.hpp
```

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```
/*!
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@file
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```
Defines `boost::hana::detail::variadic::reverse_apply_flat`.
```

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* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/reverse_apply/flat.hpp
```

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```
/* Boost interval/utility.hpp template interface file
```

```
*
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```
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* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/utility_fwd.hpp
```

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zip/1.75.0/include/boost/python/module.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Macro expansion engine

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@file

Forward declares `boost::hana::default\_` and `boost::hana::is\_default`.

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[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_algebra\_dispatcher.hpp

[begin\_description]

algebra\_dispatcher specialization for vexcl

[end\_description]

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@file remove\_noexcept

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# * http://www.boost.org/LICENSE\_5\_0.txt)  
# *  
# ***** */
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse5\_1024.hpp

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@file

Forward declares `boost::hana::then`.

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boost/numeric/odeint/stepper/detail/adaptive\_adams\_coefficients.hpp

[begin\_description]

Calculation of the coefficients for the adaptive adams stepper.

[end\_description]

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@file

Forward declares `boost::hana::not\_equal`.

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zip/1.75.0/include/boost/hana/fwd/not\_equal.hpp

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\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

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zip/1.75.0/include/boost/poly\_collection/detail/allocator\_adaptor.hpp

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zip/1.75.0/include/boost/phoenix/statement/sequence.hpp

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zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/standard.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/iso8859\_1.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/standard\_wide.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/ascii.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/detail/pass\_container.hpp

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@file

Forward declares `boost::hana::append`.

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zip/1.75.0/include/boost/smart\_ptr/allocate\_shared\_array.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/make\_shared\_array.hpp

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zip/1.75.0/include/boost/smart\_ptr/make\_unique.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_fsal\_base.hpp

[begin\_description]

Base class for all explicit first-same-as-last Runge Kutta steppers.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_fsal\_base.hpp

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@file

Adapts Boost.MPL IntegralConstants for use with Hana.

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Forward declares `boost::hana::is\_subset`.

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@file

Includes all the library components except the adapters for external  
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[auto\_generated]

boost/numeric/odeint/iterator/n\_step\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.

[end\_description]

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zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try\_catch\_eval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/detail/cpp03/preprocessed/function\_operator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_eval.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try\_catch\_expression.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor\_operator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_eval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/catch\_push\_back.hpp  
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zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/call.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen.hpp  
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zip/1.75.0/include/boost/fusion/support/as_const.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/include/define_struct_inline.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/define_struct_inline.hpp
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```

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zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector30_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector40_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector10_fwd.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector20_fwd.hpp
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zip/1.75.0/include/boost/multiprecision/detail/integer\_ops.hpp  
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zip/1.75.0/include/boost/multiprecision/detail/no\_et\_ops.hpp  
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zip/1.75.0/include/boost/multiprecision/concepts/mp\_number\_archetypes.hpp  
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zip/1.75.0/include/boost/multiprecision/random.hpp  
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zip/1.75.0/include/boost/multiprecision/traits/explicit\_conversion.hpp  
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zip/1.75.0/include/boost/multiprecision/cpp\_int/cpp\_int\_config.hpp  
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zip/1.75.0/include/boost/multiprecision/integer.hpp  
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zip/1.75.0/include/boost/multiprecision/traits/max\_digits10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/bitwise.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/limits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/extract\_exponent\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/checked.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/debug\_adaptor.hpp  
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zip/1.75.0/include/boost/multiprecision/logged\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_restricted\_conversion.hpp  
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zip/1.75.0/include/boost/multiprecision/cpp\_int/divide.hpp  
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zip/1.75.0/include/boost/multiprecision/miller\_rabin.hpp  
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zip/1.75.0/include/boost/multiprecision/cpp\_int/add.hpp  
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zip/1.75.0/include/boost/multiprecision/cpp\_int/comparison.hpp  
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zip/1.75.0/include/boost/multiprecision/detail/digits.hpp  
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@file

Forward declares `boost::hana::reverse\_fold`.

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[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_mclachlan.hpp

[begin\_description]

Implementation of the symplectic MacLachlan stepper for separable Hamiltonian system.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/detail/unique\_lock.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/optional\_last\_value.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/detail/null\_output\_iterator.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/dummy\_mutex.hpp

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/\* boost random/extreme\_value\_distribution.hpp header file

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/extreme\_value\_distribution.hpp  
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/\* boost random/fisher\_f\_distribution.hpp header file

\*

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\*

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\* \$Id\$

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/fisher\_f\_distribution.hpp  
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/\*!

@file

Forward declares `boost::hana::front`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/leaf.hpp

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@file

Defines `boost::hana::while\_`.

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zip/1.75.0/include/boost/hana/while.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/fenv.hpp

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/\* Value observers for a very simple basic\_result type

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/basic\_result\_value\_observers.hpp

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boost/hof.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/numeric\_utils.hpp

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```
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zip/1.75.0/include/boost/icl/detail/relation\_state.hpp

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```
/* Include the default amount of outcome
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File Created: Mar 2018
```

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/\*!

@file

Defines `boost::hana::not\_`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/not.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/repository/home/karma/nonterminal.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/karma/what.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_timed\_queue.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/repository/home/karma.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/math/complex/acos.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/karma/delimit\_flag.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/thread/csbl/memory.hpp

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zip/1.75.0/include/boost/thread/csbl/list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/support/iterators/detail/split\_functor\_input\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/system/detail/error\_category\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/operator/and\_predicate.hpp  
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zip/1.75.0/include/boost/spirit/home/lex/lexer/token\_def.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/user\_scheduler.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/nonterminal/detail/fcall.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/primitive/iter\_pos.hpp  
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zip/1.75.0/include/boost/thread/lockable\_concepts.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/istream\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/stream/format\_manip\_attr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/ostream\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/support/iterators/detail/split\_std\_deque\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/detail/first\_owner\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/lex/lexer/lexertl/static\_version.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/char/char.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/executor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/auto/create\_generator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/stream/format\_manip.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/lex/qi/plain\_tokenid\_mask.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/detail/get\_stricttag.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/directive/center\_alignment.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/lex/lexer/lexertl/iterator\_tokenizer.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/lex/lexer/string\_token\_def.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/executors/executor\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/karma/nonterminal/nonterminal\_fwd.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/executors/executor.hpp  
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```
/*!
@file
Defines `boost::hana::append`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/detail/sync\_queue\_base.hpp

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/\* Boost interval/policies.hpp template implementation file

\*

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/\* boost uuid/detail/random\_provider\_posix implementation

\*

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\* \$Id\$

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_posix.hpp

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@file

Includes boost/hana/fwd/integral\_constant.hpp.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/bool.hpp  
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/\*!  
@file  
Defines `boost::hana::and\_`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/and.hpp  
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zip/1.75.0/include/boost/spirit/home/x3/string/symbols.hpp  
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/\* iostream specialisations for result and outcome  
(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (21 commits)  
File Created: July 2017

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zip/1.75.0/include/boost/outcome/iostream\_support.hpp

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/\*!

@file

Forward declares `boost::hana::is\_empty`.

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zip/1.75.0/include/boost/hana/fwd/is\_empty.hpp

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/\*!

@file

Forward declares `boost::hana::Comparable`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/concept/comparable.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/make\_controlled.hpp

[begin\_description]

Factory function to simplify the creation of controlled steppers from error steppers.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/generation/make\_controlled.hpp

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zip/1.75.0/include/boost/move/default\_delete.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/move/detail/workaround.hpp

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zip/1.75.0/include/boost/move/detail/fwd\_macros.hpp

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zip/1.75.0/include/boost/intrusive/pointer\_rebind.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

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zip/1.75.0/include/boost/container/detail/std\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/move/unique\_ptr.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/intrusive/detail/has\_member\_function\_callable\_with.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/detail/compare\_functors.hpp

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zip/1.75.0/include/boost/uuid/detail/uuid\_generic.ipp  
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zip/1.75.0/include/boost/predef/compiler/intel.h  
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/\*!

@file  
Defines `boost::hana::mult`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/page\_protection\_flags.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/limits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/character\_code\_conversion.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/access\_rights.hpp  
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```
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```

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zip/1.75.0/include/boost/spirit/home/x3/numeric/bool.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/bool\_policies.hpp  
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```
/* Boost interval/compare/tribool.hpp template implementation file
*
* Copyright 2002-2003 Guillaume Melquiond
*
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

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zip/1.75.0/include/boost/numeric/interval/compare/tribool.hpp  
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```
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=====*/
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zip/1.75.0/include/boost/spirit/home/classic/core/composite/directives.hpp

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```
/* Boost interval/detail/division.hpp file
*
* Copyright 2003 Guillaume Melquiond, Sylvain Pion
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* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/division.hpp
```

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```
/*!
@file
Defines `boost::hana::adjust_if`.
```

```
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```

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*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/adjust_if.hpp
```

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```
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```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/dont_care.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/preprocessed/funop.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/is_noncopyable.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/detail/core/flow_control.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/vararg_matches_impl.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/detail/static/is_pure.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/traits/null_regex_traits.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/sequence\_stack.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/unpack\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/literal.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/proto/detail/poly\_function\_funop.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/proto.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/generate.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/fold\_tree.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/decltype.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/regex\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/proto/detail/ignore\_unused.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/xpressive/detail/core/matcher/any\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/make\_gcc\_workaround.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/end\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/or\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/fold\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/mark\_end\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/deep\_copy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/xpressive/detail/static/type\_traits.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/fold.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/or\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/sub\_match\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_bos\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/quant\_style.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/optimize.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/literal\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/boyer\_moore.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/proto/detail/matches\_.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/default\_function\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/regex\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/fusion.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/generate\_by\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/optional\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/dynamic/sequence.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/lambda\_matches.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/placeholders.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/compile.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/construct\_funop.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/basic\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/string\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/basic\_regex.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/regex\_token\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/make\_expr\_.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/args.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/make\_expr.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_inverse.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/deduce\_domain\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/lazy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/linker.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_eol\_matcher.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/core.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/poly\_function\_traits.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/domain.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/regex\_error.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_quantifier.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/dynamic/parser\_enum.hpp  
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\*  
\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.  
\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_equality\_comparable.hpp  
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zip/1.75.0/include/boost/callable\_traits/detail/polyfills/make\_index\_sequence.hpp  
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static.h

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/static.hpp

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/\* boost random/detail/polynomial.hpp header file

\*

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\* \$Id\$

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/debug.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/debug.hpp

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@file

Forward declares `boost::hana::all`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/chset\_operators.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/basic\_chset.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/chset.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_attribute.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_token.hpp

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@file

Documents the `BOOST\_HANA\_ADAPT\_ADT` macro.

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```
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```

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zip/1.75.0/include/boost/type\_traits/detail/is Likely\_lambda.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/detail/less\_with\_sign.hpp

[begin\_description]

Helper function to compare times taking into account the sign of dt

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/value\_of\_impl.hpp

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/cons.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/generation/make_cons.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/end_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/begin_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/cons_iterator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/deref_impl.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::remove_if`.
```

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```
*/
```

```
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```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/remove_if.hpp
```

```
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```

```
//
```

```
// detail/impl/dev_poll_reactor.ipp
```

```
// ~~~~~
```

```
//
```

```
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```

```
//
```

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```

```
//
```

```
#ifndef BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

```
#define BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
# pragma once
```

```
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
#include <boost/asio/detail/config.hpp>
```

```
#if defined(BOOST_ASIO_HAS_DEV_POLL)
```

```

#include <boost/asio/detail/dev_poll_reactor.hpp>
#include <boost/asio/detail/assert.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/error.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace detail {

dev_poll_reactor::dev_poll_reactor(boost::asio::execution_context& ctx)
: boost::asio::detail::execution_context_service_base<dev_poll_reactor>(ctx),
  scheduler_(use_service<scheduler>(ctx)),
  mutex_(),
  dev_poll_fd_(do_dev_poll_create()),
  interrupter_(),
  shutdown_(false)
{
  // Add the interrupter's descriptor to /dev/poll.
  ::pollfd ev = { 0, 0, 0 };
  ev.fd = interrupter_.read_descriptor();
  ev.events = POLLIN | POLLERR;
  ev.revents = 0;
  ::write(dev_poll_fd_, &ev, sizeof(ev));
}

dev_poll_reactor::~dev_poll_reactor()
{
  shutdown();
  ::close(dev_poll_fd_);
}

void dev_poll_reactor::shutdown()
{
  boost::asio::detail::mutex::scoped_lock lock(mutex_);
  shutdown_ = true;
  lock.unlock();

  op_queue<operation> ops;

  for (int i = 0; i < max_ops; ++i)
    op_queue_[i].get_all_operations(ops);

  timer_queues_.get_all_timers(ops);

  scheduler_.abandon_operations(ops);
}
}
}
}

```

```

}

void dev_poll_reactor::notify_fork(
    boost::asio::execution_context::fork_event fork_ev)
{
    if (fork_ev == boost::asio::execution_context::fork_child)
    {
        detail::mutex::scoped_lock lock(mutex_);

        if (dev_poll_fd_ != -1)
            ::close(dev_poll_fd_);
        dev_poll_fd_ = -1;
        dev_poll_fd_ = do_dev_poll_create();

        interrupter_.recreate();

        // Add the interrupter's descriptor to /dev/poll.
        ::pollfd ev = { 0, 0, 0 };
        ev.fd = interrupter_.read_descriptor();
        ev.events = POLLIN | POLLERR;
        ev.revents = 0;
        ::write(dev_poll_fd_, &ev, sizeof(ev));

        // Re-register all descriptors with /dev/poll. The changes will be written
        // to the /dev/poll descriptor the next time the reactor is run.
        for (int i = 0; i < max_ops; ++i)
        {
            reactor_op_queue<socket_type>::iterator iter = op_queue_[i].begin();
            reactor_op_queue<socket_type>::iterator end = op_queue_[i].end();
            for (; iter != end; ++iter)
            {
                ::pollfd& pending_ev = add_pending_event_change(iter->first);
                pending_ev.events |= POLLERR | POLLHUP;
                switch (i)
                {
                    {
                        case read_op: pending_ev.events |= POLLIN; break;
                        case write_op: pending_ev.events |= POLLOUT; break;
                        case except_op: pending_ev.events |= POLLPRI; break;
                        default: break;
                    }
                }
            }
        }
        interrupter_.interrupt();
    }
}

void dev_poll_reactor::init_task()
{

```

```

scheduler_.init_task();
}

int dev_poll_reactor::register_descriptor(socket_type, per_descriptor_data&)
{
return 0;
}

int dev_poll_reactor::register_internal_descriptor(int op_type,
socket_type descriptor, per_descriptor_data&, reactor_op* op)
{
boost::asio::detail::mutex::scoped_lock lock(mutex_);

op_queue_[op_type].enqueue_operation(descriptor, op);
::pollfd& ev = add_pending_event_change(descriptor);
ev.events = POLLERR | POLLHUP;
switch (op_type)
{
case read_op: ev.events |= POLLIN; break;
case write_op: ev.events |= POLLOUT; break;
case except_op: ev.events |= POLLPRI; break;
default: break;
}
interrupter_.interrupt();

return 0;
}

void dev_poll_reactor::move_descriptor(socket_type,
dev_poll_reactor::per_descriptor_data&,
dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::start_op(int op_type, socket_type descriptor,
dev_poll_reactor::per_descriptor_data&, reactor_op* op,
bool is_continuation, bool allow_speculative)
{
boost::asio::detail::mutex::scoped_lock lock(mutex_);

if (shutdown_)
{
post_immediate_completion(op, is_continuation);
return;
}

if (allow_speculative)
{

```

```

if (op_type != read_op || !op_queue_[except_op].has_operation(descriptor))
{
    if (!op_queue_[op_type].has_operation(descriptor))
    {
        if (op->perform())
        {
            lock.unlock();
            scheduler_.post_immediate_completion(op, is_continuation);
            return;
        }
    }
}
}

```

```

bool first = op_queue_[op_type].enqueue_operation(descriptor, op);
scheduler_.work_started();
if (first)
{
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLERR | POLLHUP;
    if (op_type == read_op
        || op_queue_[read_op].has_operation(descriptor))
        ev.events |= POLLIN;
    if (op_type == write_op
        || op_queue_[write_op].has_operation(descriptor))
        ev.events |= POLLOUT;
    if (op_type == except_op
        || op_queue_[except_op].has_operation(descriptor))
        ev.events |= POLLPRI;
    interrupter_.interrupt();
}
}

```

```

void dev_poll_reactor::cancel_ops(socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);
    cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

```

```

void dev_poll_reactor::deregister_descriptor(socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&, bool)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll.
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLREMOVE;
}

```

```

interrupter_.interrupt();

// Cancel any outstanding operations associated with the descriptor.
cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

void dev_poll_reactor::deregister_internal_descriptor(
    socket_type descriptor, dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll. Since this function is only called
    // during a fork, we can apply the change immediately.
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLREMOVE;
    ev.revents = 0;
    ::write(dev_poll_fd_, &ev, sizeof(ev));

    // Destroy all operations associated with the descriptor.
    op_queue<operation> ops;
    boost::system::error_code ec;
    for (int i = 0; i < max_ops; ++i)
        op_queue_[i].cancel_operations(descriptor, ops, ec);
}

void dev_poll_reactor::cleanup_descriptor_data(
    dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::run(long usec, op_queue<operation>& ops)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // We can return immediately if there's no work to do and the reactor is
    // not supposed to block.
    if (usec == 0 && op_queue_[read_op].empty() && op_queue_[write_op].empty()
        && op_queue_[except_op].empty() && timer_queues_.all_empty())
        return;

    // Write the pending event registration changes to the /dev/poll descriptor.
    std::size_t events_size = sizeof(::pollfd) * pending_event_changes_.size();
    if (events_size > 0)
    {
        errno = 0;
        int result = ::write(dev_poll_fd_,
            &pending_event_changes_[0], events_size);
    }
}

```

```

if (result != static_cast<int>(events_size))
{
    boost::system::error_code ec = boost::system::error_code(
        errno, boost::asio::error::get_system_category());
    for (std::size_t i = 0; i < pending_event_changes_.size(); ++i)
    {
        int descriptor = pending_event_changes_[i].fd;
        for (int j = 0; j < max_ops; ++j)
            op_queue_[j].cancel_operations(descriptor, ops, ec);
    }
}
pending_event_changes_.clear();
pending_event_change_index_.clear();
}

```

```
// Calculate timeout.
```

```

int timeout;
if (usec == 0)
    timeout = 0;
else
{
    timeout = (usec < 0) ? -1 : ((usec - 1) / 1000 + 1);
    timeout = get_timeout(timeout);
}
lock.unlock();

```

```
// Block on the /dev/poll descriptor.
```

```

::pollfd events[128] = { { 0, 0, 0 } };
::dvpoll dp = { 0, 0, 0 };
dp.dp_fds = events;
dp.dp_nfds = 128;
dp.dp_timeout = timeout;
int num_events = ::ioctl(dev_poll_fd_, DP_POLL, &dp);

```

```
lock.lock();
```

```
// Dispatch the waiting events.
```

```

for (int i = 0; i < num_events; ++i)
{
    int descriptor = events[i].fd;
    if (descriptor == interrupter_.read_descriptor())
    {
        interrupter_.reset();
    }
    else
    {
        bool more_reads = false;
        bool more_writes = false;

```

```

bool more_except = false;

// Exception operations must be processed first to ensure that any
// out-of-band data is read before normal data.
if (events[i].events & (POLLPRI | POLLERR | POLLHUP))
    more_except =
        op_queue_[except_op].perform_operations(descriptor, ops);
else
    more_except = op_queue_[except_op].has_operation(descriptor);

if (events[i].events & (POLLIN | POLLERR | POLLHUP))
    more_reads = op_queue_[read_op].perform_operations(descriptor, ops);
else
    more_reads = op_queue_[read_op].has_operation(descriptor);

if (events[i].events & (POLLOUT | POLLERR | POLLHUP))
    more_writes = op_queue_[write_op].perform_operations(descriptor, ops);
else
    more_writes = op_queue_[write_op].has_operation(descriptor);

if ((events[i].events & (POLLERR | POLLHUP)) != 0
    && !more_except && !more_reads && !more_writes)
{
    // If we have an event and no operations associated with the
    // descriptor then we need to delete the descriptor from /dev/poll.
    // The poll operation can produce POLLHUP or POLLERR events when there
    // is no operation pending, so if we do not remove the descriptor we
    // can end up in a tight polling loop.
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLREMOVE;
    ev.revents = 0;
    ::write(dev_poll_fd_, &ev, sizeof(ev));
}
else
{
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLERR | POLLHUP;
    if (more_reads)
        ev.events |= POLLIN;
    if (more_writes)
        ev.events |= POLLOUT;
    if (more_except)
        ev.events |= POLLPRI;
    ev.revents = 0;
    int result = ::write(dev_poll_fd_, &ev, sizeof(ev));
    if (result != sizeof(ev))

```

```

    {
        boost::system::error_code ec(errno,
            boost::asio::error::get_system_category());
        for (int j = 0; j < max_ops; ++j)
            op_queue_[j].cancel_operations(descriptor, ops, ec);
    }
}
}
}
timer_queues_.get_ready_timers(ops);
}

void dev_poll_reactor::interrupt()
{
    interrupter_.interrupt();
}

int dev_poll_reactor::do_dev_poll_create()
{
    int fd = ::open("/dev/poll", O_RDWR);
    if (fd == -1)
    {
        boost::system::error_code ec(errno,
            boost::asio::error::get_system_category());
        boost::asio::detail::throw_error(ec, "/dev/poll");
    }
    return fd;
}

void dev_poll_reactor::do_add_timer_queue(timer_queue_base& queue)
{
    mutex::scoped_lock lock(mutex_);
    timer_queues_.insert(&queue);
}

void dev_poll_reactor::do_remove_timer_queue(timer_queue_base& queue)
{
    mutex::scoped_lock lock(mutex_);
    timer_queues_.erase(&queue);
}

int dev_poll_reactor::get_timeout(int msec)
{
    // By default we will wait no longer than 5 minutes. This will ensure that
    // any changes to the system clock are detected after no longer than this.
    const int max_msec = 5 * 60 * 1000;
    return timer_queues_.wait_duration_msec(
        (msec < 0 || max_msec < msec) ? max_msec : msec);
}

```

```

}

void dev_poll_reactor::cancel_ops_unlocked(socket_type descriptor,
    const boost::system::error_code& ec)
{
    bool need_interrupt = false;
    op_queue<operation> ops;
    for (int i = 0; i < max_ops; ++i)
        need_interrupt = op_queue_[i].cancel_operations(
            descriptor, ops, ec) || need_interrupt;
    scheduler_.post_deferred_completions(ops);
    if (need_interrupt)
        interrupter_.interrupt();
}

::pollfd& dev_poll_reactor::add_pending_event_change(int descriptor)
{
    hash_map<int, std::size_t>::iterator iter
        = pending_event_change_index_.find(descriptor);
    if (iter == pending_event_change_index_.end())
    {
        std::size_t index = pending_event_changes_.size();
        pending_event_changes_.reserve(pending_event_changes_.size() + 1);
        pending_event_change_index_.insert(std::make_pair(descriptor, index));
        pending_event_changes_.push_back(::pollfd());
        pending_event_changes_[index].fd = descriptor;
        pending_event_changes_[index].revents = 0;
        return pending_event_changes_[index];
    }
    else
    {
        return pending_event_changes_[iter->second];
    }
}

} // namespace detail
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // defined(BOOST_ASIO_HAS_DEV_POLL)

#endif // BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP

Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/detail/impl/dev_poll_reactor.ipp

```

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```
/* Proposed SG14 status_code  
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)  
File Created: Jun 2018
```

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```

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zip/1.75.0/include/boost/outcome/experimental/status-code/errored_status_code.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/detail/generic_rk_call_algebra.hpp
```

```
[begin_description]
```

```
Algebra caller for the generic Runge-Kutta methods.
```

```
[end_description]
```

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/\*!

@file

Defines `boost::hana::equal`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/equal.hpp

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\*/

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/refcounted.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/pp\_perfect\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/serialization\_helper.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/perfect\_fwd.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/hashed\_factory.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/dyn\_perfect\_fwd.hpp

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/\* Boost interval/transc.hpp template implementation file

\*/

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/\*!

@file

Defines operators for Orderables.

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zip/1.75.0/include/boost/multiprecision/traits/is\_byte\_container.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_backend.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/import\_export.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

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zip/1.75.0/include/boost/thread/detail/invoke.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/thread/detail/make\_tuple\_indices.hpp

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zip/1.75.0/include/boost/thread/detail/invoke.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/compute/compute\_algebra\_dispatcher.hpp

[begin\_description]

algebra\_dispatcher specialization for Boost.Compute

[end\_description]

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zip/1.75.0/include/boost/interprocess/allocators/detail/node\_tools.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/detail/interprocess\_tester.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/sync/shm/named\_creation\_functor.hpp

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zip/1.75.0/include/boost/atomic/detail/config.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_resize.hpp

[begin\_description]

Enable resizing for vexcl vector and multivector.

[end\_description]

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/\* boost random/exponential\_distribution.hpp header file

\*

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\*  
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\*  
\* \$Id\$  
\*

```
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/exponential_distribution.hpp
```

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```
/* boost random/lagged_fibonacci.hpp header file
```

```
*
```

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```

```
*
```

```
* $Id$
```

```
*
```

```
* Revision history
```

```
* 2013-10-14 fixed some warnings with Wshadow (mgaunard)
```

```
* 2001-02-18 moved to individual header files
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/lagged_fibonacci.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::drop_back`.
```

```
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```

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* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/drop_back.hpp
```

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```
/* Sets Outcome version
```

```
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```

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/version.hpp

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/\*!

@file

Defines `boost::hana::Monad`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/concept/monad.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

See <http://www.boost.org/libs/wave> for documentation

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=====\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/rotating\_buffer.hpp

[begin\_description]

Implementation of a rotating (cyclic) buffer for use in the Adam Bashforth stepper

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/detail/rotating\_buffer.hpp

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infix.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/infix.hpp

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/\*!

@file

Defines `boost::hana::integral\_constant`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/integral\_constant.hpp  
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/\*!  
@file  
Forward declares `boost::hana::Hashable`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/hashable.hpp  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/other/workaround.h  
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/\*!  
@file  
Defines `boost::hana::then`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/then.hpp

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/\*!

@file

Defines macros to perform different kinds of assertions.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/assert.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/error\_handling.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/detail/is\_range.hpp

[begin\_description]

is\_range implementation. Taken from the boost::range library.

[end\_description]

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/detail/is\_range.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector.hpp

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/\*!

@file

Defines `boost::hana::eval\_if`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/eval_if.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::cycle`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/cycle.hpp
```

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```
/*=====
```

```
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```

```
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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/map_iterator.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::drop_into`.
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/drop_into.hpp
```

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```
/*=====
```

```
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```

```
result_type.hpp
```

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```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/result\_type.hpp

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/\*

boost/numeric/odeint/stepper/detail/controlled\_adams\_bashforth\_moulton.hpp

[begin\_description]

Implementation of an controlled adams bashforth moulton stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_adams\_bashforth\_moulton.hpp

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\*

\* This header is deprecated, use boost/winapi/time.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/time.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/openmp/openmp\_range\_algebra.hpp

[begin\_description]

Range algebra for OpenMP.

[end\_description]

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_range\_algebra.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/simple\_trace.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auxiliary.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/unused.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/nonterminal/locals.hpp

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/\*!

@file

Adapts `std::array` for use with Hana.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/array.hpp

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```
/*!  
@file  
Defines `boost::hana::accessors`.  
  
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/accessors.hpp  
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```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/binary_search.hpp  
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```

```
/*!  
@file  
Forward declares `boost::hana::intersection`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/intersection.hpp  
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```

```
/*=====
```

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```
=====*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/single_view.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/single_view_iterator.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/begin_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/deref_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/query/find.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/query/find_if.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/end_impl.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/value_of_impl.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/iterator/detail/times_iterator_impl.hpp
```

```
[begin_description]
tba.
[end_description]
```

```
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```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/times_iterator_impl.hpp
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```

```
/*=====
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lift.h
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=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/lift.hpp
```

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/\*!

@file

Defines `boost::hana::remove`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/remove.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/algorithm/detail/pdqsort.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Bashforth stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_bashforth\_call\_algebra.hpp

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/\*

@file add\_noexcept

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_noexcept.hpp

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/\* Boost interval/compare/set.hpp template implementation file

\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/set.hpp

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/\*!

@file

Forward declares `boost::hana::prefix`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/prefix.hpp

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/\*!

@file

Defines `boost::hana::make`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/make.hpp

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/\* A less simple result type

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zip/1.75.0/include/boost/outcome/experimental/status\_outcome.hpp

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@file

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@file

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zip/1.75.0/include/boost/compute/random/threefry\_engine.hpp

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[auto\_generated]

boost/numeric/odeint/external/compute/compute\_operations\_dispatcher.hpp

[begin\_description]

operations\_dispatcher specialization for Boost.Compute

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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[auto\_generated]

boost/numeric/odeint/external/compute/compute.hpp

[begin\_description]

includes all headers required for using odeint with Boost.Compute

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/compute/compute.hpp

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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/rule.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/reverse\_view\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/insert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/reference.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/pop\_front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/erase\_key.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/tuple\_expand.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/nonterminal/expand\_arg.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/limits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_ns.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_vector.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_set/range\_run\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/push\_front.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/mpl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/auxiliary.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/insert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/error\_handler.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/iterator/iterator\_facade.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector\_forward\_ctor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/detail/parser\_binder.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string/detail/tst.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/as\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/tag\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/tuple\_tie.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/advance.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_set/range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/enable\_comparison.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/extended\_variant.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/iterator\_adapter.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/list\_to\_cons.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/iterator\_range.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/std\_tuple\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/joint\_view\_iterator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/domain.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/tag\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/fusion/sequence.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/string/tst_map.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/include/copy.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/grammar.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/info.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/set_fwd.hpp
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```

```
/*!
@file
Defines `boost::hana::zip_with`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/zip_with.hpp
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```

```
/*=====
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placeholders.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/placeholders.hpp
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```

```
/*
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(glenjofe@gmail.com)

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*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/alloc\_construct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/range/detail/less.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/nvp.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/noinit\_adaptor.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/allocate\_unique.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/ostream\_joiner.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/use\_default.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/add\_reference.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/ostream\_put.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/not\_pointer.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/throw\_exception.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/default\_allocator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/first\_scalar.hpp

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/\*

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\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* This header is deprecated, use boost/winapi/environment.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/environment.hpp

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lazy.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/lazy.hpp

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```
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+-----+
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(See accompanying file LICENCE.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/set.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/map.hpp

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```
/*!
@file
Defines `boost::hana::fold_left`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fold\_left.hpp

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```
/*!
@file
Defines `boost::hana::none_of`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/none\_of.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/stepper/detail/generic_rk_algorithm.hpp
```

[begin\_description]

Implementation of the generic Runge-Kutta method.

[end\_description]

Copyright 2011-2013 Mario Mulansky

Copyright 2011-2012 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_algorithm.hpp

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```
/*=====
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if_h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/if.hpp

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/\* C interface for result

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Aug 2017

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/result.h

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/\*!

@file

Defines `boost::hana::detail::array`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/array.hpp

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// Derived from a public domain implementation written by Daniel Casimiro.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/detail/endpoint.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/detail/impl/endpoint.ipp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/basic\_endpoint.hpp

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/\*!

@file

Defines `boost::hana::minus`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/minus.hpp

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Copyright (c) 2003 Giovanni Bajo  
<http://spirit.sourceforge.net/>

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/build\_std\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector40.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_tie.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector20.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/vector\_tie.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/make\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector10.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/set/set\_fwd.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/nview\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector30.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector50.hpp  
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zip/1.75.0/include/boost/chrono/detail/scan\_keyword.hpp  
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zip/1.75.0/include/boost/winapi/time.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/null\_deleter.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/parser\_traits.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_10.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_30.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_50.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_20.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_40.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/string\_traits.hpp

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@file

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/min.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_current\_thread.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_thread.hpp

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\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/raw\_ptr.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/ordered\_index\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/index\_matcher.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/index\_loader.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_impl\_fwd.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/ordered\_index.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/member.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/identity.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/global\_fun.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_ops.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/composite\_key.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/detail/value\_compare.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/multi\_index/ranked\_index\_fwd.hpp

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```
/* boost random/linear_congruential.hpp header file
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/linear\_congruential.hpp

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```
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=====*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/optional.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/kleene_star.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/alternative.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/exclusive_or.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/positive.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequential_or.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequential_and.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/operators.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/intersection.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/difference.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequence.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/composite/list.hpp
```

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```
/*!
@file
Defines `boost::hana::comparing`.

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*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/comparing.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::filter`.
```

```
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```

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```

```
*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/filter.hpp
```

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```

```
/*
```

```
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```

```
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```
base64.cpp and base64.h
```

```
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```
Rene Nyffenegger rene.nyffenegger@adp-gmbh.ch
```

```
*/
```

Found in path(s):

```
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zip/1.75.0/include/boost/beast/core/detail/base64.ipp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::fold_right`.
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fold_right.hpp
```

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```
/* UPDATED BY SCRIPT
```

```
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```

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```
*/
```

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zip/1.75.0/include/boost/outcome/detail/revision.hpp

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@file

Defines `boost::hana::Comparable`.

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zip/1.75.0/include/boost/hana/concept/comparable.hpp

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\*

\* This header is deprecated, use boost/winapi/local\_memory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/local\_memory.hpp

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```
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 *
 * This header is deprecated, use boost/winapi/semaphore.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/semaphore.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eoi.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/algorithm/any_if.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/stream/match_manip.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/algorithm/any_if_ns.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eol.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/stream/match_manip_attr.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/algorithm/any_if_ns_so.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/binary/binary.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/binary/binary.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/attr.hpp
```

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```
/*
 [auto_generated]
 boost/numeric/odeint/stepper/rosenbrock4.hpp
```

[begin\_description]

Implementation of the Rosenbrock 4 method for solving stiff ODEs. Note, that a controller and a dense-output stepper exist for this method,

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4.hpp

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@file

Defines several `constexpr` algorithms.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/algorithm.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/range\_algebra.hpp

[begin\_description]

Default algebra, which works with the most state types, like `vector< double >`, `boost::array< double >`, `boost::range`. Internally is uses `boost::range` to obtain the begin and end iterator of the according sequence.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/range\_algebra.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_count.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_sum.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_window.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/adapt\_callable.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/call.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/epsilon.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54.hpp

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@file

Defines `boost::hana::any\_of`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/any\_of.hpp

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@file

Defines `boost::hana::Applicative`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/concept/applicative.hpp

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/\*!

@file

Defines `boost::hana::tap`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/tap.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the preprocessor symbol BOOST\_IOSTREAMS\_HAS\_DINKUMWARE\_FPOS for

\* platforms that use the implementation of std::fpos from the Dinkumware

\* Standard Library.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/config/fpos.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/list/nil.hpp

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```
/*
* Defines the class template boost::iostreams::detail::filter_adapter,
* a convenience base class for filter adapters.
*
* File:    boost/iostreams/detail/adapter/filter_adapter.hpp
* Date:    Mon Nov 26 14:35:48 MST 2007
* Copyright: 2007-2008 CodeRage, LLC
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com
*
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* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/detail/adapter/filter_adapter.hpp
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```

```
/* Boost interval/arith.hpp template implementation file
*
* Copyright 2000 Jens Maurer
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/arith.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
* Copyright Andrey Semashev 2016.
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* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/log/utility/open_mode.hpp
```

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@file

Defines `boost::hana::unfold\_left`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/unfold\_left.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/cygwin.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/dinkumware.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/windows.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/aix.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/msl.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/m68k.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/metrowerks.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/solaris.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/kai.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/gcc\_xml.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/make.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/linux.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/mingw.h

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/z.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/digitalmars.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/vms.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/qnxnto.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/stlport.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/x86/64.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/irix.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/alpha.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/hp\_acc.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/ia64.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/roguewave.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/libcomo.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/sys390.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/zos.h  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/x86.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/mingw64.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/unix.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/predef/architecture/ppc.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/mips.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/edg.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/amigaos.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/iar.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/compaq.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/predef/library/std/vacpp.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/llvm.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/tendra.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/microtec.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/visualc.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/library.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/hpux.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/uc.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/modena.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/sys370.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/borland.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/superh.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/c/gnu.h  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/pgi.h  
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/\*

[auto\_generated]

boost/numeric/odeint/util/n\_ary\_helper.hpp

Macros to generate scale\_sumN and for\_eachN functors.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/n\_ary\_helper.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/ast.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree\_utils.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree.hpp

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A Standard compliant C++ preprocessor

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_gen.hpp

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/\* Proposed SG14 status\_code

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (5 commits)

File Created: June 2018

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_code\_from\_exception.hpp  
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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/utility/string\_ref\_fwd.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/openmp/openmp\_nested\_algebra.hpp

[begin\_description]

Nested parallelized algebra for OpenMP.

[end\_description]

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Copyright 2013 Mario Mulansky  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_nested\_algebra.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/scoped\_enum\_emulation.hpp

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/\*!

@file

Forward declares the @ref group-core module.

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zip/1.75.0/include/boost/hana/fwd/core.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

The definition of a default set of token identifiers and related

functions.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/token\_ids.hpp

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/\* Boost interval/rounding.hpp template implementation file

\*

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/rounding.hpp

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zip/1.75.0/include/boost/fusion/algorithm/query/any.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/any.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/sfinae\_errors.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/config.hpp

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zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_msvc\_arm.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_x86.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_msvc\_x86.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_windows.hpp

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zip/1.75.0/include/boost/atomic/detail/extra\_ops\_generic.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_x86.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt.hpp

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/\*!

@file

Forward declares `boost::hana::fuse`.

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zip/1.75.0/include/boost/hana/fwd/fuse.hpp

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/\* boost random/triangle\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/this.hpp

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\*

\* This header is deprecated, use boost/winapi/jobs.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/jobs.hpp

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/\*

[auto\_generated]

boost/numeric/odeint.hpp

[begin\_description]

Forward include for odeint. Includes nearly everything.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint.hpp

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/\* Tries to convert an exception ptr into its equivalent error code

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File Created: July 2017

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/utills.hpp

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/\*!

@file

Defines `boost::hana::IntegralConstant`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/integral\_constant.hpp

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```
/*!  
@file  
Defines `boost::hana::ap`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/ap.hpp  
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```

```
/*=====
```

```
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recursive_constexpr_depth.hpp  
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=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/recursive_constexpr_depth.hpp  
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```

```
/*!  
@file  
Defines `boost::hana::default_` and `boost::hana::is_default`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/default.hpp  
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```

```
/*!  
@file  
Defines `boost::hana::unpack`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/unpack.hpp

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Defines `boost::hana::map`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/map.hpp

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@file

Defines `boost::hana::zip\_shortest`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/zip\_shortest.hpp

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# \*

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_tuple.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_64.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_128.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_seq.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_tuple.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/enum.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_list.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/elem\_128.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/elem.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/to\_array.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/size.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/enum.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/elem\_64.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_seq.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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boost/numeric/odeint/stepper/detail/generation\_controlled\_adams\_bashforth\_moulton.hpp

[begin\_description]

Spezialization of the generation functions for creation of the controlled adams bashforth moulton stepper.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/compute/memory\_object.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/gil/extension/io/tiff/detail/supported\_types.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/gil/io/make\_reader.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/scope\_exit.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/transform\_reduce.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/compute/image3d.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/detail/random\_fill.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/compute/functional/convert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/compute/interop/opencv/highgui.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/local\_function/aux\_/preprocessor/traits/decl\_sign\_/any\_bind\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/gil/extension/toolbox/image\_types/subchroma\_image.hpp  
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/\*!

@file

Forward declares `boost::hana::none`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/none.hpp

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/\*

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\*  
\* This header is deprecated, use boost/winapi/crypt.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/crypt.hpp

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/\*

@file is\_noexcept

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_noexcept.hpp

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/\*!

@file

Defines the @ref group-core module.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/core.hpp

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/\* Boost interval/compare/possible.hpp template implementation file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/possible.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/viennacl/viennacl\_resize.hpp

[begin\_description]

Enable resizing for viennacl vector.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/viennacl/viennacl\_resize.hpp

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\*

\* This header is deprecated, use boost/winapi/system.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/system.hpp

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/\*!

@file

Defines operators for Monads.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/monad.hpp
```

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```
/*!
```

```
@file
```

Forward declares `boost::hana::replicate`.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/replicate.hpp
```

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```
/*
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/find_not.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/find_backward.hpp
```

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```
/*!
```

```
@file
```

Forward declares `boost::hana::div`.

```
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/div.hpp
```

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```
/* *****
```

```
# *
```

```
*
```

```
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# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE_1_0.txt)
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/replace.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/pop_back.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/remove.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/pop_front.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/insert.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/push_front.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/push_back.hpp
```

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```
/*=====
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Copyright (c) 2006 Dan Marsden

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/deque/convert.hpp
```

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```
/*
* Distributed under the Boost Software License, Version 1.0.(See accompanying
* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.
*
* File: boost/iostreams/detail/restrict.hpp
* Date: Sun Jan 06 12:57:30 MST 2008
* Copyright: 2008 CodeRage, LLC
           2004-2007 Jonathan Turkanis
* Author: Jonathan Turkanis
```

\* Contact: turkanis at coderage dot com  
\*  
\* Defines the class template boost::iostreams::restriction and the  
\* overloaded function template boost::iostreams::restrict  
\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/restrict.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse\_fold.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/reverse\_fold.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/deref\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/define\_struct.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_struct\_named.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/boost\_array.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/value\_of\_impl.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/reverse\_iter\_fold.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/unfused.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/proxy\_type.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/size\_impl.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/iter\_fold.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_struct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_adt\_named.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/define\_assoc\_struct.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_struct\_named.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt\_named.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_assoc\_adt\_named.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/has\_constraints.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/usage.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/general.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/borland.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/assert.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/msvc.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/general.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/borland.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function1.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function\_n.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/pod\_singleton.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/concept\_undef.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/concept\_def.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function4.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/has\_constraints.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function3.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/detail/register\_archive.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/requires.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/msvc.hpp  
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[auto\_generated]

boost/numeric/odeint/integrate/integrate\_adaptive.hpp

[begin\_description]

Adaptive integration of ODEs.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_adaptive.hpp

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/\* Policies for result and outcome

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/fail\_to\_compile\_observers.hpp

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/\*!

@file

Forward declares `boost::hana::Constant`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/constant.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/safe\_bool.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/openmp/openmp.hpp

[begin\_description]

Wrappers for OpenMP.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

Re2C based C++ lexer

<http://www.boost.org/>

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re2c\_lexer.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re.hpp  
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/\*!

@file

Forward declares `boost::hana::ordering`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/ordering.hpp

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@file

Forward declares `boost::hana::remove\_if`.

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\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_if.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/eigen/eigen\_algebra.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen\_algebra.hpp  
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```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE_1_0.txt  
*  
* This header is deprecated, use boost/winapi/timers.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/timers.hpp  
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```
/*!  
@file  
Defines `boost::hana::adjust`.  
  
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/adjust.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/member\_function\_ptr.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::second`.  
  
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/second.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/ignore.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_sparc.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_sparc.hpp

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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/generation/list_tie.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/support/detail/enabler.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::extract`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/extract.hpp
```

```
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```

```
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```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/lib/cmake/BoostDetectToolset-1.75.0.cmake
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/lib/cmake/Boost-
1.75.0/BoostConfig.cmake
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
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```

```
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```

```
*
```

```
* See http://www.boost.org/libs/iostreams for documentation.
```

```
* File: boost/iostreams/detail/execute.hpp
```

```
* Date: Thu Dec 06 13:21:54 MST 2007
```

```
* Copyright: 2007-2008 CodeRage, LLC
```

```
* Author: Jonathan Turkanis
```

```
* Contact: turkanis at coderage dot com
```

```
*
```

```
* Defines the function boost::iostreams::detail::current_directory, used by
```

```
* boost::iostreams::detail::absolute_path.
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/detail/current_directory.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::map`.
```

```
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```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/map.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*-----+
```

```
Copyright (c) 2010-2010: Joachim Faulhaber
```

```
+-----+
```

```
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```

```
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```

```
http://www.boost.org/LICENSE\_1\_0.txt)
```

```
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/comparable.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval_associator.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/container.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type_traits/is_discrete_interval.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/dynamic_interval_traits.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval_set.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type_traits/adds_inversely.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval_combining_style.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element_set_value.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/on_absorbtion.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/joinable.hpp
```

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/icl/concept/interval\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_set\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element\_map.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_default.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/associative\_interval\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element\_set.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_asymmetric\_interval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_key\_container\_of.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_icl\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/associative\_element\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/map\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_continuous\_interval.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/set\_value.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_container.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_of.hpp  
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Revision history:

28 Sep 2015 mtc First version

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/algorithm/sort\_subrange.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/algorithm/detail/is\_sorted.hpp

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```
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Copyright (c) 2007 Dan Marsden
Copyright (c) 2009-2011 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_assoc\_struct.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer/static\_log2.hpp

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@file

Defines `boost::hana::partial`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/partial.hpp

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```
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive.hpp

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@file

Defines `boost::hana::detail::nested\_than`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_than.hpp

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delegate.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/delegate.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/unit\_helper.hpp

[begin\_description]

Get and set the value of a unit.

[end\_description]

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Copyright 2012-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/unit\_helper.hpp

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/\*!

@file

Adapts `std::integer_sequence` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/integer\_sequence.hpp

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/\*!

@file

Defines `boost::hana::erase_key`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/erase\_key.hpp

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@file

Forward declares `boost::hana::find`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/find.hpp

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/align\_up.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/align\_down.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/align\_down.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned\_clang.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/element\_type.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/align\_up.hpp

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_list.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_operator.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_reuse.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_signature.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_smart.hpp

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- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/wrapper.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/sfinae.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/override.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/unwrap\_wrapper.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/is\_wrapper.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/iterator\_adaptors.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/enable\_if.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/value\_arg.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/wrapper\_base.hpp
- \* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/unwrap\_type\_id.hpp

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/\* Boost interval/utility.hpp template implementation file

- \*
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/std\_array.hpp

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/\*

boost/numeric/odeint/stepper/detail/pid\_step\_adjuster.hpp

[begin\_description]

Implementation of the stepsize controller for the controlled adams bashforth moulton stepper.

[end\_description]

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partial.h

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/partial.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/list/cons_fwd.hpp
```

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```
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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/include/value_at.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/include/io.hpp
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/move/detail/pointer_element.hpp
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/extra_fp_ops_emulated.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```



zip/1.75.0/include/boost/type\_traits/is\_unbounded\_array.hpp  
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@file

Defines `boost::hana::value`.

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zip/1.75.0/include/boost/callable\_traits/detail/default\_callable\_traits.hpp

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zip/1.75.0/include/boost/container/detail/is\_container.hpp

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zip/1.75.0/include/boost/container/detail/is\_contiguous\_container.hpp

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zip/1.75.0/include/boost/container/detail/container\_or\_allocator\_rebind.hpp

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zip/1.75.0/include/boost/container/detail/value\_functors.hpp

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zip/1.75.0/include/boost/spirit/home/support/char\_set/basic\_chset.hpp

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can\_be\_called.h

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zip/1.75.0/include/boost/fusion/include/flatten\_view.hpp

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zip/1.75.0/include/boost/spirit/home/x3/support/utility/is\_callable.hpp

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/\* Boost interval/detail/c99\_rounding\_control.hpp file

\*

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```
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zip/1.75.0/include/boost/numeric/interval/detail/c99_rounding_control.hpp  
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//  
// Official repository: https://github.com/boostorg/beast  
//
```

```
#ifndef BOOST_BEAST_WEBSOCKET_DETAIL_MASK_IPP  
#define BOOST_BEAST_WEBSOCKET_DETAIL_MASK_IPP
```

```
#include <boost/beast/websocket/detail/mask.hpp>
```

```
namespace boost {  
namespace beast {  
namespace websocket {  
namespace detail {
```

```
void  
prepare_key(prepared_key& prepared, std::uint32_t key)  
{  
    prepared[0] = (key >> 0) & 0xff;  
    prepared[1] = (key >> 8) & 0xff;  
    prepared[2] = (key >> 16) & 0xff;  
    prepared[3] = (key >> 24) & 0xff;  
}
```

```
inline  
void  
rol(prepared_key& v, std::size_t n)  
{  
    auto v0 = v;  
    for(std::size_t i = 0; i < v.size(); ++i )  
        v[i] = v0[(i + n) % v.size()];  
}
```

```
// Apply mask in place
```

```
//  
void  
mask_inplace(net::mutable_buffer const& b, prepared_key& key)  
{  
    auto n = b.size();
```

```

auto const mask = key; // avoid aliasing
auto p = static_cast<unsigned char*>(b.data());
while(n >= 4)
{
    for(int i = 0; i < 4; ++i)
        p[i] ^= mask[i];
    p += 4;
    n -= 4;
}
if(n > 0)
{
    for(std::size_t i = 0; i < n; ++i)
        p[i] ^= mask[i];
    rol(key, n);
}
}

} // detail
} // websocket
} // beast
} // boost

#endif

```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/websocket/detail/mask.hpp

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zip/1.75.0/include/boost/msm/row\_tags.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/no\_fsm\_check.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/state\_machine.hpp

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zip/1.75.0/include/boost/msm/front/detail/common\_states.hpp

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zip/1.75.0/include/boost/msm/front/completion\_event.hpp

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zip/1.75.0/include/boost/msm/front/euml/common.hpp

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zip/1.75.0/include/boost/msm/front/euml/stt\_grammar.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/mpl\_graph\_fsm\_check.hpp  
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zip/1.75.0/include/boost/msm/front/euml/state\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/event\_traits.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/functor\_row.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/state\_machine\_def.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/common\_types.hpp  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/common.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/row2.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/active\_state\_switching\_policies.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/states.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/tools.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/favor\_compile\_time.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/proto\_config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/msm\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/euml\_typeof.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/guard\_grammar.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/queue\_container\_deque.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/queue\_container\_circular.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/detail/row2\_helper.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/default\_compile\_policy.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/args.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/internal\_row.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/copy\_policies.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/transformation.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/algorithm.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/phoenix\_placeholders.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/msm/front/euml/operator.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/history\_policies.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/bind\_helpers.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/metafunctions.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/euml/iteration.hpp

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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/function\_eval.hpp

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/runge_kutta_dopri5.hpp
```

```
[begin_description]
```

Implementation of the Dormand-Prince 5(4) method. This stepper can also be used with the dense-output controlled stepper.

```
[end_description]
```

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Copyright 2010-2013 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_dopri5.hpp

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/\*!

@file

Forward declares `boost::hana::span`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/span.hpp

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/\*!

@file

Forward declares `boost::hana::cartesian\_product`.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/cartesian\_product.hpp

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@file

Defines `boost::hana::detail::type\_foldr1`.

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/type\_foldr1.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/count.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/sum.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/weighted\_sum.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/weighted\_mean.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/mean.hpp

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/\*

@file

Defines `boost::hana::experimental::print`.

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zip/1.75.0/include/boost/hana/experimental/printable.hpp

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/wave\_config.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/pattern\_parser.hpp

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```
/*=====
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Copyright (c) 2013 Agustin Berge
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/subcontext.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/move\_to.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/has\_attribute.hpp  
\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_of.hpp

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```
/* boost random/generate_canonical.hpp header file
*
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*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/generate\_canonical.hpp

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```
/**
* -*- c++ -*-
```

```
*
* \file const_iterator_type.hpp
*
* \brief Const iterator to a given container type.
*
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*
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*
* \author Marco Guazzone, marco.guazzone@gmail.com
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/traits/const_iterator_type.hpp
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```

```
/*=====
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join.h
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=====*/
```

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```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/detail/join.hpp
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```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/find_if_not.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/partition_copy.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/partition_point.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/is_partitioned.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/algorithm/cxx11/copy\_n.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/adams\_moulton.hpp

[begin\_description]

Implementation of the Adams-Moulton method. This method is not a real stepper, it is more a helper class which computes the corrector step in the Adams-Bashforth-Moulton method.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_moulton.hpp

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Token sequence analysis and transformation helper functions

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/wave/util/cpp\_macromap\_utils.hpp

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indirect.h

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zip/1.75.0/include/boost/hof/indirect.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/member.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_50.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_10.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_30.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_20.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_40.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_eval.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/observer\_collection.hpp

[begin\_description]

Collection of observers, which are all called during the evolution of the ODE.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/observer\_collection.hpp  
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/\* boost random/detail/ptr\_helper.hpp header file

\*

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\*

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zip/1.75.0/include/boost/random/detail/ptr\_helper.hpp  
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/\*!

@file

Forward declares `boost::hana::scan\_right`.

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zip/1.75.0/include/boost/hana/fwd/scan\_right.hpp  
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/\* boost random/laplace\_distribution.hpp header file

\*

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\* \$Id\$

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zip/1.75.0/include/boost/random/laplace\_distribution.hpp

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Definition of the position\_iterator and file\_position templates

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/file\_position.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the unput queue iterator

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/unput\_queue\_iterator.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/empty\_impl.hpp

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/\*!

@file

Forward declares `boost::hana::product`.

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zip/1.75.0/include/boost/hana/fwd/product.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*

\* The internal implementation of red-black trees is based on that of SGI STL

\* `stl_tree.h` file:

\*

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_node.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_impl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/stepper\_categories.hpp

[begin\_description]

Definition of all stepper categories.

[end\_description]

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/accumulators/statistics/times2\_iterator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/mpi/mpi\_state.hpp

[begin\_description]

A generic split state, storing partial data on each node.

[end\_description]

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\*

\* This header is deprecated, use boost/winapi/apc.hpp instead.

\*/

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zip/1.75.0/include/boost/detail/winapi/apc.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/scoped\_lock.hpp

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/impl/static.hpp  
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\*  
\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.  
\*/

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/stride\_iterator.hpp  
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@file  
Defines `BOOST\_HANA\_DISPATCH\_IF`.

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zip/1.75.0/include/boost/hana/detail/dispatch\_if.hpp  
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@file  
Defines `boost::hana::detail::type\_fold1`.

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for  
Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950>  
(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/error.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/ranges.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/inflate\_stream.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/deflate\_stream.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/window.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/deflate\_stream.hpp

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/beast/zlib/impl/error.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/inflate_stream.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/deflate_stream.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/impl/error.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/inflate_stream.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/zlib.hpp
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/bitstream.hpp
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```

```
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Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/catch_exceptions.hpp
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```

```
/* boost random/detail/generator_bits.hpp header file
*
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788885_1648153079.86/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/generator_bits.hpp
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```

```
/*=====
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=====*/
```

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/alias.hpp

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@file

Defines `boost::hana::type` and related utilities.

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/type.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*

\* Defines preprocessor symbols expanding to the names of functions in the

\* C runtime library used to access file descriptors and to the type used

\* to store file offsets for seeking.

\*

\* File: boost/iostreams/detail/config/rtl.hpp

\* Date: Wed Dec 26 11:58:11 MST 2007

\*

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

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Found in path(s):

\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/config/rtl.hpp

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/\* Boost interval/detail/test\_input.hpp file

\*

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\* /opt/cola/permits/1288788885\_1648153079.86/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/test\_input.hpp

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Defines `boost::hana::Struct`.

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zip/1.75.0/include/boost/hana/concept/struct.hpp

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@file

Forward declares `boost::hana::is\_a` and `boost::hana::is\_an`.

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@file

Defines `boost::hana::detail::index\_if`.

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zip/1.75.0/include/boost/hana/detail/index\_if.hpp

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## 1.60.1 Available under license :

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- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/LongAdder.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/cache/LongAdder.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/cache/Striped64.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/Striped64.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java

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- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/FluentFuture.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/PatternFilenameFilter.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/util/concurrent/UncheckedTimeoutException.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/CollectionFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/AppendableWriter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/TimeoutFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/escape/CharEscaper.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/CaseFormat.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/Futures.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/ImmediateFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/TimeLimiter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/reflect/TypeToken.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/escape/CharEscaperBuilder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/FakeTimeLimiter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/annotations/VisibleForTesting.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/FuturesGetChecked.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AbstractTransformFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AbstractCatchingFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/Java8Compatibility.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/BigDecimalMath.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/ToDoubleRounder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/Java8Compatibility.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AbstractTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredMultimapValues.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Utf8.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/HashingInputStream.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/CharSequenceReader.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/TypeVisitor.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Verify.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/Runnables.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/StandardValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/GraphConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/AbstractValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/EndpointPair.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/graph/ValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/StandardMutableNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/MutableValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/EndpointPairIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/MapRetrievalCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/MapIteratorCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/AbstractGraphBuilder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/DirectedGraphConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/GraphConstants.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/AbstractGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/UndirectedGraphConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Comparators.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/AbstractNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/StandardMutableValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/CollectCollectors.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/MoreCollectors.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/NetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/ForwardingGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/StandardNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/StandardMutableGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/MultiEdgesConnecting.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/graph/EdgesConnecting.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/ElementOrder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/UndirectedMultiNetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/UndirectedNetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/DirectedNetworkConnections.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/NetworkBuilder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/RangeGwtSerializationDependencies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/ImmutableValueGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/ValueGraphBuilder.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/ForwardingNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/GraphBuilder.java

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jar/com/google/common/collect/RangeMap.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/RegularImmutableAsList.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/UnmodifiableSortedMultiset.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/DescendingMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AllEqualOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredSetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/CompactLinkedHashMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SortedMultisetBridge.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingDeque.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingNavigableSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/TreeTraverser.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredEntryMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredEntrySetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/CompactHashMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AbstractNavigableMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/TransformedIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/CompactHashSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/EvictingQueue.java

```
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/TreeRangeMap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/CompactLinkedHashSet.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ImmutableEnumMap.java
```

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```

```
*/
```

```
/**
```

```
* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
* { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
* under GWT but with a slightly different signature.
```

```
*
```

```
* <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
* it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/util/concurrent/Partially.java
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* limitations under the License.
*/
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link
 *   ImmutableSortedMap#of(Comparable, Object)}.</b>
 */

```

Found in path(s):

```

* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/Count.java

```

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SortedIterable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RangeSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SortedIterables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AbstractRangeSet.java

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- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/IndexedImmutableSet.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMap.java

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- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Splitter.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/Service.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteArrayDataOutput.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableTable.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/net/InternetDomainName.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/UnsignedBytes.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/util/concurrent/Callables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Platform.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/reflect/TypeResolver.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/MapMaker.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/JdkFutureAdapters.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/ReferenceEntry.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/DenseImmutableTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
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jar/com/google/common/util/concurrent/AbstractService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/Cut.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/escape/Escapers.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/SparseImmutableTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/MapMakerInternalMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/ForwardingListenableFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/escape/ArrayBasedCharEscaper.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/net/HostSpecifier.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteArrayDataInput.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/xml/XmlEscapers.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/SignedBytes.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/escape/Platform.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteProcessor.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/cache/CacheBuilder.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/ImmutableIntArray.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/AbstractHashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/ImmutableLongArray.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingCondition.java

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```
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ImmutableSortedMap.java
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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ComputationException.java
```

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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/EmptyImmutableSetMultimap.java
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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractIndexedListIterator.java
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableSetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableEnumSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableAsList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableSortedSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ComparisonChain.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ArrayTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/TableCollectors.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SingletonImmutableList.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/MoreObjects.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/SubscriberRegistry.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/Quantiles.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/Subscriber.java  
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  - \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
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  - \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
  - \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
  - \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
  - \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
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jar/com/google/common/annotations/Beta.java

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jar/com/google/common/primitives/package-info.java

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jar/com/google/common/collect/SortedLists.java

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jar/com/google/common/base/Equivalence.java

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jar/com/google/common/util/concurrent/ListeningExecutorService.java

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jar/com/google/common/collect/ContiguousSet.java

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jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java

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info.java  
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jar/com/google/common/cache/Weigher.java  
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jar/com/google/common/math/BigIntegerMath.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/AbstractStreamingHasher.java  
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jar/com/google/common/collect/RegularContiguousSet.java  
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jar/com/google/common/util/concurrent/UncheckedExecutionException.java  
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jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java  
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jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java  
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jar/com/google/common/hash/AbstractNonStreamingHashFunction.java  
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jar/com/google/common/cache/RemovalListeners.java  
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jar/com/google/common/hash/AbstractHasher.java  
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jar/com/google/common/collect/DescendingImmutableSortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/RegularImmutableMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/math/DoubleUtils.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/BloomFilter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/BloomFilterStrategies.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/BoundType.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/primitives/ParseRequest.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/AbstractLoadingCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/FutureCallback.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Queues.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/CacheStats.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/primitives/UnsignedLongs.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Murmur3\_128HashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/ForwardingExecutorService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Crc32cHashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AbstractScheduledService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Absent.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/ExecutionError.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/net/HostAndPort.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/CacheLoader.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Hasher.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/cache/ForwardingCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Funnel.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/FunctionalEquivalence.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/HashCode.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/PairwiseEquivalence.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/PrimitiveSink.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/EmptyContiguousSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/WrappingExecutorService.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Murmur3\_32HashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AsyncFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/reflect/TypeParameter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/math/MathPreconditions.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/MessageDigestHashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/math/LongMath.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/net/HttpHeaders.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/ForwardingLoadingCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/AbstractCompositeHashFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/primitives/UnsignedLong.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/primitives/UnsignedInts.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/reflect/Types.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/LoadingCache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/RemovalListener.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractSortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/Cache.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/util/concurrent/Uninterruptibles.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/cache/RemovalCause.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Enums.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Optional.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/Funnels.java  
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* the License.  
*/  
/**  
* Holder for web specializations of methods of { @code Doubles}. Intended to be empty for regular  
* version.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/primitives/DoublesMethodsForWeb.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ServiceManagerBridge.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Java8Usage.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableMapEntrySet.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableBiMap.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/Platform.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/Range.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/CollectPreconditions.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/RegularImmutableMap.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/UnmodifiableIterator.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/PeekingIterator.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableBiMap.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableMapKeySet.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/collect/Table.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Tables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/SingletonImmutableBiMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableCollection.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/HashBasedTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/StandardRowSortedTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/TreeBasedTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/EmptyImmutableListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableMapValues.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Serialization.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/StandardTable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableEntry.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableSortedSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Collections2.java

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\*/  
/\*\*

\* Returns an array containing all of the elements in the specified collection. This method  
\* returns the elements in the order they are returned by the collection's iterator. The returned  
\* array is "safe" in that no references to it are maintained by the collection. The caller is  
\* thus free to modify the returned array.  
\*  
\* <p>This method assumes that the collection size doesn't change while the method is running.  
\*  
\* <p>TODO(kevinb): support concurrently modified collections?  
\*  
\* @param c the collection for which to return an array of elements  
\*/

Found in path(s):

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ObjectArrays.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/CollectSpliterators.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/package-  
info.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java

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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/SetMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/NullsLastOrdering.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ExplicitOrdering.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/BiMap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ForwardingMultiset.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/Multimaps.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/AbstractMapEntry.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/ComparatorOrdering.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/collect/HashMultimap.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
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jar/com/google/common/collect/ForwardingCollection.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Iterables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingMapEntry.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/MapDifference.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/TreeMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/HashMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ByFunctionOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ClassToInstanceMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/UsingToStringOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Iterators.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/RegularImmutableSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ReverseOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Multiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingObject.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/EnumHashBiMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Sets.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingSortedSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Maps.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/collect/Multisets.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/SortedSetMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/TreeMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/NullsFirstOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/LinkedHashMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/CompoundOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/LinkedListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingConcurrentMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingListIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractBiMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingSortedMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Lists.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/LinkedHashMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Ordering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Multimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ArrayListMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Interner.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/SingletonImmutableSet.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ConcurrentHashMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingMultimap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/EnumBiMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/collect/NaturalOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/Synchronized.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/AbstractMapBasedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ImmutableList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/LexicographicalOrdering.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/ForwardingQueue.java  
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\* This following method is a modified version of one found in  
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jar/com/google/common/collect/CompactHashing.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/IncidentEdgeSet.java

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jar/com/google/common/graph/BaseGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/ClosingFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/AbstractBaseGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/graph/Traverser.java

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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/base/CommonMatcher.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/base/CommonPattern.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/base/PatternCompiler.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/base/JdkPattern.java
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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/primitives/Platform.java
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/util/concurrent/Internal.java
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* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* java.util.HashMap class.
*/
```

Found in path(s):

```
* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/util/concurrent/Striped.java
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* /opt/cola/permits/1118682349_1608591170.06/0/guava-30-1-jre-sources-
jar/com/google/common/reflect/Reflection.java
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jar/com/google/common/collect/SortedMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/SortedMultisets.java

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\* This method was rewritten in Java from an intermediate step of the Murmur hash function in  
\* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the  
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jar/com/google/common/base/SmallCharMatcher.java

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jar/com/google/common/collect/ConsumingQueueIterator.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/InterruptibleTask.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/CombinedFuture.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AsyncCallable.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/ReaderInputStream.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/MacHashFunction.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/Platform.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/AggregateFutureState.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/LittleEndianByteArray.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/hash/FarmHashFingerprint64.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/escape/UnicodeEscaper.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Booleans.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Stopwatch.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Joiner.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/escape/Escaper.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/internal/Finalizer.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Converter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Ints.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Doubles.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FluentIterable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Chars.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/SequentialExecutor.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/CharMatcher.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Shorts.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/MultiReader.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Bytes.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Floats.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/util/concurrent/ListenableFutureTask.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/FileBackedOutputStream.java  
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 */
/**
 * Holder for web specializations of methods of { @code Shorts}. Intended to be empty for regular
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 */
```

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/primitives/ShortsMethodsForWeb.java  
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 * the License.
 */
/**
 * Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular
 * version.
 */
```

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jar/com/google/common/primitives/FloatsMethodsForWeb.java
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 */
/**
 * Holder for web specializations of methods of { @code Ints }. Intended to be empty for regular
 * version.
 */
```

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jar/com/google/common/primitives/IntsMethodsForWeb.java

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/\*\*

\* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular

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\*/

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jar/com/google/common/io/LineBuffer.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/base/Predicate.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-

jar/com/google/common/io/LittleEndianDataOutputStream.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/CountingInputStream.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Suppliers.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/CountingOutputStream.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/eventbus/EventBus.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/eventbus/AllowConcurrentEvents.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Supplier.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/LineReader.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/package-  
info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Objects.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/eventbus/AsyncEventBus.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/eventbus/Subscribe.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/FinalizableReference.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/CharStreams.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/util/concurrent/DirectExecutor.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/collect/EnumMultiset.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/package-  
info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/Flushables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/Files.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Defaults.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/Functions.java  
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jar/com/google/common/collect/Interners.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/base/FinalizableReferenceQueue.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/Resources.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-  
jar/com/google/common/io/MultiInputStream.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/FinalizablePhantomReference.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Throwables.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/AbstractIterator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/Charsets.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/FinalizableSoftReference.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionList.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/AbstractFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/HashBiMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ListenableFuture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/primitives/Primitives.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/DeadEvent.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/eventbus/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteStreams.java  
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- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/Invokable.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/ImmutableRangeSet.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/Element.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/cache/LongAddable.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteSink.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/CharSource.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/PairedStats.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/LongAddables.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ServiceManager.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/SipHashFunction.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/ChecksumHashFunction.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/StatsAccumulator.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/ClassPath.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/ByteSource.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/RateLimiter.java
- \* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/FilteredKeyMultimap.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/escape/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/Parameter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/BaseEncoding.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/PairedStatsAccumulator.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/CharSink.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/AbstractByteHasher.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/LongAddable.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/TypeCapture.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/base/StandardSystemProperty.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/Closer.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/xml/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/Stats.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/reflect/TypeToInstanceMap.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/CartesianList.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/html/package-info.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/FileWriteMode.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/cache/LongAddables.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/math/LinearTransformation.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/SmoothRateLimiter.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java  
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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/MutableGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/ImmutableGraph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/Network.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/io/InsecureRecursiveDeleteException.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/SuccessorsFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/ImmutableNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/TopKSelector.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/PredecessorsFunction.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/Graph.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/MutableNetwork.java  
\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/graph/Graphs.java

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\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/hash/ImmutableSupplier.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMultiset.java

\* /opt/cola/permits/1118682349\_1608591170.06/0/guava-30-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java

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```
* /opt/cola/permits/1310721574_1650884226.05/0/grpc-netty-1-40-1-sources-
jar/io/grpc/netty/GrpcHttp2HeadersUtils.java
```

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Found in path(s):

```
* /opt/cola/permits/1310721574_1650884226.05/0/grpc-netty-1-40-1-sources-
```

jar/io/grpc/netty/NettySocketSupport.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/InternalNettySocketSupport.java  
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jar/io/grpc/netty/NettyChannelCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/NettyServerCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/InsecureFromHttp1ChannelCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/NettySslContextChannelCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/InternalNettyChannelCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/NettySslContextServerCredentials.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
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\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/GrpcHttp2ConnectionHandler.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/AbstractHttp2Headers.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/GracefulCloseCommand.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/ClientTransportLifecycleManager.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/ForcefulCloseCommand.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalNettyChannelBuilder.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/GrpcHttp2OutboundHeaders.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/StreamIdHolder.java

\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalNettyServerBuilder.java

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\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/FixedKeyManagerFactory.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/UnhelpfulSecurityProvider.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/FixedTrustManagerFactory.java

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\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/SendPingCommand.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/NettyServerProvider.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-  
jar/io/grpc/netty/ProtocolNegotiator.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-

jar/io/grpc/netty/GrpcSslContexts.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyChannelProvider.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/CancelServerStreamCommand.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyWritableBuffer.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/ProtocolNegotiators.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyClientStream.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyWritableBufferAllocator.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/AbstractNettyHandler.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/package-info.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/WriteQueue.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/JettyTlsUtil.java  
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- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/SendResponseHeadersCommand.java
- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyChannelBuilder.java
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- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyClientHandler.java
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- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/CancelClientStreamCommand.java
- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/SendGrpcFrameCommand.java
- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyServerBuilder.java
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- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/Utils.java
- \* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/NettyServerHandler.java

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\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalProtocolNegotiationEvent.java  
\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalWriteBufferingAndExceptionHandlerUtils.java  
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\* /opt/cola/permits/1310721574\_1650884226.05/0/grpc-netty-1-40-1-sources-jar/io/grpc/netty/InternalProtocolNegotiator.java

## 1.62 protocol-buffers v3.15.7

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\* VI syntax highlighting tweaks.  
\* Fix compiler to not make output executable.  
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\* Heuristic detection of sub-messages when printing unknown fields in text format.  
Brian Atkinson <nairb774@gmail.com>  
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Vincent Choiniere <Choiniere.Vincent@hydro.qc.ca>  
\* Tru64 support.

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\* Solaris 10 + Sun Studio fixes.

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\* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>  
\* MS Visual Studio error format option.  
\* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>  
\* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>  
\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).  
\* Added generation of field number constants.

Wink Saville <wink@google.com>  
\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>  
\* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>  
\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>  
\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>  
\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>  
\* Detect whether zlib is new enough in configure script.  
\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>  
\* Optimize Java serialization code when writing a small message to a stream.  
\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.  
\* Clean up some Java warnings.  
\* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>  
\* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>  
\* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>  
\* Fixed detection of sched\_yield on Solaris.  
\* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>  
\* Fixed minor IBM xLC compiler build issues  
\* Added atomicops for AIX (POWER)

## 1.63 appdynamics-bindeps-alpine-linux-x64

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## Double-conversion v1.1.5

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Ext headers	GL/ glxext.h	Khronos
	GL/ glxext.h	Khronos
	GL/ wglxext.h	Khronos
	KHR/ khrplatform.h	Khronos

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include/GL/gl.h :

Mesa 3-D graphics library

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```
include/GL/glex.h  
include/GL/glxext.h  
include/GL/wglxext.h :
```

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```
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```

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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\* /opt/cola/permits/1310721514\_1650884104.68/0/grpc-protobuf-lite-1-40-1-sources-jar/io/grpc/protobuf/lite/ProtoInputStream.java

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## 1.66 php 7.1.4

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain

special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes

a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Ty Coon, President of Vice

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## 1.67 com.liferay.blade.cli 4.0.7

## 1.67.1 Available under license :

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```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/util/BladeUtil.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/HelpArgs.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/OutputsArgs.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/CommandType.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/WatchCommand.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/ListProjectTemplatesArgs.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/SamplesVisitor.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/validator/ValidatorSupplier.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/InitArgs.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/ServerStopCommand.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/util/ListUtil.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/ServerInitCommand.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/command/ConvertCommand.java
* /opt/cola/permits/1228031868_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-
jar/com/liferay/blade/cli/gradle/LiferayBundleDeployerImpl.java
```

\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/OutputsCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/UpdateArgs.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/UpdateCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/UninstallExtensionArgs.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/gradle/GradleExec.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/gradle/ProcessResult.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/util/Prompter.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/jmx/JMXBundleDeployer.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/ExtensionsClassLoaderSupplier.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/util/Constants.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/ConvertServiceBuilderCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/BaseCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/jmx/IDEConnector.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/util/StringUtil.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/aether/AetherClient.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/validator/TemplateNameValidator.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/validator/LiferayDefaultVersionValidator.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/LocalServer.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/VersionArgs.java  
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\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/SamplesCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/validator/UpdateArgsValidator.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/properties/locator/PropertyProblemType.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/BladeCLI.java

\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/gradle/GradleTooling.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/ConvertThemeCommand.java  
\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/util/StringPool.java  
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\* /opt/cola/permits/1228031868\_1637004101.41/0/com-liferay-blade-cli-4-0-7-sources-jar/com/liferay/blade/cli/command/DeployCommand.java  
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jar/com/liferay/blade/cli/util/FileWatcher.java

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* /opt/cola/permits/1310721555_1650370396.85/0/google-
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```

## 1.72 jackson-dataformat-yaml 2.12.3

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## 1.77 libboost-type-erasure1.74.0 1.74.0

### 1.77.1 Available under license :

#### HOW TO GENERATE THE COPYRIGHT FILE

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The debian/copyright file for Boost is very complicated, because the library has accumulated a huge number of files and contributors over the years. It would be intractable to fill it by hand, and FTP masters do not like the previous choice to just generically indicate the Boost Software License and see each individual file for the differences.

Fortunately Boost itself already contains a small program, called bcp, that searches for common regular expressions in each file to find the file's license and copyright holders. The program has some deficiencies, but is overall a good foundation to automatically generate a debian/copyright file.

A patched fork of the bcp program is maintained by Giovanni Mascellani in the repository [1].

[1] <https://salsa.debian.org/gio/boost-copyright>

It can be compiled with qmake and make. Then you change dir to where you have unpacked the Boost tarball and run something like:

```
find -type f | grep -v ^./debian/ | grep -v ^./pc/ | bcp --report-debian --read-from-stdin debian/copyright
```

This will erase and regenerate the debian/copyright file. The boost-copyright repository already contains a skeleton of the copyright file (called manual\_copyright), which is automatically included at the beginning of the generated file.

Since bcp cannot identify the copyright status for each single file,

because some of them do not actually contain such information, the manual\_copyright file contains some blanket stanzas for the main Boost directories, so that the copyright for each not better identified file is (reasonably) assigned to the people responsible for that subdirectory. The subdirectories loosely correspond to the individual Boost libraries. Also, a public domain dedication is presumed for the few and very simple files that are neither recognized by the program, neither contained in one of the well-known subdirectories.

The script generator.py, in the boost-copyright repository, can be used to manually regenerate most of manual\_copyright based on the meta/repositories.json files available in the Boost distribution. However it is recommended to carefully check its output, because there will be some inaccuracies.

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Boost

Upstream-Contact: <https://www.boost.org/>

Files-Excluded:

- \*.o
- \*.js
- \*.pdf
- \*.rc
- \*.chm
- \*.mcp
- \*.vcproj
- \*.vcxproj
- \*.vcxproj.filters
- \*.vsprops
- \*.TTF
- \*.sln
- \*.w
- \*.sty
- \*.tex
- \*.patch
- \*.f90
- \*.odp
- \*.xls
- \*.xlsx
- \*.ppt
- \*.pptx
- \*.resx
- \*.cs
- \*.suo
- \*.cd
- \*.csproj
- \*.bmp
- \*.r
- \*.html

\*.htm  
\*.vpp  
\*/resource.h  
\*/.gitignore  
\*/.gitattributes  
\*/.gitmodules  
\*/boost-no-inspect  
tools/build/src/engine/debian/\*  
libs/outcome/doc/src/themes/boostdoc/\*  
doc/images/valid-html401.png  
libs/python/.ci/install.ps1  
tools/build/doc/src/hljs/styles/github.min.css  
libs/qvm/doc/zajo-\*.css  
libs/config/configure  
tools/build/src/engine/jamgram.cpp  
tools/build/src/engine/jamgram.hpp  
libs/python/include/boost/python/detail/python22\_fixed.h  
\*/zlib-1.2.11/\*  
\*/bzip2-1.0.8/\*

Files: \*

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Comment:

For a few files it is difficult or impossible to establish an actual copyright holder; most of such files carry little to no creative content, so the mere fact that they are covered by copyright protection is not obvious. Most probably all such files can safely be considered under the Boost Software License.

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Files:

libs/metaparse/tools/benchmark/include/benchmark\_util.hpp

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libs/range/include/boost/range/mfc\_map.hpp

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Files:  
libs/variant/test/variant\_rvalue\_get\_with\_ampersand\_test.cpp  
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Files:  
libs/graph/test/rcsp\_custom\_vertex\_id.cpp  
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libs/utility/include/boost/utility.hpp  
libs/type\_traits/include/boost/type\_traits/detail/bool\_trait\_undef.hpp  
libs/type\_traits/include/boost/type\_traits/detail/template\_arity\_spec.hpp  
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libs/mpl/include/boost/mpl/aux\_/range\_c/empty.hpp  
libs/mpl/include/boost/mpl/aux\_/arity\_spec.hpp  
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libs/mpl/test/always.cpp  
libs/mpl/test/as\_sequence.cpp  
libs/mpl/test/eval\_if.cpp  
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libs/mpl/test/list.cpp  
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libs/mpl/test/int.cpp  
libs/mpl/test/multiset.cpp  
libs/mpl/test/is\_placeholder.cpp  
libs/mpl/test/for\_each.cpp  
libs/mpl/test/if.cpp  
libs/mpl/test/print.cpp  
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libs/mpl/test/iterator\_tags.cpp  
libs/mpl/test/pop\_front.cpp  
libs/mpl/test/back.cpp  
libs/mpl/test/arithmetic.cpp  
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Files:

libs/msm/example/mpl\_graph/msm\_adaptor.cpp

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Files:

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libs/mpl/doc/src/refmanual/if\_.rst  
libs/mpl/doc/src/refmanual/vector\_c.rst  
libs/mpl/doc/src/refmanual/NumericMetafunction.rst  
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libs/mpl/doc/src/refmanual/min\_element.rst  
libs/mpl/doc/src/refmanual/set.rst  
libs/mpl/doc/src/refmanual/insert\_range.rst  
libs/mpl/doc/src/refmanual/Sequences-Views.rst  
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libs/mpl/doc/src/refmanual/LIMIT\_MAP\_SIZE.rst  
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libs/mpl/doc/src/refmanual/quote.rst  
libs/mpl/doc/src/refmanual/vector.rst  
libs/mpl/doc/src/refmanual/range\_c.rst  
libs/mpl/doc/src/refmanual/at\_c.rst  
libs/mpl/doc/src/refmanual/Macros-Broken.rst  
libs/mpl/doc/src/refmanual/iter\_fold\_if.rst  
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libs/mpl/book/chapter1/binary.hpp  
libs/mpl/test/copy\_if.cpp  
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libs/mpl/test/no\_has\_xxx.cpp  
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libs/mpl/test/set.cpp  
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libs/mpl/test/remove.cpp  
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libs/mpl/include/boost/mpl/aux\_/preprocessed/no\_ttp/bitor.hpp  
libs/mpl/include/boost/mpl/aux\_/preprocessed/no\_ttp/shift\_left.hpp  
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libs/mpl/include/boost/mpl/aux\_/preprocessed/plain/bitor.hpp  
libs/mpl/include/boost/mpl/aux\_/preprocessed/plain/shift\_left.hpp  
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libs/mpl/include/boost/mpl/aux\_/preprocessed/plain/shift\_right.hpp  
libs/mpl/include/boost/mpl/aux\_/preprocessed/plain/bitxor.hpp  
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libs/mpl/include/boost/mpl/aux\_/preprocessed/mwcw/bitxor.hpp  
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libs/mpl/include/boost/mpl/aux\_/preprocessed/bcc551/bitor.hpp  
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libs/config/include/boost/config/compiler/mpw.hpp

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libs/nowide/include/boost/nowide/detail/convert.hpp

libs/nowide/include/boost/nowide/detail/utf.hpp

libs/nowide/include/boost/nowide/stat.hpp

libs/nowide/CMakeLists.txt

libs/nowide/doc/Jamfile.v2

libs/nowide/tools/create\_standalone.sh

libs/nowide/test/CMakeLists.txt

libs/nowide/test/check\_movable\_fstreams.cpp

libs/nowide/test/test\_fstream\_cxx11.cpp

libs/nowide/test/exampleProject/example\_main.cpp  
libs/nowide/test/test\_stat.cpp  
libs/nowide/test/check\_ifs\_support.cpp  
libs/nowide/src/filebuf.cpp  
libs/nowide/src/stat.cpp  
libs/nowide/.github/workflows/ci\_tests.yml  
libs/nowide/.github/workflows/release.yml  
libs/nowide/.github/workflows/update\_standalone.yml  
libs/serialization/test/test\_multi\_shared\_lib.cpp  
libs/serialization/test/multi\_shared2.cpp  
libs/serialization/test/test\_singleton\_inherited.cpp  
libs/serialization/test/multi\_shared1.cpp  
libs/serialization/test/test\_singleton\_plain.cpp  
libs/filesystem/test/issues/99\_canonical\_with\_junction\_point.cpp

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libs/nowide/include/boost/nowide/utf/utf.hpp  
libs/nowide/include/boost/nowide/filebuf.hpp  
libs/nowide/include/boost/nowide/cstdio.hpp  
libs/nowide/include/boost/nowide/utf8\_codecvt.hpp  
libs/nowide/include/boost/nowide/iostream.hpp  
libs/nowide/include/boost/nowide/config.hpp  
libs/nowide/test/test\_fstream.cpp  
libs/nowide/test/benchmark\_fstream.cpp  
libs/nowide/test/test.hpp  
libs/nowide/test/test\_stackstring.cpp  
libs/nowide/test/test\_stdio.cpp  
libs/nowide/standalone/config.hpp  
libs/nowide/src/cstdio.cpp  
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libs/type\_traits/include/boost/type\_traits/promote.hpp

libs/type\_traits/include/boost/type\_traits/integral\_promotion.hpp

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libs/type\_traits/test/promote\_basic\_test.cpp  
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libs/lexical\_cast/test/lexical\_cast\_vc8\_bug\_test.cpp  
libs/lexical\_cast/test/lexical\_cast\_loopback\_test.cpp  
libs/lexical\_cast/test/lexical\_cast\_noncopyable\_test.cpp  
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Files:  
libs/lexical\_cast/include/boost/lexical\_cast.hpp  
libs/lexical\_cast/include/boost/lexical\_cast/detail/converter\_lexical\_streams.hpp  
libs/lexical\_cast/include/boost/lexical\_cast/detail/lcast\_unsigned\_converters.hpp  
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libs/lexical\_cast/include/boost/lexical\_cast/bad\_lexical\_cast.hpp  
libs/lexical\_cast/include/boost/lexical\_cast/lexical\_cast\_old.hpp  
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libs/scope\_exit/example/try\_catch.cpp  
libs/scope\_exit/example/Jamfile.v2  
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libs/scope\_exit/test/tu\_test.hpp  
libs/scope\_exit/test/world\_void\_nova.cpp  
libs/scope\_exit/test/world\_checkpoint\_all.cpp  
libs/scope\_exit/test/world\_void.cpp  
libs/scope\_exit/test/same\_line.cpp  
libs/scope\_exit/test/world\_seq.cpp  
libs/scope\_exit/test/world\_this.cpp  
libs/scope\_exit/test/world\_checkpoint.cpp  
libs/scope\_exit/test/native\_tu\_test.cpp  
libs/scope\_exit/test/world\_checkpoint\_seq.cpp  
libs/scope\_exit/test/world\_tpl\_seq.cpp  
libs/scope\_exit/test/native\_const\_error.cpp  
libs/scope\_exit/test/native\_this.cpp  
libs/scope\_exit/test/world\_this\_seq.cpp  
libs/scope\_exit/test/world\_checkpoint\_all\_seq.cpp  
libs/scope\_exit/test/world\_tpl.cpp  
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libs/scope\_exit/test/native\_tpl.cpp  
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libs/scope\_exit/test/native\_this\_tpl.cpp  
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libs/algorithm/include/boost/algorithm/is\_palindrome.hpp

libs/algorithm/example/is\_partitioned\_until\_example.cpp

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libs/statechart/test/UnsuppDeepHistoryTest.cpp  
libs/statechart/test/InconsistentHistoryTest4.cpp  
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libs/concept\_check/doc/reference/CopyConstructible.xml  
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libs/graph/example/prim-telephone.cpp  
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libs/graph/example/topo-sort-file-dep2.cpp  
libs/graph/example/johnson-eg.cpp  
libs/graph/example/dijkstra-example.cpp  
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libs/graph/example/bfs-example.cpp  
libs/graph/example/vector\_as\_graph.cpp  
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libs/graph/example/leda-graph-eg.cpp  
libs/graph/example/kruskal-example.cpp  
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libs/graph/example/topo-sort-with-leda.cpp  
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libs/atomic/include/boost/atomic/detail/caps\_arch\_gcc\_aarch32.hpp  
libs/atomic/include/boost/atomic/detail/extra\_ops\_msvc\_x86.hpp  
libs/atomic/include/boost/atomic/detail/core\_ops\_gcc\_atomic.hpp  
libs/atomic/include/boost/atomic/detail/extending\_cas\_based\_arithmetic.hpp  
libs/atomic/include/boost/atomic/detail/string\_ops.hpp  
libs/atomic/include/boost/atomic/detail/fp\_ops\_generic.hpp  
libs/atomic/include/boost/atomic/detail/fence\_ops\_gcc\_sync.hpp  
libs/atomic/include/boost/atomic/detail/extra\_fp\_ops\_generic.hpp  
libs/atomic/include/boost/atomic/atomic\_ref.hpp  
libs/atomic/include/boost/atomic/ipc\_atomic\_flag.hpp  
libs/atomic/include/boost/atomic/ipc\_atomic.hpp  
libs/atomic/include/boost/atomic/ipc\_atomic\_ref.hpp  
libs/atomic/config/Jamfile.v2  
libs/atomic/config/has\_synchronization.cpp  
libs/atomic/test/lightweight\_test\_stream.hpp  
libs/atomic/test/cf\_arith\_void\_ptr.cpp  
libs/atomic/test/cf\_arith\_func\_ptr.cpp  
libs/atomic/test/ordering\_ref.cpp  
libs/atomic/test/value\_with\_epsilon.hpp  
libs/atomic/test/atomicity\_ref.cpp  
libs/atomic/test/wait\_test\_helpers.hpp  
libs/atomic/test/ipc\_atomic\_ref\_api.cpp  
libs/atomic/test/wait\_fuzz.cpp  
libs/atomic/test/atomic\_ref\_api.cpp  
libs/atomic/test/test\_clock.hpp  
libs/atomic/test/c\_implicit\_ctor.cpp  
libs/atomic/test/ipc\_wait\_ref\_api.cpp  
libs/atomic/test/aligned\_object.hpp  
libs/atomic/test/ipc\_wait\_api.cpp  
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libs/atomic/test/atomic\_wrapper.hpp  
libs/atomic/test/ipc\_atomic\_api.cpp  
libs/atomic/src/wait\_ops\_windows.cpp  
libs/atomic/src/lock\_pool\_init256.hpp  
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libs/polygon/include/boost/polygon/detail/voronoi\_predicates.hpp  
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libs/test/doc/examples/decorator\_10.run-fail.cpp  
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libs/test/doc/examples/example81\_contexts.run-fail.cpp  
libs/test/doc/examples/decorator\_20.run-fail.cpp  
libs/test/doc/examples/custom\_main.run-fail.cpp  
libs/test/doc/examples/decorator\_06.run-fail.cpp  
libs/test/doc/examples/decorator\_01.run.cpp  
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libs/test/doc/examples/custom\_obsolete\_init.run-fail.cpp  
libs/test/doc/examples/custom\_init.run-fail.cpp  
libs/test/doc/examples/decorator\_02.run.cpp  
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libs/test/doc/examples/decorator\_22.run.cpp  
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libs/optional/test/optional\_test\_common.hpp  
libs/optional/test/optional\_test\_inplace\_factory.cpp  
libs/optional/test/optional\_test\_swap.cpp

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libs/outcome/doc/src/snippets/error\_code\_registration.cpp

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libs/outcome/doc/src/snippets/error\_code\_enums1.cpp  
libs/outcome/doc/src/snippets/policies.cpp  
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libs/outcome/doc/src/snippets/using\_outcome.cpp  
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libs/uuid/include/boost/uuid/nil\_generator.hpp

libs/uuid/include/boost/uuid/detail/uuid\_generic.hpp

libs/uuid/include/boost/uuid/detail/sha1.hpp

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libs/uuid/test/test\_uuid\_in\_map.cpp

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libs/phoenix/test/container/container\_tests5a.cpp  
libs/phoenix/test/container/container\_tests2a.cpp  
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libs/thread/include/boost/thread/detail/platform\_time.hpp  
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libs/thread/include/boost/thread/detail/thread\_interruption.hpp  
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libs/thread/include/boost/thread/pthread/condition\_variable.hpp  
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libs/thread/include/boost/thread/pthread/once.hpp  
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libs/thread/include/boost/thread/pthread/shared\_mutex.hpp  
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libs/thread/include/boost/thread/shared\_mutex.hpp  
libs/thread/include/boost/thread/lock\_algorithms.hpp  
libs/thread/include/boost/thread/win32/basic\_recursive\_mutex.hpp  
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libs/thread/include/boost/thread/win32/mfc\_thread\_init.hpp  
libs/thread/include/boost/thread/win32/mutex.hpp  
libs/thread/include/boost/thread/win32/shared\_mutex.hpp  
libs/thread/example/std\_scoped\_thread.cpp  
libs/thread/example/scoped\_thread.cpp  
libs/thread/example/std\_thread\_guard.cpp  
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libs/thread/doc/barrier.qbk  
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libs/fiber/test/test\_fss\_post.cpp  
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libs/math/include/boost/math/tools/recurrence.hpp  
libs/math/include/boost/math/special\_functions/detail/bessel\_jy\_derivatives\_asym.hpp  
libs/math/include/boost/math/special\_functions/detail/bessel\_derivatives\_linear.hpp  
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libs/math/include/boost/math/special\_functions/bessel\_prime.hpp  
libs/math/tools/bessel\_derivative\_data\_from\_bessel\_ipps.cpp  
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libs/math/test/test\_bessel\_j\_prime.cpp  
libs/math/test/sph\_neumann\_prime\_data.ipp  
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libs/type\_traits/include/boost/type\_traits/has\_trivial\_move\_constructor.hpp  
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libs/nowide/include/boost/nowide/fstream.hpp  
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libs/numeric/ublas/include/boost/numeric/ublas/assignment.hpp  
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Files:

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libs/phoenix/test/function/lazy\_list\_tests.cpp  
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libs/spirit/classic/example/intermediate/simple\_xml/driver.cpp

libs/spirit/classic/example/intermediate/simple\_xml/xml\_g.hpp

libs/spirit/classic/example/intermediate/simple\_xml/tag.cpp

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libs/numeric/ublas/include/boost/numeric/ublas/tensor/functions.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/operators\_arithmetic.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/ostream.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/operators\_comparison.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/expression.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/expression\_evaluation.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/strides.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/storage\_traits.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/tensor.hpp

libs/numeric/ublas/include/boost/numeric/ublas/tensor/algorithms.hpp

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libs/numeric/ublas/include/boost/numeric/ublas/tensor/index.hpp

libs/numeric/ublas/examples/tensor/simple\_expressions.cpp

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libs/numeric/ublas/examples/tensor/einstein\_notation.cpp

libs/numeric/ublas/examples/tensor/construction\_access.cpp

libs/numeric/ublas/test/tensor/test\_multiplication.cpp

libs/numeric/ublas/test/tensor/test\_tensor\_matrix\_vector.cpp

libs/numeric/ublas/test/tensor/test\_strides.cpp

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libs/numeric/ublas/test/tensor/utility.hpp

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libs/predef/include/boost/predef/hardware/simd/x86.h  
libs/predef/include/boost/predef/hardware/simd/x86/versions.h  
libs/predef/include/boost/predef/hardware/simd/ppc/versions.h  
libs/predef/include/boost/predef/hardware/simd/x86\_amd.h  
libs/predef/include/boost/predef/hardware/simd/ppc.h  
libs/predef/include/boost/predef/hardware/simd/x86\_amd/versions.h  
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libs/type\_index/include/boost/type\_index/runtime\_cast/reference\_cast.hpp  
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libs/spirit/repository/example/qi/confix.cpp

libs/spirit/repository/test/qi/confix.cpp  
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libs/gil/include/boost/gil/io/make\_scanline\_reader.hpp  
libs/gil/include/boost/gil/io/row\_buffer\_helper.hpp  
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libs/gil/include/boost/gil/extension/io/targa/detail/writer\_backend.hpp  
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libs/gil/include/boost/gil/extension/io/tiff/read.hpp  
libs/gil/include/boost/gil/extension/toolbox/color\_spaces/hsl.hpp  
libs/gil/include/boost/gil/extension/toolbox/color\_spaces/hsv.hpp  
libs/gil/include/boost/gil/extension/toolbox/color\_spaces/cmyka.hpp  
libs/gil/include/boost/gil/extension/toolbox/color\_converters.hpp

libs/gil/include/boost/gil/extension/toolbox/metafunctions.hpp  
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libs/gil/include/boost/gil/extension/toolbox/image\_types/indexed\_image.hpp  
libs/gil/test/extension/io/simple\_all\_formats.cpp  
libs/gil/test/extension/io/color\_space\_write\_test.hpp  
libs/gil/test/extension/io/targa/targa\_old\_test.cpp  
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libs/gil/test/extension/io/targa/targa\_read\_test.cpp  
libs/gil/test/extension/io/targa/targa\_write\_test.cpp  
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libs/gil/test/extension/io/png/png\_test.cpp  
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libs/gil/test/extension/io/png/png\_read\_test.cpp  
libs/gil/test/extension/io/png/png\_file\_format\_test.cpp  
libs/gil/test/extension/io/subimage\_test.hpp  
libs/gil/test/extension/io/pnm/pnm\_read\_test.cpp  
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libs/gil/test/extension/io/pnm/pnm\_write\_test.cpp  
libs/gil/test/extension/io/pnm/pnm\_old\_test.cpp  
libs/gil/test/extension/io/cmp\_view.hpp  
libs/gil/test/extension/io/paths.hpp  
libs/gil/test/extension/io/jpeg/jpeg\_test.cpp  
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libs/gil/test/extension/io/jpeg/jpeg\_old\_test.cpp  
libs/gil/test/extension/io/jpeg/jpeg\_read\_test.cpp  
libs/gil/test/extension/io/raw/raw\_test.cpp  
libs/gil/test/extension/io/bmp/bmp\_old\_test.cpp  
libs/gil/test/extension/io/bmp/bmp\_test.cpp  
libs/gil/test/extension/io/bmp/bmp\_write\_test.cpp  
libs/gil/test/extension/io/bmp/bmp\_make.cpp  
libs/gil/test/extension/io/bmp/bmp\_read\_test.cpp  
libs/gil/test/extension/io/mandel\_view.hpp  
libs/gil/test/extension/io/tiff/tiff\_write\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_palette\_write\_test\_1-8.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_contig\_test\_21-31\_32-64.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_test\_21-31\_32-64.cpp  
libs/gil/test/extension/io/tiff/tiff\_old\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_palette\_test\_8-16.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_contig\_write\_test\_11-20.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_write\_test\_1-10.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_write\_test\_11-20.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_planar\_test\_21-31\_32-64.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_planar\_test\_11-20.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_palette\_test\_1-8.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_write\_macros.hpp

libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_contig\_test\_11-20.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_read\_macros.hpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_float\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_palette\_write\_test\_8-16.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_write\_test\_21-31\_32-64.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_contig\_write\_test\_21-31\_32\_64.cpp  
libs/gil/test/extension/io/tiff/tiff\_subimage\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_test\_1-10.cpp  
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libs/gil/test/extension/io/tiff/tiff\_file\_format\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_test.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_minisblack\_test\_11-20.cpp  
libs/gil/test/extension/io/tiff/tiff\_tiled\_rgb\_contig\_write\_test\_1-10.cpp  
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libs/gil/test/extension/io/scanline\_read\_test.hpp  
libs/gil/test/extension/toolbox/get\_pixel\_type.cpp  
libs/gil/test/extension/toolbox/color\_convert\_cmyka.cpp  
libs/gil/test/extension/toolbox/subchroma\_image.cpp  
libs/gil/test/extension/toolbox/get\_num\_bits.cpp  
libs/gil/test/extension/toolbox/channel\_type.cpp  
libs/gil/test/extension/toolbox/channel\_view.cpp  
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libs/asio/test/execution/blocking.cpp  
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libs/asio/test/execution/receiver.cpp  
libs/asio/test/execution/execute.cpp  
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libs/asio/test/execution/submit.cpp  
libs/asio/test/execution/set\_done.cpp  
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libs/asio/test/buffered\_write\_stream.cpp  
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libs/asio/test/awaitable.cpp  
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libs/asio/test/ip/basic\_resolver\_entry.cpp  
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libs/asio/test/archetypes/async\_ops.hpp  
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libs/asio/test/buffered\_read\_stream.cpp  
libs/asio/test/detached.cpp  
libs/asio/test/windows/overlapped\_ptr.cpp  
libs/asio/test/windows/basic\_random\_access\_handle.cpp  
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libs/asio/test/is\_read\_buffered.cpp  
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libs/fiber/examples/asio/ps/publisher.cpp  
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libs/beast/example/http/server/small/http\_server\_small.cpp  
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libs/system/test/initialization\_test.cpp

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tools/build/src/engine/option.cpp  
tools/build/src/engine/headers.h  
tools/build/src/engine/command.h  
tools/build/src/engine/make.h  
tools/build/src/engine/glob.cpp  
tools/build/src/engine/timestamp.h  
tools/build/src/engine/scan.h  
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tools/build/src/engine/rules.cpp  
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libs/parameter/include/boost/parameter/aux\_/preprocessor/impl/function\_dispatch\_layer.hpp  
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libs/parameter/include/boost/parameter/name.hpp

libs/parameter/include/boost/parameter/preprocessor.hpp

libs/parameter/test/deduced.hpp

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libs/parameter/include/boost/parameter/keyword.hpp

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libs/parameter/test/basics.hpp

libs/parameter/test/basics.cpp

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libs/date\_time/include/boost/date\_time.hpp

libs/date\_time/include/boost/date\_time/parse\_format\_base.hpp

libs/date\_time/include/boost/date\_time/date.hpp

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libs/beast/include/boost/beast/core/detail/char\_buffer.hpp

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libs/fusion/include/boost/fusion/adapted/struct/detail/adapt\_base\_attr\_filler.hpp

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libs/fusion/test/compile\_time/transform.cpp  
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libs/numeric/ublas/test/test\_coordinate\_vector\_inplace\_merge.cpp

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libs/numeric/ublas/include/boost/numeric/ublas/fwd.hpp  
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libs/geometry/doc/src/examples/algorithms/covered\_by.cpp  
libs/geometry/doc/src/examples/algorithms/touches\_two\_geometries.cpp  
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libs/function/test/function\_typeof\_test.cpp  
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libs/mpi/example/random\_gather.cpp  
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libs/signals2/example/disconnect\_and\_block.cpp

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libs/signals2/doc/reference/reference.xml

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libs/preprocessor/include/boost/preprocessor/facilities/check\_empty.hpp  
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libs/preprocessor/include/boost/preprocessor/punctuation/is\_begin\_parens.hpp  
libs/preprocessor/include/boost/preprocessor/punctuation/remove\_parens.hpp  
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libs/preprocessor/test/isempty.cxx  
libs/preprocessor/test/isempty\_variadic\_standard\_failure2.cpp

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libs/preprocessor/test/checkempty.cxx  
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libs/preprocessor/test/variadic.c  
libs/preprocessor/test/punctuation.cxx  
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libs/preprocessor/test/config\_info.cpp  
libs/lambda/appveyor.yml  
libs/lambda/.travis.yml  
libs/pool/test/random\_shuffle.hpp  
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libs/preprocessor/include/boost/preprocessor/tuple/to\_array.hpp  
libs/preprocessor/include/boost/preprocessor/tuple/enum.hpp  
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libs/preprocessor/include/boost/preprocessor/seq/to\_list.hpp  
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libs/context/src/asm/jump\_arm64\_aapcs\_macho\_gas.S  
libs/context/src/asm/jump\_arm64\_aapcs\_elf\_gas.S  
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Files:

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libs/exception/include/boost/exception/detail/shared\_ptr.hpp  
libs/exception/include/boost/exception/detail/error\_info\_impl.hpp

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libs/qvm/include/boost/qvm/quat\_traits\_array.hpp  
libs/qvm/test/rot\_mat\_test.cpp  
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libs/qvm/test/swizzle3\_test2.cpp  
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libs/qvm/test/translation\_mat\_test.cpp  
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libs/qvm/test/swizzle4\_test4.cpp  
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libs/qvm/test/header-test.cpp  
libs/qvm/test/swizzle4\_test3.cpp  
libs/qvm/test/swizzle4\_test2.cpp  
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libs/qvm/test/minus\_vv\_test.cpp  
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libs/qvm/test/identity\_quat\_test.cpp  
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libs/qvm/test/transform\_test.cpp  
libs/qvm/test/swizzle3\_test3.cpp  
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libs/qvm/test/div\_eq\_ms\_test.cpp  
libs/qvm/test/cmp\_mm\_test.cpp  
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libs/qvm/test/swizzle2\_test2.cpp  
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libs/qvm/test/mul\_qv\_test.cpp  
libs/qvm/test/minus\_m\_test.cpp  
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libs/qvm/test/swizzle2\_test4.cpp  
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libs/qvm/gen/gen.cpp  
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libs/throw\_exception/include/boost/exception/exception.hpp  
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libs/qvm/include/boost/qvm/mat\_operations.hpp  
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libs/phoenix/include/boost/phoenix/statement/sequence.hpp

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libs/fusion/include/boost/fusion/algorithm/iteration/accumulate\_fwd.hpp

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libs/proto/include/boost/proto/detail/remove\_typename.hpp

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libs/accumulators/include/boost/accumulators/statistics/weighted\_median.hpp

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libs/accumulators/test/weighted\_kurtosis.cpp

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libs/accumulators/test/tail\_quantile.cpp

libs/accumulators/test/weighted\_tail\_variate\_means.cpp

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libs/accumulators/test/tail\_mean.cpp  
libs/accumulators/test/weighted\_median.cpp  
libs/accumulators/test/weighted\_variance.cpp  
libs/accumulators/test/weighted\_p\_square\_cumul\_dist.cpp  
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libs/units/include/boost/units/systems/information/shannon.hpp

libs/units/include/boost/units/systems/information/hartley.hpp

libs/units/include/boost/units/systems/information.hpp

libs/units/include/boost/units/base\_units/information/bit.hpp

libs/units/include/boost/units/base\_units/information/nat.hpp

libs/units/include/boost/units/base\_units/information/byte.hpp

libs/units/include/boost/units/base\_units/information/shannon.hpp

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libs/numeric/conversion/include/boost/numeric/conversion/detail/udt\_builtin\_mixture.hpp

libs/numeric/conversion/include/boost/numeric/conversion/detail/bounds.hpp

libs/numeric/conversion/include/boost/numeric/conversion/detail/converter.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/detail/sign\_mixture.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/detail/int\_float\_mixture.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/detail/is\_subranged.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/detail/conversion\_traits.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/detail/meta.hpp  
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libs/numeric/conversion/include/boost/numeric/conversion/converter\_policies.hpp  
libs/numeric/conversion/include/boost/numeric/conversion/bounds.hpp  
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libs/numeric/conversion/include/boost/numeric/conversion/sign\_mixture.hpp  
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libs/optional/include/boost/optional.hpp  
libs/optional/include/boost/optional/optional\_io.hpp  
libs/optional/doc/27\_ref\_optional\_synopsis.qbk  
libs/optional/doc/90\_dependencies.qbk  
libs/optional/doc/28\_ref\_optional\_semantics.qbk  
libs/optional/doc/11\_development.qbk  
libs/optional/doc/Jamfile.v2  
libs/optional/doc/92\_acknowledgments.qbk  
libs/optional/test/optional\_test\_ref\_fail4.cpp  
libs/optional/test/optional\_test\_fail3b.cpp  
libs/optional/test/optional\_test\_fail2.cpp  
libs/optional/test/optional\_test\_ref\_fail3.cpp  
libs/optional/test/optional\_test\_ref\_fail1.cpp

libs/optional/test/optional\_test.cpp  
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libs/sort/include/boost/sort/block\_indirect\_sort/blk\_detail/merge\_blocks.hpp  
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libs/sort/include/boost/sort/block\_indirect\_sort/blk\_detail/parallel\_sort.hpp  
libs/sort/include/boost/sort/block\_indirect\_sort/blk\_detail/constants.hpp  
libs/sort/include/boost/sort/block\_indirect\_sort/blk\_detail/backbone.hpp  
libs/sort/include/boost/sort/parallel\_stable\_sort/parallel\_stable\_sort.hpp  
libs/sort/include/boost/sort/common/pivot.hpp  
libs/sort/include/boost/sort/common/merge\_vector.hpp  
libs/sort/include/boost/sort/common/scheduler.hpp  
libs/sort/include/boost/sort/common/merge\_block.hpp  
libs/sort/include/boost/sort/common/deque\_cnc.hpp  
libs/sort/include/boost/sort/common/sort\_basic.hpp  
libs/sort/include/boost/sort/common/spinlock.hpp  
libs/sort/include/boost/sort/common/util/traits.hpp  
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libs/sort/include/boost/sort/common/util/algorithm.hpp  
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libs/sort/include/boost/sort/common/util/circular\_buffer.hpp  
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libs/sort/include/boost/sort/common/rearrange.hpp  
libs/sort/include/boost/sort/common/time\_measure.hpp  
libs/sort/include/boost/sort/common/range.hpp  
libs/sort/include/boost/sort/common/merge\_four.hpp  
libs/sort/include/boost/sort/common/indirect.hpp  
libs/sort/include/boost/sort/common/stack\_cnc.hpp  
libs/sort/include/boost/sort/heap\_sort/heap\_sort.hpp  
libs/sort/include/boost/sort/sample\_sort/sample\_sort.hpp  
libs/sort/include/boost/sort/spinort/spinort.hpp  
libs/sort/include/boost/sort/flat\_stable\_sort/flat\_stable\_sort.hpp  
libs/sort/test/test\_insert\_sort.cpp  
libs/sort/test/test\_flat\_stable\_sort.cpp  
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libs/sort/test/test\_sample\_sort.cpp  
libs/sort/test/test\_block\_indirect\_sort.cpp  
libs/sort/test/test\_spinort.cpp  
libs/sort/benchmark/single/benchmark\_objects.cpp  
libs/sort/benchmark/single/file\_generator.cpp  
libs/sort/benchmark/single/benchmark\_numbers.cpp  
libs/sort/benchmark/single/benchmark\_strings.cpp  
libs/sort/benchmark/parallel/benchmark\_objects.cpp  
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libs/sort/doc/flat\_stable\_sort.qbk  
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libs/spirit/include/boost/spirit/repository/include/qi\_subrule.hpp  
libs/spirit/include/boost/spirit/repository/home/karma/nonterminal.hpp  
libs/spirit/include/boost/spirit/repository/home/karma/nonterminal/subrule.hpp  
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libs/spirit/include/boost/spirit/home/support/nonterminal/extract\_param.hpp  
libs/spirit/include/boost/spirit/home/karma/nonterminal/detail/parameterized.hpp  
libs/spirit/repository/example/karma/calc2\_ast\_dump\_sr.cpp  
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libs/signals2/include/boost/signals2/predestructible.hpp  
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libs/signals2/include/boost/signals2/detail/foreign\_ptr.hpp  
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libs/signals2/include/boost/signals2/detail/null\_output\_iterator.hpp  
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libs/signals2/include/boost/signals2/detail/preprocessed\_arg\_type\_template.hpp  
libs/signals2/include/boost/signals2/detail/variadic\_arg\_type.hpp  
libs/signals2/include/boost/signals2/detail/unique\_lock.hpp

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libs/signals2/include/boost/signals2/deconstruct\_ptr.hpp  
libs/signals2/include/boost/signals2/postconstructible.hpp  
libs/signals2/include/boost/signals2/signal.hpp  
libs/signals2/include/boost/signals2/variadic\_signal.hpp  
libs/signals2/include/boost/signals2/preprocessed\_signal.hpp  
libs/signals2/include/boost/signals2/dummy\_mutex.hpp  
libs/signals2/include/boost/signals2/connection.hpp  
libs/signals2/include/boost/signals2/signal\_base.hpp  
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libs/signals2/include/boost/signals2/shared\_connection\_block.hpp  
libs/signals2/include/boost/signals2/variadic\_slot.hpp  
libs/signals2/include/boost/signals2/slot.hpp  
libs/signals2/include/boost/signals2/expired\_slot.hpp  
libs/signals2/include/boost/signals2.hpp  
libs/signals2/example/postconstructor\_ex1.cpp  
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libs/signals2/example/extended\_slot.cpp  
libs/signals2/example/predestructor\_example.cpp  
libs/signals2/doc/snippet-extractor.jam  
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libs/signals2/doc/thread\_safety.xml  
libs/signals2/doc/reference/shared\_connection\_block.xml  
libs/signals2/doc/reference/signal\_type.xml  
libs/signals2/doc/reference/slot\_base.xml  
libs/signals2/doc/reference/deconstruct.xml  
libs/signals2/doc/reference/dummy\_mutex.xml  
libs/signals2/doc/reference/signal\_base.xml  
libs/signals2/doc/reference/mutex.xml  
libs/signals2/doc/porting.xml  
libs/signals2/test/regression\_test.cpp  
libs/signals2/test/invocation\_benchmark.cpp  
libs/signals2/test/threading\_models\_test.cpp  
libs/signals2/test/deadlock\_regression\_test.cpp  
libs/signals2/test/signal\_type\_test.cpp  
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Files:

libs/type\_traits/include/boost/type\_traits/has\_bit\_or.hpp

libs/type\_traits/include/boost/type\_traits/has\_less.hpp

libs/type\_traits/include/boost/type\_traits/has\_bit\_xor.hpp

libs/type\_traits/include/boost/type\_traits/has\_logical\_not.hpp

libs/type\_traits/include/boost/type\_traits/has\_multiplies\_assign.hpp

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libs/type\_traits/test/has\_plus\_test.cpp  
libs/type\_traits/test/has\_modulus\_test.cpp  
libs/type\_traits/test/has\_greater\_equal\_test.cpp  
libs/type\_traits/test/has\_right\_shift\_assign\_test.cpp  
libs/type\_traits/test/has\_binary\_classes2\_test.cpp

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Files:

libs/type\_traits/include/boost/type\_traits/detail/has\_prefix\_operator.hpp  
libs/type\_traits/include/boost/type\_traits/detail/has\_postfix\_operator.hpp  
libs/type\_traits/include/boost/type\_traits/detail/has\_binary\_operator.hpp

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libs/accumulators/include/boost/accumulators/statistics/sum\_kahan.hpp  
libs/accumulators/test/sum\_kahan.cpp

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libs/regex/include/boost/regex/v4/basic\_regex.hpp  
libs/regex/include/boost/regex/v4/cpp\_regex\_traits.hpp

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Files:

libs/phoenix/test/bll\_compatibility/control\_structures.cpp  
libs/phoenix/test/bll\_compatibility/algorithm\_test.cpp  
libs/phoenix/test/bll\_compatibility/constructor\_tests.cpp  
libs/phoenix/test/bll\_compatibility/operator\_tests\_simple.cpp  
libs/phoenix/test/bll\_compatibility/exception\_test.cpp  
libs/phoenix/test/bll\_compatibility/bll\_and\_function.cpp  
libs/phoenix/test/bll\_compatibility/extending\_rt\_traits.cpp  
libs/phoenix/test/bll\_compatibility/is\_instance\_of\_test.cpp  
libs/phoenix/test/bll\_compatibility/cast\_test.cpp  
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libs/phoenix/test/bll\_compatibility/bind\_tests\_simple.cpp  
libs/phoenix/test/bll\_compatibility/bind\_tests\_simple\_f\_refs.cpp  
libs/phoenix/test/bll\_compatibility/switch\_construct.cpp  
libs/phoenix/test/bll\_compatibility/member\_pointer\_test.cpp  
libs/tuple/include/boost/tuple/tuple\_io.hpp  
libs/tuple/include/boost/tuple/tuple\_comparison.hpp  
libs/lambda/include/boost/lambda/detail/control\_constructs\_common.hpp  
libs/lambda/include/boost/lambda/detail/member\_ptr.hpp  
libs/lambda/include/boost/lambda/switch.hpp  
libs/lambda/include/boost/lambda/algorithm.hpp  
libs/lambda/include/boost/lambda/bind.hpp  
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libs/lambda/include/boost/lambda/core.hpp  
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libs/lambda/include/boost/lambda/numeric.hpp  
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libs/lambda/test/algorithm\_test.cpp  
libs/lambda/test/constructor\_tests.cpp  
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libs/lambda/test/exception\_test.cpp  
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libs/lambda/test/phoenix\_control\_structures.cpp  
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libs/lambda/test/bind\_tests\_simple\_f\_refs.cpp  
libs/lambda/test/switch\_construct.cpp  
libs/lambda/test/member\_pointer\_test.cpp

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Files:

libs/lambda/include/boost/lambda/if.hpp

libs/lambda/include/boost/lambda/loops.hpp

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Files:

libs/phoenix/test/bll\_compatibility/bind\_tests\_advanced.cpp

libs/lambda/test/bind\_tests\_advanced.cpp

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Files:

libs/math/include/boost/math/distributions/logistic.hpp

libs/math/test/hypergeometric\_test\_data.hpp

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Files:

libs/math/include/boost/math/distributions/detail/hypergeometric\_pdf.hpp

libs/math/include/boost/math/distributions/hypergeometric.hpp

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Files:

libs/math/test/test\_hypergeometric\_dist.cpp

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Files:

libs/math/test/test\_logistic\_dist.cpp

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libs/test/include/boost/test/debug.hpp  
libs/test/include/boost/test/detail/pp\_variadic.hpp  
libs/test/include/boost/test/detail/fwd\_decl.hpp  
libs/test/include/boost/test/detail/throw\_exception.hpp  
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libs/test/include/boost/test/impl/results\_collector.ipp  
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libs/test/example/const\_string.hpp  
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libs/test/example/unit\_test\_example\_06.cpp  
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libs/spirit/repository/doc/acknowledgements.qbk  
libs/spirit/repository/doc/what\_s\_new.qbk  
libs/spirit/repository/doc/spirit2\_repository.qbk  
libs/spirit/repository/doc/preface.qbk  
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libs/spirit/repository/doc/qi.qbk  
libs/spirit/repository/doc/karma/compound\_generators.qbk  
libs/spirit/repository/doc/karma/confix.qbk  
libs/spirit/repository/doc/karma/primitive\_generators.qbk  
libs/spirit/repository/doc/karma/nonterminals.qbk  
libs/spirit/repository/doc/karma/directives.qbk  
libs/spirit/repository/doc/qi/operators.qbk  
libs/spirit/repository/doc/qi/distinct.qbk  
libs/spirit/repository/doc/qi/compound\_parsers.qbk  
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libs/spirit/repository/doc/qi/directives.qbk  
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libs/spirit/test/x3/alternative.cpp  
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libs/spirit/test/x3/matches.cpp  
libs/spirit/test/x3/char\_class.cpp  
libs/spirit/test/x3/lit2.cpp  
libs/spirit/test/karma/bool.cpp  
libs/spirit/test/karma/debug.cpp  
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libs/compute/test/test\_merge\_sort\_gpu.cpp  
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libs/compute/perf/perf\_find.cpp  
libs/compute/perf/perf\_reverse\_copy.cpp  
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libs/compute/perf/perf\_thrust\_reverse\_copy.cu  
libs/compute/perf/perf\_bolt\_sort.cpp  
libs/compute/perf/perf\_bolt\_count.cpp  
libs/compute/perf/perf\_bolt\_partial\_sum.cpp  
libs/compute/perf/perf\_bolt\_reduce\_by\_key.cpp  
libs/compute/perf/perf\_bolt\_inner\_product.cpp  
libs/compute/perf/perf\_bolt\_fill.cpp  
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Files:

libs/spirit/include/boost/spirit/repository/include/qi\_seek.hpp

libs/spirit/include/boost/spirit/repository/home/support/seek.hpp  
libs/spirit/include/boost/spirit/repository/home/qi/directive/seek.hpp  
libs/spirit/include/boost/spirit/home/x3/support/utility/is\_callable.hpp  
libs/spirit/repository/example/qi/seek.cpp  
libs/spirit/repository/test/qi/seek.cpp  
libs/fusion/include/boost/fusion/include/flatten\_view.hpp  
libs/fusion/include/boost/fusion/include/flatten.hpp  
libs/fusion/include/boost/fusion/view/flatten\_view.hpp  
libs/fusion/include/boost/fusion/view/flatten\_view/flatten\_view.hpp  
libs/fusion/include/boost/fusion/view/flatten\_view/flatten\_view\_iterator.hpp  
libs/fusion/include/boost/fusion/algorithm/transformation/flatten.hpp  
libs/fusion/test/algorithm/flatten.cpp  
libs/fusion/test/sequence/flatten\_view.cpp

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Files:

libs/spirit/include/boost/spirit/home/x3/directive/seek.hpp  
libs/spirit/test/x3/seek.cpp

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Files:

libs/dynamic\_bitset/Jamfile  
libs/predef/include/boost/predef/platform/windows\_server.h  
libs/predef/include/boost/predef/platform/windows\_uwp.h  
libs/predef/include/boost/predef/platform/windows\_system.h  
libs/predef/include/boost/predef/platform/cloudabi.h  
libs/predef/include/boost/predef/library/c/cloudabi.h  
libs/predef/test/platform\_windows.cpp  
libs/uuid/include/boost/uuid/entropy\_error.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider\_arc4random.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider\_bcrypt.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider\_detect\_platform.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider\_include\_platform.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider\_getentropy.hpp  
libs/uuid/include/boost/uuid/detail/random\_provider.hpp  
libs/uuid/include/boost/uuid/name\_generator\_md5.hpp  
libs/uuid/include/boost/uuid/uuid\_hash.hpp  
libs/uuid/test/test\_md5.cpp  
libs/uuid/test/mock\_random.cpp  
libs/uuid/test/test\_bench\_random.cpp  
libs/uuid/test/test\_hash.cpp  
libs/uuid/test/mock\_random.hpp  
libs/uuid/test/test\_detail\_random\_provider.cpp

libs/uuid/test/test\_entropy\_error.cpp  
libs/uuid/Jamfile  
libs/iostreams/example/Jamfile.v2  
libs/iostreams/Jamfile  
libs/concept\_check/Jamfile  
libs/rational/Jamfile  
libs/tokenizer/example/Jamfile.v2  
libs/tokenizer/Jamfile  
libs/program\_options/Jamfile  
libs/program\_options/ci/codecov.sh  
libs/program\_options/ci/coverity.sh  
libs/program\_options/ci/mingw.bat  
libs/program\_options/ci/build.sh  
libs/program\_options/ci/cppcheck.sh  
libs/gil/Jamfile  
libs/assign/Jamfile  
libs/date\_time/test/posix\_time/compile\_fail/hours\_special\_value.cpp  
libs/date\_time/test/posix\_time/compile\_fail/minutes\_special\_value.cpp  
libs/date\_time/test/posix\_time/compile\_fail/seconds\_special\_value.cpp  
libs/date\_time/test/posix\_time/compile\_fail/millisc\_special\_value.cpp  
libs/date\_time/test/posix\_time/testtime\_serialize\_versioning.cpp  
libs/date\_time/Jamfile  
libs/signals2/Jamfile  
libs/static\_string/tools/codecov.sh  
libs/function/example/Jamfile  
libs/property\_map/example/Jamfile.v2  
libs/property\_map/Jamfile  
libs/mpl/example/Jamfile.v2  
libs/mpl/Jamfile  
libs/ptr\_container/Jamfile  
libs/format/tools/Jamfile.v2  
libs/format/tools/format\_matrix.cpp  
libs/format/test/format\_test\_exceptions.cpp  
libs/units/covscan.sh  
libs/logic/test/compile-fail/implicit\_int\_3.cpp  
libs/logic/test/compile-fail/operator\_less\_2.cpp  
libs/logic/test/compile-fail/implicit\_int\_2.cpp  
libs/logic/test/compile-fail/implicit\_int\_1.cpp  
libs/logic/test/compile-fail/implicit.cpp  
libs/logic/test/compile-fail/operator\_less\_1.cpp  
libs/logic/Jamfile  
libs/move/Jamfile  
libs/numeric/interval/examples/Jamfile.v2  
libs/numeric/interval/Jamfile  
libs/winapi/include/boost/winapi/bcrypt.hpp  
libs/pool/example/Jamfile.v2  
libs/pool/Jamfile  
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Files:

libs/dynamic\_bitset/test/test\_std\_hash.cpp

libs/dynamic\_bitset/test/test\_ambiguous\_set.cpp

libs/dynamic\_bitset/test/test\_boost\_hash.cpp

libs/dynamic\_bitset/test/test\_lowest\_bit.cpp

libs/uuid/test/digestutils.hpp

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libs/dynamic\_bitset/appveyor.yml

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libs/uuid/appveyor.yml

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libs/iostreams/appveyor.yml

libs/iostreams/.travis.yml

libs/concept\_check/appveyor.yml

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libs/rational/appveyor.yml

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libs/tokenizer/appveyor.yml

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libs/program\_options/appveyor.yml

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libs/test/.travis.yml

libs/test/.appveyor.yml

libs/property\_map/appveyor.yml

libs/property\_map/.travis.yml  
libs/mpl/appveyor.yml  
libs/mpl/.travis.yml  
libs/ptr\_container/appveyor.yml  
libs/ptr\_container/.travis.yml  
libs/format/appveyor.yml  
libs/format/.travis.yml  
libs/units/appveyor.yml  
libs/logic/appveyor.yml  
libs/logic/.travis.yml  
libs/move/appveyor.yml  
libs/move/.travis.yml  
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libs/spirit/test/x3/uint\_radix.cpp

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libs/spirit/test/qi/uint\_radix.cpp

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Files:

libs/spirit/include/boost/spirit/home/x3/numeric/uint.hpp

libs/spirit/include/boost/spirit/home/x3/support/numeric\_utils/extract\_int.hpp

libs/spirit/include/boost/spirit/home/qi/numeric/numeric\_utils.hpp

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libs/circular\_buffer/include/boost/circular\_buffer.hpp

libs/circular\_buffer/include/boost/circular\_buffer\_fwd.hpp  
libs/circular\_buffer/include/boost/circular\_buffer/debug.hpp  
libs/circular\_buffer/test/soft\_iterator\_invalidation.cpp  
libs/circular\_buffer/test/test.hpp  
libs/circular\_buffer/test/constant\_erase\_test.cpp  
libs/circular\_buffer/test/Jamfile.v2  
libs/circular\_buffer/test/space\_optimized\_test.cpp

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libs/circular\_buffer/example/circular\_buffer\_bound\_example.cpp  
libs/circular\_buffer/example/circular\_buffer\_sum\_example.cpp  
libs/circular\_buffer/example/bounded\_buffer\_comparison.cpp  
libs/circular\_buffer/example/circular\_buffer\_iter\_example.cpp  
libs/circular\_buffer/example/circular\_buffer\_example.cpp  
libs/circular\_buffer/doc/circular\_buffer.qbk  
libs/circular\_buffer/doc/circular\_buffer.idx  
libs/circular\_buffer/doc/jamfile.v2  
libs/circular\_buffer/test/bounded\_buffer\_comparison.cpp

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libs/compute/test/test\_literal\_conversion.cpp

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libs/random/include/boost/random/exponential\_distribution.hpp

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Files:

libs/hana/include/boost/hana/hash.hpp  
libs/hana/test/ext/std/array/issue\_304.cpp  
libs/hana/test/map/at\_key.collisions.cpp  
libs/hana/test/experimental/printable/metafunction.cpp  
libs/hana/test/experimental/printable/optional.cpp  
libs/hana/benchmark/find\_if/compile.hana.map.erb.cpp

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libs/hana/include/boost/hana/detail/index\_if.hpp  
libs/hana/include/boost/hana/detail/hash\_table.hpp  
libs/hana/include/boost/hana/index\_if.hpp  
libs/hana/include/boost/hana/tuple.hpp  
libs/hana/include/boost/hana/concept/hashable.hpp  
libs/hana/include/boost/hana/at\_key.hpp  
libs/hana/include/boost/hana/fwd/hash.hpp  
libs/hana/include/boost/hana/fwd/index\_if.hpp  
libs/hana/include/boost/hana/fwd/concept/hashable.hpp  
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libs/hana/example/index\_if.cpp  
libs/hana/test/tuple/auto/index\_if.cpp  
libs/hana/test/index\_if.cpp  
libs/hana/test/basic\_tuple/auto/index\_if.cpp  
libs/hana/test/ext/std/tuple/auto/index\_if.cpp  
libs/hana/test/ext/boost/tuple/auto/index\_if.cpp  
libs/hana/test/ext/boost/fusion/tuple/auto/index\_if.cpp  
libs/hana/test/ext/boost/fusion/vector/auto/index\_if.cpp  
libs/hana/test/ext/boost/fusion/list/auto/index\_if.cpp  
libs/hana/test/ext/boost/fusion/deque/auto/index\_if.cpp  
libs/hana/test/\_include/auto/index\_if.hpp  
libs/hana/test/\_include/support/counter.hpp

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Files:

libs/beast/include/boost/beast/zlib/detail/inflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/detail/window.hpp  
libs/beast/include/boost/beast/zlib/detail/deflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/detail/inflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/detail/deflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/detail/bitstream.hpp  
libs/beast/include/boost/beast/zlib/detail/ranges.hpp  
libs/beast/include/boost/beast/zlib/inflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/impl/error.hpp  
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libs/beast/include/boost/beast/zlib/deflate\_stream.hpp  
libs/beast/include/boost/beast/zlib/error.hpp  
libs/beast/include/boost/beast/zlib/zlib.hpp

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libs/wave/test/testwave/testfiles/t\_8\_005.cpp  
libs/wave/test/testwave/testfiles/t\_8\_002.cpp  
libs/wave/test/testwave/testfiles/t\_2\_023.cpp  
libs/wave/test/testwave/testfiles/t\_2\_025.cpp  
libs/wave/test/testwave/testfiles/t\_8\_001.cpp  
libs/wave/test/testwave/testfiles/t\_8\_003.cpp  
libs/wave/test/testwave/testfiles/t\_2\_029.cpp  
libs/wave/test/testwave/testfiles/t\_8\_004.cpp  
libs/wave/test/testwave/testfiles/t\_2\_026.cpp  
libs/wave/test/testwave/testfiles/t\_2\_028.cpp  
libs/wave/test/testwave/testfiles/t\_8\_011.cpp  
libs/wave/test/testwave/testfiles/t\_8\_006.cpp  
libs/wave/test/testwave/testfiles/t\_2\_024.cpp  
libs/wave/test/testwave/testfiles/t\_8\_010.cpp  
libs/wave/test/testwave/testfiles/t\_8\_007.cpp  
libs/wave/test/testwave/testfiles/t\_2\_030.cpp  
libs/wave/test/testwave/testfiles/t\_2\_027.cpp  
libs/wave/test/testwave/testfiles/t\_8\_009.cpp

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Files:

libs/spirit/classic/example/fundamental/file\_parser.cpp

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Files:

libs/spirit/include/boost/spirit/home/classic/utility/loops.hpp

Copyright:

2002 Jeff Westfahl  
1998-2003 Joel de Guzman  
2002 Raghavendra Satish  
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Files:

libs/spirit/test/support/istream\_iterator\_basic.cpp

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libs/ratio/example/type\_traits/detail/common\_type.hpp

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Files:

libs/config/include/boost/config/stdlib/modena.hpp  
libs/config/test/limits\_test.cpp  
libs/random/include/boost/random.hpp  
libs/random/include/boost/random/detail/const\_mod.hpp  
libs/random/include/boost/random/detail/iterator\_mixin.hpp  
libs/random/include/boost/random/detail/signed\_unsigned\_tools.hpp  
libs/random/include/boost/random/detail/ptr\_helper.hpp  
libs/random/include/boost/random/additive\_combine.hpp  
libs/random/include/boost/random/uniform\_int.hpp  
libs/random/include/boost/random/ranlux.hpp  
libs/random/include/boost/random/xor\_combine.hpp  
libs/random/include/boost/random/random\_number\_generator.hpp  
libs/random/include/boost/random/linear\_congruential.hpp  
libs/random/include/boost/random/cauchy\_distribution.hpp  
libs/random/include/boost/random/uniform\_01.hpp  
libs/random/include/boost/random/subtract\_with\_carry.hpp  
libs/random/include/boost/random/lagged\_fibonacci.hpp  
libs/random/include/boost/random/shuffle\_output.hpp  
libs/random/include/boost/random/uniform\_real.hpp  
libs/random/include/boost/random/inversive\_congruential.hpp  
libs/random/include/boost/random/uniform\_smallint.hpp  
libs/random/include/boost/nondet\_random.hpp  
libs/random/example/random\_demo.cpp  
libs/random/extra/test\_haertel.cpp  
libs/random/extra/haertel.hpp  
libs/random/test/statistic\_tests.hpp  
libs/random/test/histogram.cpp  
libs/random/test/integrate.hpp  
libs/random/test/statistic\_tests.cpp  
libs/random/performance/nondet\_random\_speed.cpp  
libs/random/performance/random\_speed.cpp  
libs/integer/include/boost/integer\_traits.hpp  
libs/integer/test/integer\_traits\_test.cpp  
libs/iterator/include/boost/generator\_iterator.hpp

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Files:

libs/config/include/boost/config/detail/select\_stdlib\_config.hpp  
libs/config/include/boost/config/detail/select\_platform\_config.hpp  
libs/config/include/boost/config/platform/linux.hpp  
libs/config/include/boost/config/platform/irix.hpp

libs/config/include/boost/config/platform/solaris.hpp  
libs/config/include/boost/config/stdlib/libstdcpp3.hpp  
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Files:  
libs/multiprecision/include/boost/multiprecision/random.hpp  
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Files:  
libs/config/include/boost/config/platform/symbian.hpp  
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Files:  
libs/random/include/boost/random/uniform\_on\_sphere.hpp  
libs/random/include/boost/random/detail/int\_float\_pair.hpp  
libs/random/include/boost/random/detail/generator\_seed\_seq.hpp  
libs/random/include/boost/random/detail/uniform\_int\_float.hpp  
libs/random/include/boost/random/shuffle\_order.hpp  
libs/random/include/boost/random/discard\_block.hpp  
libs/random/include/boost/random/variante\_generator.hpp  
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libs/random/include/boost/random/random\_device.hpp  
libs/random/include/boost/random/geometric\_distribution.hpp  
libs/random/include/boost/random/normal\_distribution.hpp  
libs/random/include/boost/random/triangle\_distribution.hpp  
libs/random/include/boost/random/poisson\_distribution.hpp  
libs/random/include/boost/random/lognormal\_distribution.hpp  
libs/random/include/boost/random/taus88.hpp  
libs/random/include/boost/random/uniform\_int\_distribution.hpp  
libs/random/include/boost/random/gamma\_distribution.hpp  
libs/random/include/boost/random/linear\_feedback\_shift.hpp  
libs/random/include/boost/random/mersenne\_twister.hpp  
libs/random/include/boost/random/bernoulli\_distribution.hpp  
libs/random/test/test\_uniform\_int.ipp  
libs/random/test/test\_random\_number\_generator.cpp  
libs/random/test/Jamfile.v2  
libs/random/src/random\_device.cpp

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Files:  
libs/graph/include/boost/pending/fenced\_priority\_queue.hpp

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Files:  
libs/detail/include/boost/detail/named\_template\_params.hpp  
libs/utility/test/iterators\_test.cpp  
libs/graph/include/boost/graph/detail/permutation.hpp  
libs/graph/include/boost/graph/detail/set\_adaptor.hpp  
libs/graph/include/boost/graph/detail/shadow\_iterator.hpp  
libs/graph/include/boost/graph/tree\_traits.hpp  
libs/graph/include/boost/graph/adj\_list\_serialize.hpp  
libs/graph/include/boost/pending/property\_serialize.hpp  
libs/graph/include/boost/pending/detail/property.hpp  
libs/graph/include/boost/pending/detail/disjoint\_sets.hpp  
libs/graph/include/boost/pending/fibonacci\_heap.hpp  
libs/graph/include/boost/pending/property.hpp  
libs/graph/include/boost/pending/stringtok.hpp  
libs/graph/include/boost/pending/queue.hpp  
libs/graph/example/transitive\_closure.cpp  
libs/graph/example/iohb.h  
libs/graph/example/graph\_property.cpp  
libs/graph/example/isomorphism.cpp  
libs/graph/example/subgraph\_properties.cpp  
libs/graph/test/subgraph.cpp  
libs/graph/test/transitive\_closure\_test2.cpp  
libs/graph/test/bidir\_remove\_edge.cpp  
libs/graph/test/disjoint\_set\_test.cpp  
libs/graph/test/bellman-test.cpp  
libs/dynamic\_bitset/example/example2.cpp  
libs/dynamic\_bitset/example/example1.cpp  
libs/concept\_check/include/boost/concept\_archetype.hpp  
libs/concept\_check/bad\_error\_eg.cpp  
libs/concept\_check/test/class\_concept\_check\_test.cpp  
libs/concept\_check/test/old\_concept\_function\_fail.cpp  
libs/concept\_check/test/stl\_concept\_covering.cpp  
libs/concept\_check/test/concept\_check\_test.cpp  
libs/concept\_check/test/stl\_concept\_check.cpp  
libs/concept\_check/test/function\_requires\_fail.cpp  
libs/tokenizer/example/char\_sep\_example\_2.cpp  
libs/tokenizer/example/char\_sep\_example\_1.cpp

libs/tokenizer/example/char\_sep\_example\_3.cpp  
libs/property\_map/include/boost/property\_map/property\_map\_iterator.hpp  
libs/property\_map/example/example1.cpp  
libs/property\_map/test/property\_map\_cc.cpp  
libs/iterator/include/boost/iterator/function\_output\_iterator.hpp  
libs/iterator/include/boost/iterator/iterator\_concepts.hpp  
libs/iterator/include/boost/iterator/iterator\_archetypes.hpp  
libs/iterator/include/boost/iterator/iterator\_categories.hpp  
libs/iterator/include/boost/pending/detail/int\_iterator.hpp  
libs/iterator/example/filter\_iterator\_example.cpp  
libs/iterator/example/reverse\_iterator\_example.cpp  
libs/iterator/example/indirect\_iterator\_example.cpp  
libs/iterator/example/transform\_iterator\_example.cpp  
libs/iterator/example/counting\_iterator\_example.cpp  
libs/iterator/example/permutation\_iter\_example.cpp  
libs/iterator/example/reverse\_iterator.cpp  
libs/iterator/example/func\_output\_iter\_example.cpp  
libs/iterator/test/transform\_iterator\_test.cpp  
libs/iterator/test/indirect\_iter\_member\_types.cpp  
libs/iterator/test/concept\_tests.cpp  
libs/iterator/test/lvalue\_concept\_fail.cpp  
libs/iterator/test/indirect\_iterator\_test.cpp  
libs/iterator/test/iterator\_adaptor\_cc.cpp

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libs/graph/example/iohb.c

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libs/graph/include/boost/graph/bandwidth.hpp

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libs/property\_map/example/example2.cpp

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libs/concept\_check/include/boost/concept\_check.hpp

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libs/iterator/test/reverse\_iterator\_test.cpp

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libs/property\_map/include/boost/property\_map/property\_map.hpp

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libs/graph/include/boost/graph/dll\_import\_export.hpp

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libs/graph/include/boost/graph/transitive\_closure.hpp

libs/graph/test/transitive\_closure\_test.cpp

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Files:

libs/math/example/polynomial\_arithmetic.cpp

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libs/math/include/boost/math/tools/polynomial.hpp

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libs/math/doc/internals/polynomial.qbk

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libs/spirit/example/qi/unescaped\_string.cpp

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libs/algorithm/test/clamp\_test.cpp

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Files:  
libs/context/src/asm/make\_mips64\_n64\_elf\_gas.S  
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Files:  
libs/serialization/include/boost/serialization/boost\_unordered\_map.hpp  
libs/serialization/include/boost/serialization/unordered\_collections\_load\_imp.hpp  
libs/serialization/include/boost/serialization/unordered\_set.hpp  
libs/serialization/include/boost/serialization/archive\_input\_unordered\_map.hpp  
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libs/serialization/test/test\_map\_boost\_unordered.cpp  
libs/serialization/test/test\_set\_unordered.cpp  
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libs/python/example/numpy/gaussian.cpp

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libs/python/include/boost/python/numpy/ndarray.hpp  
libs/python/include/boost/python/numpy/numpy\_object\_mgr\_traits.hpp  
libs/python/include/boost/python/numpy/ufunc.hpp  
libs/python/include/boost/python/numpy/scalars.hpp  
libs/python/include/boost/python/numpy/invoke\_matching.hpp  
libs/python/include/boost/python/numpy/internal.hpp  
libs/python/include/boost/python/numpy/matrix.hpp  
libs/python/include/boost/python/numpy/dtype.hpp  
libs/python/include/boost/python/numpy.hpp  
libs/python/src/numpy/ndarray.cpp  
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libs/icl/include/boost/icl/detail/exclusive\_less\_than.hpp  
libs/icl/include/boost/icl/detail/map\_algo.hpp  
libs/icl/include/boost/icl/detail/interval\_morphism.hpp  
libs/icl/include/boost/icl/detail/mapped\_reference.hpp  
libs/icl/include/boost/icl/detail/boost\_config.hpp  
libs/icl/include/boost/icl/detail/concept\_check.hpp  
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libs/icl/include/boost/icl/detail/interval\_map\_algo.hpp  
libs/icl/include/boost/icl/detail/interval\_set\_algo.hpp  
libs/icl/include/boost/icl/detail/element\_iterator.hpp  
libs/icl/include/boost/icl/detail/subset\_comparer.hpp  
libs/icl/include/boost/icl/detail/std\_set.hpp  
libs/icl/include/boost/icl/detail/element\_comparer.hpp  
libs/icl/include/boost/icl/interval\_bounds.hpp  
libs/icl/include/boost/icl/ptime.hpp

libs/icl/include/boost/icl/separate\_interval\_set.hpp  
libs/icl/include/boost/icl/closed\_interval.hpp  
libs/icl/include/boost/icl/associative\_element\_container.hpp  
libs/icl/include/boost/icl/type\_traits/has\_set\_semantics.hpp  
libs/icl/include/boost/icl/type\_traits/difference.hpp  
libs/icl/include/boost/icl/type\_traits/is\_concept\_equivalent.hpp  
libs/icl/include/boost/icl/type\_traits/predicate.hpp  
libs/icl/include/boost/icl/type\_traits/is\_combinable.hpp  
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libs/icl/include/boost/icl/type\_traits/is\_asymmetric\_interval.hpp  
libs/icl/include/boost/icl/type\_traits/type\_to\_string.hpp  
libs/icl/include/boost/icl/type\_traits/is\_element\_container.hpp  
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libs/icl/test/test\_quantifier\_icl\_map.hpp  
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libs/icl/test/test\_icl\_discrete\_interval.hpp  
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libs/icl/test/test\_interval\_quantifier\_shared.hpp  
libs/icl/test/test\_interval\_set\_laws\_shared.hpp  
libs/icl/test/fastest\_total\_interval\_quantifier\_/fastest\_total\_interval\_quantifier.cpp  
libs/icl/test/test\_interval\_set\_infix\_cases.hpp  
libs/icl/test/fix\_icl\_after\_thread\_/fix\_icl\_after\_thread.cpp  
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libs/icl/test/test\_separate\_interval\_set\_/test\_separate\_interval\_set.cpp  
libs/icl/test/test\_interval\_set\_infix\_/test\_interval\_set\_infix.cpp  
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libs/icl/test/test\_interval\_map\_infix\_/test\_interval\_map\_infix.cpp  
libs/icl/test/test\_icl\_interval.hpp  
libs/icl/test/test\_partial\_icl\_quantifier\_/test\_partial\_icl\_quantifier.cpp  
libs/icl/test/test\_icl\_dynamic\_interval.hpp  
libs/icl/test/test\_type\_lists.hpp  
libs/icl/test/fastest\_interval\_set\_cases.hpp  
libs/icl/test/test\_icl\_static\_interval.hpp  
libs/icl/test/fastest\_interval\_map\_mixed\_/fastest\_interval\_map\_mixed.cpp  
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libs/icl/test/test\_set\_interval\_set\_shared.hpp  
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libs/icl/test/fastest\_partial\_icl\_quantifier\_/fastest\_partial\_icl\_quantifier.cpp

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Files:  
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libs/detail/include/boost/detail/allocator\_utilities.hpp  
libs/multi\_index/include/boost/multi\_index/composite\_key.hpp  
libs/multi\_index/include/boost/multi\_index/detail/access\_specifier.hpp  
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libs/fusion/test/sequence/as\_list.cpp  
libs/fusion/test/sequence/std\_pair.cpp  
libs/fusion/test/sequence/adapt\_struct\_named.cpp  
libs/fusion/test/sequence/std\_tuple\_iterator.cpp  
libs/fusion/test/sequence/move.hpp  
libs/fusion/test/sequence/joint\_view.cpp  
libs/fusion/test/sequence/as\_map.cpp  
libs/fusion/test/sequence/as\_map\_assoc.cpp  
libs/fusion/test/sequence/transform\_view.cpp  
libs/fusion/test/sequence/adapt\_struct.cpp  
libs/fusion/test/sequence/as\_vector.cpp  
libs/fusion/test/sequence/vector\_iterator.cpp  
libs/fusion/test/sequence/list\_iterator.cpp  
libs/fusion/test/sequence/adapt\_adt.cpp  
libs/fusion/test/sequence/iterator\_range.cpp  
libs/fusion/test/sequence/iterator.hpp  
libs/fusion/test/sequence/reverse\_view.cpp  
libs/fusion/test/sequence/test\_deduce\_sequence.cpp  
libs/fusion/test/sequence/set.cpp  
libs/fusion/test/sequence/adapt\_adt\_named.cpp  
libs/fusion/test/sequence/boost\_tuple.cpp  
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libs/fusion/test/sequence/as\_set.cpp  
libs/fusion/test/sequence/vector\_n.cpp  
doc/test/stub.cpp  
tools/auto\_index/doc/html/boostbook.css  
tools/boostbook/xsl/callout.xsl  
tools/quickbook/test/stub.cpp  
tools/quickbook/test/stub.c  
tools/quickbook/src/code\_snippet.cpp  
tools/quickbook/src/template\_stack.hpp  
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tools/quickbook/src/collector.cpp  
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libs/phoenix/include/boost/phoenix/bind/detail/cpp03/bind\_member\_function.hpp  
libs/phoenix/include/boost/phoenix/bind/bind\_member\_variable.hpp  
libs/phoenix/test/stdlib/cmath.cpp  
libs/phoenix/test/operator/arithmetic\_tests.cpp  
libs/phoenix/test/function/lazy\_make\_pair\_tests.cpp  
libs/phoenix/test/function/lazy\_argument\_tests.cpp

libs/phoenix/test/function/lazy\_templated\_struct\_tests.cpp  
libs/phoenix/test/scope/more\_let\_tests2b.cpp  
libs/phoenix/test/scope/more\_let\_tests.cpp  
libs/phoenix/test/scope/more\_let\_tests1.cpp  
libs/phoenix/test/scope/let\_tests\_113.cpp  
libs/phoenix/test/scope/let\_tests\_rest.cpp  
libs/phoenix/test/scope/more\_let\_tests2a.cpp  
libs/phoenix/test/scope/let\_tests\_113a.cpp  
libs/phoenix/test/Jamfile  
libs/phoenix/test/bind/bind\_function\_object\_tests.cpp

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libs/phoenix/test/scope/lambda\_tests10.cpp  
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libs/phoenix/test/scope/lambda\_tests11.cpp  
libs/phoenix/test/scope/lambda\_tests4.cpp  
libs/phoenix/test/scope/lambda\_tests22.cpp  
libs/phoenix/test/scope/lambda\_tests9.cpp  
libs/phoenix/test/scope/lambda\_tests17.cpp  
libs/phoenix/test/scope/lambda\_tests19.cpp  
libs/phoenix/test/scope/lambda\_tests20.cpp  
libs/phoenix/test/scope/lambda\_tests13.cpp  
libs/phoenix/test/scope/lambda\_tests16.cpp  
libs/phoenix/test/scope/lambda\_tests18.cpp  
libs/phoenix/test/scope/lambda\_tests23.cpp  
libs/phoenix/test/scope/lambda\_tests14.cpp  
libs/phoenix/test/scope/lambda\_tests12.cpp  
libs/phoenix/test/scope/lambda\_tests21.cpp  
libs/phoenix/test/scope/lambda\_tests2.cpp  
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libs/phoenix/test/scope/lambda\_tests8.cpp  
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libs/phoenix/test/boost\_bind\_compatibility/bind\_rv\_sp\_test.cpp

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libs/phoenix/include/boost/phoenix/core/debug.hpp

libs/phoenix/include/boost/phoenix/function/adapt\_function.hpp

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libs/phoenix/test/regression/bug4853.cpp

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libs/spirit/classic/example/fundamental/functor\_parser.cpp

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libs/spirit/include/boost/spirit/home/classic/dynamic.hpp

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libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_40.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_50.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_20.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_10.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_30.hpp  
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libs/fusion/include/boost/fusion/view/filter\_view/detail/next\_impl.hpp  
libs/fusion/include/boost/fusion/view/filter\_view/filter\_view\_iterator.hpp  
libs/fusion/include/boost/fusion/view/transform\_view/detail/deref\_impl.hpp  
libs/fusion/include/boost/fusion/view/transform\_view/detail/value\_of\_impl.hpp  
libs/fusion/include/boost/fusion/container/vector/detail/cpp03/vector.hpp  
libs/fusion/include/boost/fusion/container/map/detail/value\_at\_key\_impl.hpp  
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libs/fusion/test/sequence/deque\_move.cpp

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libs/phoenix/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_20.hpp  
libs/phoenix/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_10.hpp  
libs/phoenix/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_40.hpp  
libs/phoenix/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_30.hpp  
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libs/python/doc/numpy/\_static/boost.css

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libs/spirit/repository/test/qi/keywords.cpp  
libs/spirit/workbench/qi/keywords.cpp

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libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/call\_40.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/preprocessed/actor\_operator\_20.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/call.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/actor\_operator.hpp  
libs/phoenix/include/boost/phoenix/core/detail/cpp03/actor\_result\_of.hpp  
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libs/config/checks/std/cpp\_namespace\_attributes\_17.cpp

libs/config/checks/std/cpp\_aggregate\_nsdmi\_14.cpp

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Files:

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libs/gil/test/core/point/multiply\_by\_non\_arithmetic\_fail.cpp  
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libs/gil/test/legacy/CMakeLists.txt  
libs/gil/.ci/azure-pipelines/steps-install-gcc.yml

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libs/fusion/include/boost/fusion/adapted/std\_array/detail/array\_size.hpp  
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tools/quickbook/extra/katepart/katepart.qbk  
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libs/math/example/autodiff\_fourth\_power.cpp  
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libs/units/include/boost/units/detail/ordinal.hpp  
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libs/typeof/CMakeLists.txt  
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libs/vmd/test/test\_cmake/CMakeLists.txt  
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libs/gil/include/boost/gil/image\_processing/filter.hpp  
libs/gil/example/adaptive\_threshold.cpp  
libs/gil/example/threshold.cpp  
libs/gil/test/extension/numeric/convolve\_2d.cpp  
libs/gil/test/core/image\_processing/threshold\_otsu.cpp  
libs/gil/test/core/image\_processing/CMakeLists.txt  
libs/gil/test/core/image\_processing/threshold\_binary.cpp  
libs/gil/test/core/image\_processing/threshold\_truncate.cpp  
libs/gil/test/core/image\_processing/median\_filter.cpp  
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libs/compute/test/test\_threefry\_engine.cpp  
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libs/serialization/include/boost/serialization/throw\_exception.hpp  
libs/python/test/calling\_conventions\_mf.cpp  
libs/python/test/calling\_conventions.cpp  
libs/smart\_ptr/include/boost/detail/lightweight\_thread.hpp  
libs/smart\_ptr/include/boost/detail/lightweight\_mutex.hpp  
libs/smart\_ptr/include/boost/detail/atomic\_count.hpp  
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libs/smart\_ptr/include/boost/smart\_ptr/detail/sp\_counted\_base\_spin.hpp  
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libs/smart\_ptr/include/boost/smart\_ptr/detail/lwm\_pthreads.hpp  
libs/smart\_ptr/include/boost/smart\_ptr/detail/sp\_counted\_base\_cw\_ppc.hpp  
libs/smart\_ptr/include/boost/smart\_ptr/detail/sp\_counted\_base\_gcc\_x86.hpp  
libs/smart\_ptr/include/boost/smart\_ptr/detail/atomic\_count.hpp  
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libs/smart\_ptr/include/boost/smart\_ptr/detail/sp\_counted\_base\_w32.hpp  
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libs/bind/include/boost/bind/bind\_template.hpp  
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libs/bind/doc/bind/acknowledgements.qbk  
libs/bind/doc/bind/examples.qbk  
libs/bind/doc/bind/interface.qbk  
libs/bind/doc/bind/implementation.qbk  
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libs/bind/doc/bind/limitations.qbk  
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libs/bind/test/mem\_fn\_rv\_test.cpp  
libs/bind/test/bind\_stdcall\_mf\_test.cpp  
libs/bind/test/mem\_fn\_fastcall\_test.cpp  
libs/bind/test/bind\_stdcall\_test.cpp  
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libs/fiber/include/boost/fiber/properties.hpp

libs/fiber/examples/priority.cpp

libs/fiber/examples/wait\_stuff.cpp

libs/fiber/examples/adapt\_callbacks.cpp

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libs/fiber/examples/adapt\_nonblocking.cpp

libs/coroutine/example/asymmetric/layout.cpp

libs/coroutine/example/asymmetric/same\_fringe.cpp

libs/coroutine/example/asymmetric/chaining.cpp

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libs/fiber/doc/callbacks.qbk

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libs/fiber/src/algo/algorithm.cpp

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libs/range/include/boost/range/detail/any\_iterator\_wrapper.hpp

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Files:

libs/preprocessor/test/quick.cpp

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libs/rational/test/rational\_example.cpp

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libs/format/test/format\_test\_wstring.cpp  
libs/format/Jamfile  
libs/format/benchmark/bench\_format.cpp  
libs/format/benchmark/Jamfile  
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libs/python/include/boost/python/numpy/config.hpp  
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libs/program\_options/test/exception\_test.cpp  
libs/program\_options/test/unrecognized\_test.cpp  
libs/program\_options/test/split\_test.cpp  
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libs/hana/test/issues/github\_252.cpp

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libs/context/src/asm/jump\_ppc32\_ppc64\_sysv\_macho\_gas.S  
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libs/python/include/boost/python/detail/type\_traits.hpp

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libs/graph/include/boost/graph/core\_numbers.hpp

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libs/python/example/Jamroot  
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libs/mpi/test/non\_blocking\_any\_source.cpp

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libs/mpi/include/boost/mpi/intercommunicator.hpp  
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libs/spirit/include/boost/spirit/repository/home/support/kwd.hpp  
libs/spirit/include/boost/spirit/repository/home/qi/operator/detail/keywords.hpp  
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libs/spirit/workbench/qi/keywords.hpp

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libs/lockfree/test/stack\_test.cpp  
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libs/lockfree/test/test\_helpers.hpp  
libs/lockfree/test/queue\_interprocess\_test.cpp  
libs/lockfree/test/spsc\_queue\_stress\_test.cpp  
libs/lockfree/test/tagged\_ptr\_test.cpp  
libs/lockfree/test/stack\_unbounded\_stress\_test.cpp  
libs/lockfree/test/stack\_fixedsize\_stress\_test.cpp  
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libs/lockfree/test/Jamfile.v2  
libs/lockfree/test/freelist\_test.cpp  
libs/lockfree/test/test\_common.hpp  
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libs/typeof/tools/preprocess.pl  
libs/spirit/include/boost/spirit/home/classic/utility/typeof.hpp  
libs/spirit/include/boost/spirit/home/classic/utility/escape\_char\_fwd.hpp  
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libs/winapi/include/boost/winapi/get\_current\_process\_id.hpp  
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libs/thread/include/boost/thread/detail/config.hpp  
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Ext headers GL/gltext.h Khronos  
GL/gltext.h Khronos  
GL/wgltext.h Khronos  
KHR/khrplatform.h Khronos

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include/GL/gl.h :

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include/GL/gltext.h  
include/GL/wgltext.h :

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has been in development since 2007.

It is currently developed by a community of developers.

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<http://www.w3.org/TR/2004/REC-DOM-Level-3-LS-20040407/>  
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The specification of DOM Level 2's various parts is at:  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/>  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/>  
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

The specification of DOM Level 1's various parts is at:  
<http://www.w3.org/TR/1998/REC-DOM-Level-1-19981001/level-one-html.html>

Links to all available W3C DOM Java Bindings can be found at:  
<http://www.w3.org/DOM/DOMTR>

The actual classes of The Simple API for CSS (SAC) came from:  
<http://www.w3.org/Style/CSS/SAC/>  
<http://www.w3.org/2002/06/sacjava-1.3.zip>

The actual DOM Java Language Binding classes for SMIL came from:  
<http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/>  
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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```
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Ext headers GL/glxt.h Khronos  
GL/glxt.h Khronos  
GL/wglxt.h Khronos  
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\*\*\*\*\*

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Mesa 3-D graphics library

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include/GL/glxt.h  
include/GL/wglxt.h :

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```

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/******
```

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 *
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```

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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2000-05-05

## ASM Bytecode Manipulation Framework v6.0

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## xwd v1.0.7

### xwd utility

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Last revised by Reagle \$Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) \$

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# 1.85 jackson-core 2.12.3

## 1.85.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.  
It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has  
been in development since 2007.  
It is currently developed by a community of developers.

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\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/datepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/bufferedoutputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/syslogappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/consoleappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/location/locationinfo.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/layout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/socketappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/socketoutputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/outputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/datagrampacket.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/linelocationpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/telnetappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/rollingfileappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/triggereventevaluator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/mutex.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/messagepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/rollingpolicybase.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/locationinfofilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/pool.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/bytebuffer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/rolloverdescription.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/parser.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/fileappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/filter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/defaultloggerfactory.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/aprinitializer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/loader.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/hierarchyeventlistener.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/systemerrwriter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/checkeddateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/sockethubappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/timezone.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/ttclayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/propertyresourcebundle.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/threadlocal.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/absolutetimedateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/level.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/ndc.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/nameabbreviator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/outputstreamwriter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/logstring.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/loggingevent.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/strictmath.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/class.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/triggeringpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/dailyrollingfileappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/stringtokenizer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/mdc.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/timebasedrollingpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/rollingpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/fileinputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/onlyonceerrorhandler.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/loggingeventpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/ndcpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/filewatchdog.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/literalpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/messagebuffer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/transform.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/config/propertysetter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/dateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/socket.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/exception.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/appenderattachable.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/patternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/resourcebundle.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/datagramsocket.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/htmlayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/strftimedateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/appenderattachableimpl.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/relativetimepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/fixedwindowrollingpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/simplelayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/objectptr.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/optionconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/objectimpl.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/bufferedwriter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/xmlsocketappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/simpledateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/fileoutputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/loggerfactory.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/bytearrayinputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/relativetimedateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/logger.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/filelocationpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/propertyfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/datelayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/logmanager.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/fulllocationpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/filterbasedtriggeringpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/object.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/expressionfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/manualtriggeringpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/appenderskeleton.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/objectoutputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/hierarchy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/thread.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/serversocket.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/xml/xmllayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/asynccappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/tchar.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/condition.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/iso8601dateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/charsetdecoder.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/loggerpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/gzcompressaction.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/namepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/systemoutwriter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/file.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/action.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/properties.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/charsetencoder.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/threadpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/propertyconfigurator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/levelpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/date.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rollingfileappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/loglog.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/writer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/optionhandler.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/locale.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/writerappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/threadspecificdata.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/throwableinformationpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/stringmatchfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/inputstreamreader.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/filedatepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/rootlogger.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/classnamepatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/classregistration.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/defaultrepositoryselector.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/socketappenderskeleton.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/xml/domconfigurator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/levelrangefilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/denyallfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/system.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/datetimedateformat.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/zipcompressaction.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/patternlayout.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/cyclicbuffer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/levelmatchfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/reader.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/defaultconfigurator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/nt/nteventlogappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/mapfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/synchronized.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/loggerrepository.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/configurator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/bytarrayoutputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/repositoryselector.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/net/smtpappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/stringhelper.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/syslogwriter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/propertiespatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/xml.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/inputstream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/varia/fallbackerrorhandler.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/spi/errorhandler.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/basicconfigurator.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/sizebasedtriggeringpolicy.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/portability.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/rollingfileappenderskeleton.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/stream.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/formattinginfo.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/methodlocationpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/filter/andfilter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/inetaddress.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/appender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/db/odbcappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/nt/outputdebugstringappender.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/lineseparatorpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/rolling/filenameaction.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/integer.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/pattern/integerpatternconverter.h

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/include/log4cxx/helpers/transcoder.h

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\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_wide\_message\_buffer-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/layout\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/mdc\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/formattinginfo\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_a\_p\_r\_initializer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/integerpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_file\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/system\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x69.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread\_specific\_data-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1xml\_1\_1\_x\_m\_l\_layout.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_charset\_encoder-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_reader.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/bufferedoutputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_s\_m\_t\_p\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_time\_based\_rolling\_policy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_eval.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/appender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/resourcebundle\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_h\_t\_m\_l\_layout-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/appenderskeleton\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_counting\_output\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_hierarchy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/objectimpl\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/file\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/locale\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_unknown\_host\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1config\_1\_1\_property\_setter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logging\_event.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/writerappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/class\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rollingfileappenderskeleton\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/transcoder\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_appender\_skeleton-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transform.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_manual\_triggering\_policy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/gzcompressaction\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_loader-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_deny\_all\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_location\_info-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/lineseparatorpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_map\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x73.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_no\_such\_element\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_connect\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/propertyresourcebundle\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/fixedwindowrollingpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_impl.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/loglog\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rootlogger\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/syslogappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/socket\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1logstream\_\_base.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_thread\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_file.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_fixed\_window\_rolling\_policy.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_hierarchy\_event\_listener-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_output\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/threadpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/datepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_file\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_output\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/strictmath\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_appender\_attachable.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x68.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_option\_handler-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_default\_configurator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1logstream\_\_base-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_input\_stream\_reader-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_thread\_specific\_data.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_system.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x67.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rolling\_2rollingfileappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_charset\_encoder.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x66.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_illegal\_monitor\_state\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_rule.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_message\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/main.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/loader\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_file\_input\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_instantiation\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/datalayout\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_server\_socket-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_interrupted\_i\_o\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/globals\_defs.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_level\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_policy\_base.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_transcoder\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_instantiation\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1helpers\_1\_1\_simple\_date\_format\_impl.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/propertyconfigurator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_not\_found\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_i\_s\_o8601\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_properties\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_watchdog-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/filedatepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_pool\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_input\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/globals.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/appenderattachableimpl\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_strftime\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x77.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x68.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_output\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x62.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_uni\_char\_message\_buffer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/socketappenderskeleton\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_time\_zone-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_location\_info\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/mapfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_syslog\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_default\_configurator.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1xml\_1\_1\_x\_m\_l\_layout-members.html

- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/systemoutwriter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_i\_o\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_repository\_selector.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1ulogstream-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_c\_layout-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_deny\_all\_filter-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/modules.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/loggerfactory\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_properties-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_level\_1\_1\_level\_class-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_error\_handler.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_charset\_decoder.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_state\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/outputstreamwriter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1db\_1\_1\_s\_q\_l\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logger\_pattern\_converter.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_absolute\_time\_date\_format.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_appender\_skeleton.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_a\_p\_r\_initializer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_full\_location\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_daily\_rolling\_file\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_loader.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/lineolocationpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_mutex.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_wide\_message\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_logger\_repository.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_error\_handler-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_ostream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_db.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/reader\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_thread\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/synchronized\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_output\_stream\_writer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_output\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/patternparser\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_filter\_1\_1\_string\_match\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/hierarchyeventlistener\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/andfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_zip\_compress\_action-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/filelocationpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_db\_1\_1\_o\_d\_b\_c\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/basicconfigurator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/action\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender\_skeleton-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_message\_buffer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x66.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_property\_resource\_bundle.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/nameabbreviator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_i\_s\_o8601\_date\_format.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_property\_configurator.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x63.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_log\_log.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/defaultconfigurator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_method\_location\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_n\_d\_c-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/fileinputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_g\_z\_compress\_action.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/defaultrepositoryselector\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/defaultloggerfactory\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x7e.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-

log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_basic\_configurator.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_date\_layout.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_hierarchy.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/errorhandler\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/group\_\_\_logging\_macros.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classes.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node\_list-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_name\_pattern\_converter.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_message\_pattern\_converter-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/optionconverter\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/simpledateformat\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_socket\_hub\_appender.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_triggering\_event\_evaluator.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x6f.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_thread\_local-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/xml\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_simple\_layout.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_level\_1\_1\_level\_class.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_appender\_attachable-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/levelrangefilter\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_type.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_triggering\_event\_evaluator-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x6c.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_name\_abbreviator.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-

log4cxx/0.10.0/share/log4cxx/html/threadspecificdata\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_output\_stream-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_file\_appender.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_throwable\_information\_pattern\_converter-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_exception-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_name\_pattern\_converter-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x78.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/iso8601dateformat\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classregistration\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x67.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_appender\_attachable\_impl.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_impl-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_logger-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_level\_range\_filter-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/filterbasedtriggeringpolicy\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_state\_exception.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x63.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/datagramsocket\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/globals\_type.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_format-members.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rollingfileappender\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/appenderattachable\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/loggingeventpatternconverter\_8h.html  
\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/literalpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_inet\_address-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logging\_event-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_property\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_level-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_watchdog.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x6e.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/repositoryselector\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x6d.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_manual\_triggering\_policy.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_closed\_channel\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_map\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_charset\_decoder-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transform-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x70.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_relative\_time\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1db\_1\_1\_o\_d\_b\_c\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_option\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_formatting\_info-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_simple\_layout-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_level\_match\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_telnet\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_date\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x6a.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_root\_logger.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/logmanager\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_integer\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_cyclic\_buffer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_m\_d\_c.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/locationinfo\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/serversocket\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/date\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/socketoutputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/triggeringpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1spi.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/levelmatchfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_null\_pointer\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream\_reader.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_n\_d\_c.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/bufferedwriter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_x\_m\_l\_socket\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/provisionnode\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/ndcpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x6e.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/zipcompressaction\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x64.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_document.html

- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_ptr\_base.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_strftime\_date\_format.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node\_list.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_appender\_skeleton.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_missing\_resource\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/consoleappender\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_absolute\_time\_date\_format-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_n\_t\_event\_log\_appender.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/bytearrayinputstream\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_size\_based\_triggering\_policy.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_connect\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/dailyrollingfileappender\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/condition\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_filter\_based\_triggering\_policy-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/integer\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_location\_pattern\_converter.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_output\_stream.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/writer\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/dateformat\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_cached\_date\_format.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/systemerrwriter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_condition-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/stream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_g\_z\_compress\_action-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_action.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_bind\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_class\_name\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/outputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_console\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/timebasedrollingpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_n\_d\_c\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/throwableinformationpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/objectoutputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_async\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/sizebasedtriggeringpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_output\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/locationinfofilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_file\_location\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_level\_match\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_runtime\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_writer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x74.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_fixed\_window\_rolling\_policy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespaces.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/propertysetter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logging\_event\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_reader-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/htmlayout\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_message\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/odbcappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_layout.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_strict\_math-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy\_base-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_null\_pointer\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/fileappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/fallbackerrorhandler\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x7a.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/relativetimepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/inputstreamreader\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_property\_configurator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_string\_helper-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_zip\_compress\_action.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_size\_based\_triggering\_policy-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_property\_resource\_bundle-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_system-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/domconfigurator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_nt.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_syslog\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_socket\_timeout\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/loggerrepository\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_layout.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_illegal\_argument\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_1\_1\_clazz\_object-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/propertiespatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/rollingpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/tchar\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_varia\_1\_1\_fallback\_error\_handler.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_literal\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/telnetappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_file\_date\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_relative\_time\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_nt\_1\_1\_n\_t\_event\_log\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_output\_stream\_with\_length.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_string\_tokenizer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_datagram\_socket-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_literal\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_xml\_1\_1\_d\_o\_m\_configurator.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_logger\_repository-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_input\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x78.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1pattern.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_relative\_time\_date\_format.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_date\_time\_date\_format.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_level\_range\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/levelpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_string\_match\_filter.html

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\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/globals\_func.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/denyallfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_ptr\_t-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_uni\_char\_message\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_root\_logger-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/datagrampacket\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_output\_debug\_string\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_i\_o\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_ptr\_t.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_byte\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_logger.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_system\_out\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_byte\_buffer-members.html

- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_ptr\_base-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_socket\_timeout\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_i\_o\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_illegal\_monitor\_state\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/propertyfilter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_syslog\_writer-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x7e.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_thread\_local.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_file\_location\_pattern\_converter.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_throwable\_information\_pattern\_converter.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_closed\_channel\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_thread.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_bind\_exception-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacemembers\_type.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/bytearrayoutputstream\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/filter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/triggeringeventevaluator\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_line\_separator\_pattern\_converter-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/filewatchdog\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/inetaddress\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/xmllayout\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_f\_stat\_output\_stream-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_document-members.html

- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/outputdebugstringappender\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_varia\_1\_1\_fallback\_error\_handler-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_m\_d\_c-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_configurator.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_date\_layout-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/exception\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacemembers.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/asynccappender\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_triggering\_policy-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_server\_socket.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_db\_1\_1\_s\_q\_l\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x65.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/patternconverter\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/absolutetimedateformat\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_properties.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_console\_appender.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_counting\_output\_stream.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_byte\_array\_output\_stream-members.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_no\_such\_element\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/portability\_8h.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x75.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_runtime\_exception.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_1\_1\_clazz\_object.html
- \* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_logger\_factory-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_synchronized.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_level.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/bytebuffer\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rolloverdescription\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_formatting\_info.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_pool\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/filenameaction\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_line\_location\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_datagram\_packet.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/cacheddateformat\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_thread\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_simple\_date\_format.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/stringtokenizer\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x77.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_resource\_bundle.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x6f.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_filter\_1\_1\_property\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_synchronized-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/messagepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_cyclic\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/level\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_name\_abbreviator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_default\_logger\_factory-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/hierarchy.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/aprinitializer\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_action-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/fileoutputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/methodlocationpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/timezone\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/relativetimedateformat\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_default\_repository\_selector-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x72.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_configurator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_log\_manager.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_hub\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x69.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_expression\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/syslogwriter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_daily\_rolling\_file\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_filter\_based\_triggering\_policy.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/ttclayout\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_appender\_attachable\_impl-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/thread\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_async\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_x\_m\_1\_socket\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1logstream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x6c.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/hierarchy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_syslog\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_and\_filter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_class\_name\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_repository\_selector-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_enum.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/manualtriggeringpolicy\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/loggingevent\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_error\_code-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_triggering\_policy.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/charsetencoder\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_s\_m\_t\_p\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/logstring\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x65.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/inputstream\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_layout-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1config\_1\_1\_property\_setter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/pool\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_cached\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacestd.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_full\_location\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/transform\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x75.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/datetimedateformat\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_input\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_integer\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_file\_rename\_action-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_properties\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_pool-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logger\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/threadlocal\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_char\_message\_buffer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classnamepatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/cyclicbuffer\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/configurator\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1appender\_skeleton-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_pattern\_parser-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_basic\_configurator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_file\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_method\_location\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_default\_repository\_selector.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_output\_stream\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_format.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/simplelayout\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_writer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1varia.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_telnet\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x64.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_output\_debug\_string\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/globals\_vars.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/log4cxx\_\_private\_8win\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_registration-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_out\_writer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_level\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x6a.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x73.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rollover\_description.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logging\_event\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x7a.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_not\_found\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacemembers\_func.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/stringmatchfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_input\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rollover\_description-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_and\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1logstream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_vars.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/stringhelper\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/optionhandler\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1wlogstream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/objectptr\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_file\_rename\_action.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/xmlsocketappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_c\_layout.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/rollingpolicybase\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_registration.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_inet\_address.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1helpers.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_func\_0x70.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_writer\_appender-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_log\_manager-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/socketappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_layout-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_string\_helper.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_time\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9-zip/apache-log4cxx/0.10.0/share/log4cxx/html/strftimedateformat\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_unknown\_host\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/log4cxx\_8win\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_log\_log-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/logger\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/ndc\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_option\_handler.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_pattern\_parser.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/files.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_socket\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_system\_err\_writer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/annotated.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_class-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/loggerpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_illegal\_argument\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_error\_code.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_file\_appender\_skeleton.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/charsetdecoder\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_file\_output\_stream-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_char\_message\_buffer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x62.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_integer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_hierarchy\_event\_listener.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_location\_info.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_d\_o\_m\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_string\_tokenizer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_datagram\_socket.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/fulllocationpatternconverter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/onlyonceerrorhandler\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_rolling.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_d\_o\_m\_exception.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x72.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_date\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/sockethubappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_output\_stream\_with\_length-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_resource\_bundle-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_option\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_wlogstream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_locale.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_integer-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/mutex\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1\_net.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_file\_date\_pattern\_converter-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_pool.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_xml\_1\_1\_d\_o\_m\_configurator-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_datagram\_packet-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_output\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_h\_t\_m\_l\_layout.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_file-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_simple\_date\_format-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_location\_info\_filter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/properties\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_default\_logger\_factory.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/mainpage\_8dox.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x76.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/namespacelog4cxx\_1\_1xml.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/expressionfilter\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/patternlayout\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_locale-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_relative\_time\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_separator\_pattern\_converter.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/nventlogappender\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_err\_writer.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1\_writer\_appender.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_output\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_rela.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_f\_stat\_output\_stream.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/messagebuffer\_8h.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_missing\_resource\_exception-members.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_time\_zone.html

\* /opt/cola/permits/1310721354\_1650883369.5/0/apache-log4cxx-9/zip/apache-log4cxx/0.10.0/share/log4cxx/html/functions\_0x6d.html

```
* /opt/cola/permits/1310721354_1650883369.5/0/apache-log4cxx-9-zip/apache-  
log4cxx/0.10.0/share/log4cxx/html/functions_func_0x74.html  
* /opt/cola/permits/1310721354_1650883369.5/0/apache-log4cxx-9-zip/apache-  
log4cxx/0.10.0/share/log4cxx/html/classlog4cxx_1_1helpers_1_1_output_stream.html  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1310721354_1650883369.5/0/apache-log4cxx-9-zip/apache-  
log4cxx/0.10.0/include/log4cxx/private/log4cxx_private.h  
* /opt/cola/permits/1310721354_1650883369.5/0/apache-log4cxx-9-zip/apache-  
log4cxx/0.10.0/include/log4cxx/log4cxx.win.h  
* /opt/cola/permits/1310721354_1650883369.5/0/apache-log4cxx-9-zip/apache-  
log4cxx/0.10.0/include/log4cxx/log4cxx.h
```

## 1.87 apache-httpcomponents-core 4.4.13

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## 1.88 apache-commons-math 2.1

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# 1.94 openrtb-model 1.4.0

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Found in path(s):

```
* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/type.proto  
* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/struct.proto  
* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/wrappers.proto  
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* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/field_mask.proto  
* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/any.proto  
* /opt/cola/permits/1166480007_1650882666.29/0/protobuf-java-3-11-4-jar/google/protobuf/empty.proto
```

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Manifest-Version: 1.0

Automatic-Module-Name: com.google.protobuf

Bnd-LastModified: 1581715154656

Build-Jdk: 1.8.0\_181-google-v7

Built-By: rafikamal

Bundle-Description: Core Protocol Buffers library. Protocol Buffers are a way of encoding structured data in an efficient yet extensible format.

Bundle-DocURL: <https://developers.google.com/protocol-buffers/>

Bundle-License: <https://opensource.org/licenses/BSD-3-Clause>

Bundle-ManifestVersion: 2

Bundle-Name: Protocol Buffers [Core]

Bundle-SymbolicName: com.google.protobuf

Bundle-Version: 3.11.4

Created-By: Apache Maven Bundle Plugin

Export-Package: com.google.protobuf;version="3.11.4"  
Import-Package: sun.misc;resolution:=optional,com.google.protobuf;version="[3.11,4)"  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-3.0.0.201509101326

Found in path(s):

\* /opt/cola/permits/1166480007\_1650882666.29/0/protobuf-java-3-11-4-jar/META-INF/MANIFEST.MF

# 1.95 netty-tomcatnative-boringssl-static

## 2.0.51.Final

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jar/io/grpc/stub/ClientCallStreamObserver.java
*/opt/cola/permits/1310721568_1650884073.85/0/grpc-stub-1-40-1-sources-
jar/io/grpc/stub/ClientResponseObserver.java
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jar/io/grpc/stub/InternalClientCalls.java
*/opt/cola/permits/1310721568_1650884073.85/0/grpc-stub-1-40-1-sources-
jar/io/grpc/stub/AbstractAsyncStub.java
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\* /opt/cola/permits/1310721568\_1650884073.85/0/grpc-stub-1-40-1-sources-jar/io/grpc/stub/ServerCalls.java  
\* /opt/cola/permits/1310721568\_1650884073.85/0/grpc-stub-1-40-1-sources-jar/io/grpc/stub/MetadataUtils.java  
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\* /opt/cola/permits/1310721568\_1650884073.85/0/grpc-stub-1-40-1-sources-jar/io/grpc/stub/StreamObserver.java

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* /opt/cola/permits/1166480000_1621428975.75/0/zt-zip-1-14-sources-3-
jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java
* /opt/cola/permits/1166480000_1621428975.75/0/zt-zip-1-14-sources-3-
jar/org/zeroturnaround/zip/commons/StringBuilderWriter.java
* /opt/cola/permits/1166480000_1621428975.75/0/zt-zip-1-14-sources-3-
jar/org/zeroturnaround/zip/commons/IOUtils.java
* /opt/cola/permits/1166480000_1621428975.75/0/zt-zip-1-14-sources-3-
jar/org/zeroturnaround/zip/commons/FileExistsException.java
* /opt/cola/permits/1166480000_1621428975.75/0/zt-zip-1-14-sources-3-
jar/org/zeroturnaround/zip/commons/FilenameUtils.java
```

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```

Found in path(s):

- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/ZipExtraField.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/AsiExtraField.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/ZipLong.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/ZipShort.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
- \* /opt/cola/permits/1166480000\_1621428975.75/0/zt-zip-1-14-sources-3-jar/org/zeroturnaround/zip/extra/ZipConstants.java

# 1.100 liblog4cxx9-dev 0.11.0

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Found in path(s):

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/logstring.h
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/properties.h
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/trigerringpolicy.h
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/fileappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/loglog.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/expressionfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/levelrangefilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/charsetdecoder.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/exception.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/ndc.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/outputstreamwriter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/locationinfofilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/andfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/nt/outputdebugstringappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/relativetimepatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/jsonlayout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/manualtriggeringpolicy.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/loggermatchfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/hierarchyeventlistener.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/bufferedwriter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/datepatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/rollingfileappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/linelocationpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/bufferedoutputstream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/nt/nteventlogappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/socket.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/iso8601dateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/ndcpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/include/log4cxx/consoleappender.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/tchar.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/synchronized.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/patternparser.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/socketoutputstream.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/objectoutputstream.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/transform.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/classnamepatternconverter.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/filterbasedtriggeringpolicy.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/filter.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/thread.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/filewatchdog.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/file.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/simpledateformat.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/condition.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/errorhandler.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/appenderattachable.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/systemoutwriter.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/rollingpolicy.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/rootlogger.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/patternconverter.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/outputstream.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/filenameaction.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/inetaddress.h  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/provisionnode.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/level.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/dailyrollingfileappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/location/locationinfo.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/logmanager.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/formattinginfo.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/namepatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/threadspecificdata.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/objectptr.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/zipcompressaction.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/charsetencoder.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/portability.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/propertyresourcebundle.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/varia/fallbackerrorhandler.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/lineseparatorpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/defaultrepositorystselector.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/optionhandler.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/fileoutputstream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/rolloverdescription.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/rollingpolicybase.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/fileinputstream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/propertyfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/defaultconfigurator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/socketappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/xml/domconfigurator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/configurator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/gzcompressaction.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/transcoder.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/simplelayout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/stringmatchfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/xml/xmllayout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/loader.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/mutex.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rollingfileappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/methodlocationpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/xml.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/levelmatchfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/pool.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/sizebasedtriggeringpolicy.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/propertiespatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/classregistration.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/literalpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/smtpappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/loggingeventpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/sockethubappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/stringhelper.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/hierarchy.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/basicconfigurator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/serversocket.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/loggerfactory.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/threadlocal.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/timebasedrollingpolicy.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/htmlayout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/action.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/onlyonceerrorhandler.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/propertyconfigurator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/writerappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/stream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/systemerrwriter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/filedatepatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/dateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/appenderattachableimpl.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/rolling/rollingfileappenderskeleton.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/config/propertysetter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/levelpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/integerpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/triggeringeventevaluator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/stringtokenizer.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/absolutetimedateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/aprinitializer.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/syslogwriter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/relativetimedateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/inputstreamreader.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/telnetappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/strftimedateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/writer.h

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/defaultloggerfactory.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/system.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/repositoryselector.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/cacheddateformat.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/appenderskeleton.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/db/odbcappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/layout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/patternlayout.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/date.h

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/asynccappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/fulllocationpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/filter/denyallfilter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/loggerpatternconverter.h

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/appender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/bytearrayinputstream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/xmlsocketappender.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/inputstream.h

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/spi/loggerrepository.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/nameabbreviator.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/threadpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/bytebuffer.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/bytearrayoutputstream.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/object.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/mdc.h

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/cyclicbuffer.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/strictmath.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/filelocationpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/pattern/throwableinformationpatternconverter.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/net/socketappenderskeleton.h

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/include/log4cxx/helpers/datagramsocket.h

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* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/include/log4cxx/filter/mapfilter.h
* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/include/log4cxx/rolling/fixwindowrollingpolicy.h
* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/include/log4cxx/helpers/datagrampacket.h
* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/include/log4cxx/net/syslogappender.h
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/cyclicbuffer\_8h.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/outputstream\_8h.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/systemerrwriter\_8h.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_n\_d\_c.html
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_layout.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_file\_location\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_state\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_syslog\_writer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_s\_m\_t\_p\_appender\_1\_1\_clazz\_s\_m\_t\_p\_append

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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_property\_configurator\_1\_1\_clazz\_property\_configurator-members.html
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x70.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/locale\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_1\_d\_o\_m\_document-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/bytebuffer\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_configurator-members.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_syslog\_appender-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1synchronized.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_deny\_all\_filter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_level-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_server\_socket.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x74.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender\_1\_1\_clazz\_rolling\_file\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logger\_pattern\_converter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x72.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/relativetimedateformat\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_hub\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/basicconfigurator\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_exception-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_missing\_resource\_exception-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/levelpatternconverter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/appenderattachableimpl\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/provisionnode\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/htmlayout\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1config.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler\_1\_1\_clazz\_only\_once\_error\_handler.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/rollingpolicybase\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/andfilter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rollover\_description-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_output\_stream\_1\_1\_clazz\_object\_output\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_i\_s\_o8601\_date\_format-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1varia\_1\_1\_fallback\_error\_handler\_1\_1\_clazz\_fallback\_error\_handler-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_wide\_message\_buffer-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_option\_handler-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_condition-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/odbcappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/patternparser\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_output\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_default\_configurator.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/syslogwriter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_time\_date\_format.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_m\_d\_c-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/writerappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_relative\_time\_pattern\_converter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_state\_exception.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_name\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/messagepatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/condition\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/layout\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/writer\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_connect\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_1\_1\_clazz\_object-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_writer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_zip\_compress\_action\_1\_1\_clazz\_zip\_compress\_action-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_instantiation\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/syslogappender\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_hierarchy\_1\_1\_clazz\_hierarchy.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_pool.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/datetimedateformat\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/charsetencoder\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_n\_t\_event\_log\_appender\_1\_1\_clazz\_n\_t\_event\_log\_appender.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/bufferedwriter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_appender\_attachable.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/literalpatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_repository\_selector.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1varia\_1\_1\_fallback\_error\_handler\_1\_1\_clazz\_fallback\_error\_handler.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x6a.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_strict\_math-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/stream\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_1\_1\_clazz\_object.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_writer\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_daily\_rolling\_file\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x6c.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_file\_appender\_1\_1\_clazz\_rolling\_file\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/objectptr\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_i\_o\_exception-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_socket\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_socket\_hub\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_output\_stream\_writer.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x77.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_s\_m\_t\_p\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/mapfilter\_8h.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_layout-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_file\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/strictmath\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_policy\_base-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_location\_info.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_file\_date\_pattern\_converter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/outputdebugstringappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_file\_rename\_action-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x76.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_time\_based\_rolling\_policy.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_layout\_1\_1\_clazz\_pattern\_layout-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_output\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_console\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logging\_event\_pattern\_converter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transform-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_char\_message\_buffer-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy\_1\_1\_clazz\_rolling\_policy-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_layout\_1\_1\_clazz\_layout-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_action.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/loggerrepository\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_appender\_1\_1\_clazz\_socket\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_repository\_selector\_1\_1\_clazz\_repository\_selector.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_property\_resource\_bundle.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/strftimedateformat\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/optionconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_impl-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_appender\_skeleton.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_error\_handler\_1\_1\_clazz\_error\_handler-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x66.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/mdc\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_out\_writer\_1\_1\_clazz\_system\_out\_writer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/outputstreamwriter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_1\_1\_clazz\_socket-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/loggingevent\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_socket\_hub\_appender\_1\_1\_clazz\_socket\_hub\_appender.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/filter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/filelocationpatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x6e.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x7a.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1wlogstream-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/defaultrepositoryselector\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_writer\_1\_1\_clazz\_writer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_log\_manager-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x7a.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/xml\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x67.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_closed\_channel\_exception-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_size\_based\_triggering\_policy-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_logger\_pattern\_converter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/aprinitializer\_8h.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/reader\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/action\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_integer\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_h\_t\_m\_l\_layout\_1\_1\_clazz\_h\_t\_m\_l\_layout.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_log\_log.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_i\_s\_o8601\_date\_format.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/throwableinformationpatternconverter\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/log4cxx\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/transcoder\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_fixed\_window\_rolling\_policy-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_logger\_1\_1\_clazz\_logger.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_default\_repository\_selector\_1\_1\_clazz\_default\_repository\_selector-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_syslog\_appender\_1\_1\_clazz\_syslog\_appender.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1file\_watchdog.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1h\_t\_m\_l\_layout.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1mutex\_exception.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/ndcpatternconverter\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/propertyresourcebundle\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1logging\_event\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1inet\_address-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1x\_m\_l\_d\_o\_m\_document\_1\_1clazz\_x\_m\_l\_d\_o\_m\_document-members.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1filter\_based\_triggering\_policy.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1db\_1\_1o\_d\_b\_c\_appender.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1helpers.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_file\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1j\_s\_o\_n\_layout-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1varia.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1uni\_char\_message\_buffer-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacemembers\_type.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x69.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_simple\_layout.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_file\_appender.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_helpers\_1\_1\_datagram\_socket.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/bytearrayoutputstream\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/fileoutputstream\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x72.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/consoleappender\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/datagrampacket\_8h.html
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log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_configurator\_1\_1\_clazz\_configurator.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_default\_logger\_factory.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_filter\_based\_triggering\_policy\_1\_1\_clazz\_filt  
er\_based\_triggering\_policy-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_pattern\_converter\_1\_1\_clazz\_pattern\_conver  
ter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/namespacemembers.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_string\_helper.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_integer\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_resource\_bundle.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_time\_based\_rolling\_policy\_1\_1\_clazz\_time\_  
based\_rolling\_policy-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_throwable\_information\_pattern\_converter\_1\_  
1\_clazz\_throwable\_information\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_output\_stream.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_wide\_message\_buffer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/ndc\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_writer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_error\_code-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_i\_o\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/jsonlayout\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/logger\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_n\_d\_c\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_triggering\_event\_evaluator\_1\_1\_clazz\_triggering\_  
\_event\_evaluator.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_simple\_layout\_1\_1\_clazz\_simple\_layout.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/group\_\_\_logging\_macros.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/rolling\_2rollingfileappender\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1synchronized-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_telnet\_appender\_1\_1\_clazz\_telnet\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_formatting\_info-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x73.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namepatternconverter\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/cacheddateformat\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1spi.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_option\_handler.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_condition.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/levelmatchfilter\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_size\_based\_triggering\_policy\_1\_1\_clazz\_size\_based\_triggering\_policy-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1xml\_1\_1\_d\_o\_m\_configurator.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/synchronized\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_n\_d\_c-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1varia\_1\_1\_fallback\_error\_handler-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_fixed\_window\_rolling\_policy\_1\_1\_clazz\_fixed\_window\_rolling\_policy-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_not\_found\_exception-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_output\_stream-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_date\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/datagramsocket\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_layout.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_out\_writer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/loggingeventpatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_pool-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_action\_1\_1\_clazz\_action-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_triggering\_event\_evaluator.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_appender\_attachable\_impl.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_n\_t\_event\_log\_appender\_1\_1\_clazz\_n\_t\_event\_lo  
g\_appender-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logger\_factory.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_absolute\_time\_date\_format-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/defaultconfigurator\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logging\_event\_1\_1\_clazz\_logging\_event.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_n\_t\_event\_log\_appender.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_literal\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_property\_resource\_bundle\_1\_1\_clazz\_proper  
ty\_resource\_bundle-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_watchdog-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_1\_1\_clazz\_socket.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_default\_configurator-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_deny\_all\_filter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_g\_z\_compress\_action-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/object\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_level\_1\_1\_level\_class.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_writer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_c\_layout\_1\_1\_clazz\_t\_t\_c\_c\_layout.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/files.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/levelrangefilter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_map\_filter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_file\_location\_pattern\_converter-  
members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node\_list\_1\_1\_clazz\_x\_m\_l\_1\_1\_d\_o\_m\_node\_list.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_pattern\_converter\_1\_1\_clazz\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1config\_1\_1\_property\_setter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/repositoryselector\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/timebasedrollingpolicy\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_time\_based\_rolling\_policy-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x64.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/annotated.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream\_reader.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_logger-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_writer\_appender\_1\_1\_clazz\_writer\_appender.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_triggering\_event\_evaluator-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_writer\_appender\_1\_1\_clazz\_writer\_appender-  
members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/appenderskeleton\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_level\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_message\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/mutex\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_hierarchy\_1\_1\_clazz\_hierarchy-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_cyclic\_buffer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_relative\_time\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/socketappender\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node\_1\_1\_clazz\_x\_m\_l\_d\_o\_m\_node-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_time\_zone-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element\_1\_1\_clazz\_x\_m\_l\_d\_o\_m\_element.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/propertysetter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_instantiation\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_default\_repository\_selector.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_appender-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream\_reader-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_thread\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_buffered\_output\_stream-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_output\_stream-members.html  
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_time\_zone\_1\_1\_clazz\_time\_zone.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_filter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_type.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_appender\_skeleton-members.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_writer\_1\_1\_clazz\_writer.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logger\_repository\_1\_1\_clazz\_logger\_repository-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/charsetdecoder\_8h.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_date\_pattern\_converter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/propertyconfigurator\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_x\_m\_1\_socket\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_interrupted\_i\_o\_exception.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_property\_resource\_bundle-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/locationinfofilter\_8h.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_timeout\_exception-members.html

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex\_exception-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/objectoutputstream\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x75.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_zip\_compress\_action.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x6d.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_writer-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_logstream\_\_base.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_time\_based\_rolling\_policy\_1\_1\_clazz\_time\_based\_rolling\_policy.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_unknown\_host\_exception-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_enum.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x78.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_rela.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x78.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_ptr\_base-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_method\_location\_pattern\_converter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_full\_location\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_layout-members.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/patternlayout\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_filter\_1\_1\_and\_filter-members.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_j\_s\_o\_n\_layout.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1xml\_1\_1\_x\_m\_l\_layout-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x68.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/defaultloggerfactory\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_file\_appender.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/integer\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/filenameaction\_8h.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_relative\_time\_date\_format.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/xmlsocketappender\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element\_1\_1\_clazz\_x\_m\_l\_d\_o\_m\_element-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1ulogstream.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_only\_once\_error\_handler\_1\_1\_clazz\_only\_once\_error\_handler-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_file\_rename\_action.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1nt\_1\_1\_n\_t\_event\_log\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_runtime\_exception.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_locale-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rollover\_description\_1\_1\_clazz\_rollover\_description-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_thread\_local-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/asyncappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/ttcclayout\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1ulogstream-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_separator\_pattern\_converter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/threadspecificdata\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/bytearrayinputstream\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rollover\_description\_1\_1\_clazz\_rollover\_description.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_map\_filter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_level.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/relativetimepatternconverter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/patternconverter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/level\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1db\_1\_1\_s\_q\_l\_exception-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_cached\_date\_format-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/socket\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/gzcompression\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transcoder.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_output\_stream-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_expression\_filter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_format.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_resource\_bundle-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/socketoutputstream\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/stringhelper\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_appender.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1filter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_monitor\_state\_exception-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_reader.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_location\_info-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/formattinginfo\_8h.html  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/hierarchy\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x65.html  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/filedatepatternconverter\_8h.html  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/smtppappender\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/triggeringpolicy\_8h.html  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_h\_t\_m\_l\_layout-members.html  
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_name\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_socket\_timeout\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_out\_writer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/socketappenderskeleton\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_c\_layout.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_hierarchy\_event\_listener-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_missing\_resource\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/namespacemembers\_func.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/systemoutwriter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/loader\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x62.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1logstream-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_pool\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_document\_1\_1\_clazz\_x\_m\_l  
\_d\_o\_m\_document.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_element-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_location\_info\_filter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/tchar\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_bind\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_illegal\_argument\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/lineseparatorpatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_location\_pattern\_converter-  
members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_g\_z\_compress\_action\_1\_1\_clazz\_g\_z\_compr  
ess\_action.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1varia\_1\_1\_fallback\_error\_handler.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_out\_writer\_1\_1\_clazz\_system\_out\_  
writer-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/fileappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_manual\_triggering\_policy-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_full\_location\_pattern\_converter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/fulllocationpatternconverter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_buffer-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy\_1\_1\_clazz\_rolling\_policy.htm  
l

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_t\_t\_c\_c\_layout\_1\_1\_clazz\_t\_t\_c\_c\_layout-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_triggering\_policy\_1\_1\_clazz\_triggering\_polic  
y.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/hierarchy.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/stringmatchfilter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_class\_not\_found\_exception.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_input\_stream-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_filter\_1\_1\_clazz\_filter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x6b.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_basic\_configurator-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_node\_1\_1\_clazz\_x\_m\_l\_d\_o  
\_m\_node.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x74.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/appenderattachable\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_relative\_time\_pattern\_converter\_1\_1\_clazz\_r

relative\_time\_pattern\_converter.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_level\_match\_filter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_location\_info\_filter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/loggerfactory\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_mutex-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/configurator\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_thread\_pattern\_converter\_1\_1\_clazz\_thread\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_null\_pointer\_exception.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/telnetappender\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_output\_stream-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_async\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_location\_pattern\_converter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_property\_configurator.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x64.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/rollingfileappender\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x6a.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_appender\_attachable\_1\_1\_clazz\_appender\_attachable-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/class\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_appender\_attachable-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/zipcompression\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1db\_1\_1\_s\_q\_1\_exception.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/datelayout\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x6f.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/dailyrollingfileappender\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/methodlocationpatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_manual\_triggering\_policy\_1\_1\_clazz\_manual\_triggering\_policy.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_property\_configurator-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_ptr\_base.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_system\_err\_writer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/sizebasedtriggeringpolicy\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/simplelayout\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_error\_handler.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classregistration\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_closed\_channel\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_log\_log-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x6e.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/datepatternconverter\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_layout.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/inetaddress\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_file\_appender\_skeleton\_1\_1\_clazz\_rolling\_file\_appender\_skeleton.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_d\_o\_m\_exception.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_simple\_layout\_1\_1\_clazz\_simple\_layout-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_formatting\_info\_1\_1\_clazz\_formatting\_info.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/resourcebundle\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x67.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_datagram\_socket-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_output\_stream\_1\_1\_clazz\_object\_output\_stream-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1helpers\_1\_1\_simple\_date\_format\_impl.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/propertyfilter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_char\_message\_buffer.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_array\_input\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/integerpatternconverter\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_input\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_strict\_math.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_file\_input\_stream.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x65.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/logmanager\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/loglog\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x68.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_hierarchy-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/pool\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1net.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_relative\_time\_date\_format-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_transform.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_method\_location\_pattern\_converter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_line\_separator\_pattern\_converter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1pattern.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_object\_ptr.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/appender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_charset\_encoder-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x75.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_appender\_attachable\_impl-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x61.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_reader\_1\_1\_clazz\_reader.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_zip\_compress\_action-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1net\_1\_1\_x\_m\_l\_socket\_appender\_1\_1\_clazz\_x\_m\_l\_socket\_appender-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_expression\_filter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_loader.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logger\_factory-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/logstring\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1filter\_1\_1\_property\_filter.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/nventlogappender\_8h.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_logger\_repository.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/namespacelog4cxx\_1\_1xml.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_filter\_1\_1\_clazz\_filter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_formatting\_info\_1\_1\_clazz\_formatting\_info-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x63.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_properties\_pattern\_converter-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_no\_such\_element\_exception.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_reader\_1\_1\_clazz\_reader-members.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_cached\_date\_format.html

\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_pattern\_converter-members.html

- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x7e.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_unknown\_host\_exception.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_ptr\_t-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_nt\_1\_1\_output\_debug\_string\_appender\_1\_1\_clazz\_output\_debug\_string\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_nt\_1\_1\_output\_debug\_string\_appender\_1\_1\_clazz\_output\_debug\_string\_appender.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_configurator.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/fixwindowrollingpolicy\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/log4cxx\_\_private\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_logging\_event-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_m\_d\_c.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/transform\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_g\_z\_compress\_action\_1\_1\_clazz\_g\_z\_compress\_action-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x7e.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_hierarchy.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_filter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_s\_m\_t\_p\_appender-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_spi\_1\_1\_error\_handler\_1\_1\_clazz\_error\_handler.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_class\_name\_pattern\_converter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_output\_stream\_writer-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_exception-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/functions\_0x6f.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_socket\_appender\_skeleton.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_message\_buffer-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_byte\_buffer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1spi\_1\_1\_appender\_attachable\_1\_1\_clazz\_appender\_attachable.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_x\_m\_l\_d\_o\_m\_document.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_name\_abbreviator-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_throwable\_information\_pattern\_converter\_1\_1\_clazz\_throwable\_information\_pattern\_converter-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_no\_such\_element\_exception-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_rolling\_policy-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1rolling\_1\_1\_g\_z\_compress\_action.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/inputstreamreader\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/functions\_func\_0x69.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_resource\_bundle\_1\_1\_clazz\_resource\_bundle-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_output\_stream\_1\_1\_clazz\_output\_stream.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/exception\_8h.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_j\_s\_o\_n\_layout\_1\_1\_clazz\_j\_s\_o\_n\_layout-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/globals\_type.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_date\_layout-members.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1helpers\_1\_1\_integer.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1pattern\_1\_1\_n\_d\_c\_pattern\_converter.html  
\* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-  
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_async\_appender.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_net\_1\_1\_telnet\_appender\_1\_1\_clazz\_telnet\_appender.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_filter\_1\_1\_level\_range\_filter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_h\_t\_m\_l\_layout\_1\_1\_clazz\_h\_t\_m\_l\_layout-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_pattern\_parser-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/main.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_file-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_object\_impl.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_policy\_base\_1\_1\_clazz\_rolling\_policy\_base.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/globals\_defs.html
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- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_formatting\_info.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_rolling\_1\_1\_rolling\_policy\_base\_1\_1\_clazz\_rolling\_policy\_base-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_pattern\_1\_1\_pattern\_converter.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_helpers\_1\_1\_strftime\_date\_format.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx\_1\_1\_filter\_1\_1\_property\_filter-members.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/properties\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-log4cxx/0.11.0/share/doc/log4cxx/html/manualtriggeringpolicy\_8h.html
- \* /opt/cola/permits/1288788921\_1647981705.1/0/apache-log4cxx-zip/apache-

```
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx_1_1helpers_1_1_class_registration.html
* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/share/doc/log4cxx/html/classlog4cxx_1_1nt_1_1_output_debug_string_appender.html
No license file was found, but licenses were detected in source scan.
```

```
# The ASF licenses this file to You under the Apache License, Version 2.0
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# the License. You may obtain a copy of the License at
# http://www.apache.org/licenses/LICENSE-2.0
# distributed under the License is distributed on an "AS IS" BASIS,
```

```
Found in path(s):
* /opt/cola/permits/1288788921_1647981705.1/0/apache-log4cxx-zip/apache-
log4cxx/0.11.0/lib/pkgconfig/liblog4cxx.pc
```

# 1.101 grails-base-profile 5.0.4

## 1.101.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
#!/usr/bin/env sh

#
# Copyright 2015 the original author or authors.
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# limitations under the License.
#

#####
##
## Gradle start up script for UN*X
##
#####

# Attempt to set APP_HOME
# Resolve links: $0 may be a link
PRG="$0"
```

```

# Need this for relative symlinks.
while [ -h "$PRG" ] ; do
  ls=`ls -ld "$PRG"`
  link=`expr "$ls" : '.*-> \(.*\)${`}'`
  if expr "$link" : '/.*' > /dev/null; then
    PRG="$link"
  else
    PRG=`dirname "$PRG"`"/$link"
  fi
done
SAVED=""`pwd`"
cd "`dirname \"$PRG\"`/" >/dev/null
APP_HOME=""`pwd -P`"
cd "$SAVED" >/dev/null

APP_NAME="Gradle"
APP_BASE_NAME=`basename "$0`"

# Add default JVM options here. You can also use JAVA_OPTS and GRADLE_OPTS to pass JVM options to this
script.
DEFAULT_JVM_OPTS=""-Xmx64m" "-Xms64m"

# Use the maximum available, or set MAX_FD != -1 to use that value.
MAX_FD="maximum"

warn () {
  echo "$*"
}

die () {
  echo
  echo "$*"
  echo
  exit 1
}

# OS specific support (must be 'true' or 'false').
cygwin=false
msys=false
darwin=false
nonstop=false
case "`uname`" in
  CYGWIN* )
    cygwin=true
    ;;
  Darwin* )
    darwin=true
    ;;

```

```

MINGW* )
  msys=true
;;
NONSTOP* )
  nonstop=true
;;
esac

```

```

CLASSPATH=$APP_HOME/gradle/wrapper/gradle-wrapper.jar

```

```

# Determine the Java command to use to start the JVM.
if [ -n "$JAVA_HOME" ] ; then
  if [ -x "$JAVA_HOME/jre/sh/java" ] ; then
    # IBM's JDK on AIX uses strange locations for the executables
    JAVACMD="$JAVA_HOME/jre/sh/java"
  else
    JAVACMD="$JAVA_HOME/bin/java"
  fi
  if [ ! -x "$JAVACMD" ] ; then
    die "ERROR: JAVA_HOME is set to an invalid directory: $JAVA_HOME

```

Please set the JAVA\_HOME variable in your environment to match the location of your Java installation."

```

  fi
else
  JAVACMD="java"
  which java >/dev/null 2>&1 || die "ERROR: JAVA_HOME is not set and no 'java' command could be found in
your PATH.

```

Please set the JAVA\_HOME variable in your environment to match the location of your Java installation."

```

  fi

# Increase the maximum file descriptors if we can.
if [ "$cygwin" = "false" -a "$darwin" = "false" -a "$nonstop" = "false" ] ; then
  MAX_FD_LIMIT=`ulimit -H -n`
  if [ $? -eq 0 ] ; then
    if [ "$MAX_FD" = "maximum" -o "$MAX_FD" = "max" ] ; then
      MAX_FD="$MAX_FD_LIMIT"
    fi
    ulimit -n $MAX_FD
    if [ $? -ne 0 ] ; then
      warn "Could not set maximum file descriptor limit: $MAX_FD"
    fi
  else
    warn "Could not query maximum file descriptor limit: $MAX_FD_LIMIT"
  fi
fi

```

fi

```
# For Darwin, add options to specify how the application appears in the dock
if $darwin; then
```

```
    GRADLE_OPTS="$GRADLE_OPTS \-Xdock:name=$APP_NAME\ \-
Xdock:icon=$APP_HOME/media/gradle.icns\\""
fi
```

fi

```
# For Cygwin or MSYS, switch paths to Windows format before running java
if [ "$cygwin" = "true" -o "$msys" = "true" ] ; then
```

```
    APP_HOME=`cygpath --path --mixed "$APP_HOME"`
    CLASSPATH=`cygpath --path --mixed "$CLASSPATH"`
```

```
JAVACMD=`cygpath --unix "$JAVACMD`
```

```
# We build the pattern for arguments to be converted via cygpath
```

```
ROOTDIRSRAW=`find -L / -maxdepth 1 -mindepth 1 -type d 2>/dev/null`
SEP=""
```

```
for dir in $ROOTDIRSRAW ; do
```

```
    ROOTDIRS="$ROOTDIRS$SEP$dir"
```

```
    SEP="|"
```

```
done
```

```
OURCYGPATTERN="(^($ROOTDIRS))"
```

```
# Add a user-defined pattern to the cygpath arguments
```

```
if [ "$GRADLE_CYGPATTERN" != "" ] ; then
```

```
    OURCYGPATTERN="$OURCYGPATTERN|($GRADLE_CYGPATTERN)"
```

```
fi
```

```
# Now convert the arguments - kludge to limit ourselves to /bin/sh
```

```
i=0
```

```
for arg in "$@" ; do
```

```
    CHECK=`echo "$arg"|egrep -c "$OURCYGPATTERN" -`
```

```
    CHECK2=`echo "$arg"|egrep -c "^-"`           ### Determine if an option
```

```
if [ $CHECK -ne 0 ] && [ $CHECK2 -eq 0 ] ; then        ### Added a condition
```

```
    eval `echo args$i`=`cygpath --path --ignore --mixed "$arg`
```

```
else
```

```
    eval `echo args$i`="\`$arg\`"
```

```
fi
```

```
i=`expr $i + 1`
```

```
done
```

```
case $i in
```

```
0) set -- ;;
```

```
1) set -- "$args0" ;;
```

```
2) set -- "$args0" "$args1" ;;
```

```
3) set -- "$args0" "$args1" "$args2" ;;
```

```
4) set -- "$args0" "$args1" "$args2" "$args3" ;;
```

```
5) set -- "$args0" "$args1" "$args2" "$args3" "$args4" ;;
```

```
6) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" ;;
```

```

7) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" ;;
8) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" ;;
9) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" "$args8" ;;
esac
fi

# Escape application args
save () {
  for i do printf %s\n "$i" | sed "s/'/\\'/g;1s/^/';\$s/\$' \\\" ; done
  echo " "
}
APP_ARGS=`save "$@"`

# Collect all arguments for the java command, following the shell quoting and substitution rules
eval set -- $DEFAULT_JVM_OPTS $JAVA_OPTS $GRADLE_OPTS "\-
Dorg.gradle.appname=$APP_BASE_NAME\\"" -classpath "\$CLASSPATH\\""
org.gradle.wrapper.GradleWrapperMain "$APP_ARGS"

exec "$JAVACMD" "$@"

```

Found in path(s):

\* /opt/cola/permits/1262519402\_1650884577.88/0/base-5-0-0-m1-jar/META-INF/grails-profile/skeleton/gradlew  
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Found in path(s):

\* /opt/cola/permits/1262519402\_1650884577.88/0/base-5-0-0-m1-jar/META-INF/grails-profile/skeleton/gradlew.bat

## 1.102 opentelemetry 1.6.0

### 1.102.1 Available under license :

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Found in path(s):

\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/collector/logs/v1/logs\_service.proto

\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/collector/metrics/v1/metrics\_service.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/metrics/v1/metrics.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/metrics/experimental/metrics\_config\_service.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/common/v1/common.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/trace/v1/trace.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/resource/v1/resource.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/collector/trace/v1/trace\_service.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/logs/v1/logs.proto  
\* /opt/cola/permits/1310721288\_1650882615.53/0/opentelemetry-proto-1-6-0-alpha-jar/opentelemetry/proto/trace/v1/trace\_config.proto

## 1.103 expat-doc 2.4.7

### 1.103.1 Available under license :

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NOTE: We are looking for help with a few things:

<https://github.com/libexpat/libexpat/labels/help%20wanted>

If you can help, please get in touch. Thanks!

Release 2.4.7 Fri March 4 2022

Bug fixes:

#572 #577 Relax fix to CVE-2022-25236 (introduced with release 2.4.5)

with regard to all valid URI characters (RFC 3986),

i.e. the following set (excluding whitespace):

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz

0123456789 % -.\_~ :/?#[!\$&'()\*+;=

Other changes:

#555 #570 #581 CMake|Windows: Store Expat version in the DLL

#577 Document consequences of namespace separator choices not just in doc/reference.html but also in header <expat.h>

#577 Document Expat's lack of validation of namespace URIs against RFC 3986, and that the XML 1.0r4 specification doesn't require Expat to validate namespace URIs, and that Expat may do more in that regard in future releases.

If you find need for strict RFC 3986 URI validation on application level today, <https://uriparser.github.io/> may be of interest.

- #579 Fix documentation of XML\_EndDoctypeDeclHandler in <expat.h>
- #575 Document that a call to XML\_FreeContentModel can be done at a later time from outside the element declaration handler
- #574 Make hardcoded namespace URIs easier to find in code
- #573 Update documentation on use of XML\_POOR\_ENTROPY on Solaris
- #569 #571 tests: Resolve use of macros NAN and INFINITY for GNU G++ 4.8.2 on Solaris.
- #578 #580 Version info bumped from 9:6:8 to 9:7:8; see <https://verbump.de/> for what these numbers do

Special thanks to:

Jeffrey Walton  
Johnny Jazeix  
Thijs Schreijer

Release 2.4.6 Sun February 20 2022

Bug fixes:

- #566 Fix a regression introduced by the fix for CVE-2022-25313 in release 2.4.5 that affects applications that (1) call function XML\_SetElementDeclHandler and (2) are parsing XML that contains nested element declarations (e.g. "<!ELEMENT junk ((bar|foo|xyz+), zebra\*)>").

Other changes:

- #567 #568 Version info bumped from 9:5:8 to 9:6:8; see <https://verbump.de/> for what these numbers do

Special thanks to:

Matt Sergeant  
Samanta Navarro  
Sergei Trofimovich  
and  
NixOS  
Perl XML::Parser

Release 2.4.5 Fri February 18 2022

Security fixes:

- #562 CVE-2022-25235 -- Passing malformed 2- and 3-byte UTF-8 sequences (e.g. from start tag names) to the XML processing application on top of Expat can cause arbitrary damage (e.g. code execution) depending on how invalid UTF-8 is handled inside the XML processor; validation was not their job but Expat's. Exploits with code execution are known to exist.
- #561 CVE-2022-25236 -- Passing (one or more) namespace separator characters in "xmlns[:prefix]" attribute values made Expat send malformed tag names to the XML processor on top of Expat which can cause

arbitrary damage (e.g. code execution) depending on such unexpected cases are handled inside the XML processor; validation was not their job but Expat's. Exploits with code execution are known to exist.

#558 CVE-2022-25313 -- Fix stack exhaustion in doctype parsing that could be triggered by e.g. a 2 megabytes file with a large number of opening braces. Expected impact is denial of service or potentially arbitrary code execution.

#560 CVE-2022-25314 -- Fix integer overflow in function copyString; only affects the encoding name parameter at parser creation time which is often hardcoded (rather than user input), takes a value in the gigabytes to trigger, and a 64-bit machine. Expected impact is denial of service.

#559 CVE-2022-25315 -- Fix integer overflow in function storeRawNames; needs input in the gigabytes and a 64-bit machine. Expected impact is denial of service or potentially arbitrary code execution.

Other changes:

#557 #564 Version info bumped from 9:4:8 to 9:5:8; see <https://verbump.de/> for what these numbers do

Special thanks to:

Ivan Fratric  
Samanta Navarro  
and  
Google Project Zero  
JetBrains

Release 2.4.4 Sun January 30 2022

Security fixes:

#550 CVE-2022-23852 -- Fix signed integer overflow (undefined behavior) in function XML\_GetBuffer (that is also called by function XML\_Parse internally) for when XML\_CONTEXT\_BYTES is defined to >0 (which is both common and default). Impact is denial of service or more.

#551 CVE-2022-23990 -- Fix unsigned integer overflow in function doProlog triggered by large content in element type declarations when there is an element declaration handler present (from a prior call to XML\_SetElementDeclHandler). Impact is denial of service or more.

Bug fixes:

#544 #545 xmlwf: Fix a memory leak on output file opening error

Other changes:

- #546 Autotools: Fix broken CMake support under Cygwin
- #554 Windows: Add missing files to the installer to fix compilation with CMake from installed sources
- #552 #554 Version info bumped from 9:3:8 to 9:4:8; see <https://verbump.de/> for what these numbers do

Special thanks to:

Carlo Bramini  
hwt0415  
Roland Illig  
Samanta Navarro  
and  
Clang LeakSan and the Clang team

Release 2.4.3 Sun January 16 2022

Security fixes:

- #531 #534 CVE-2021-45960 -- Fix issues with left shifts by  $\geq 29$  places resulting in
  - a) realloc acting as free
  - b) realloc allocating too few bytes
  - c) undefined behaviordepending on architecture and precise value for XML documents with  $\geq 2^{27}+1$  prefixed attributes on a single XML tag a la  
"`<r xmlns:a='[.]' a:a123='[.]' [..] />`"  
where XML\_ParserCreateNS is used to create the parser (which needs argument "-n" when running xmlwf).  
Impact is denial of service, or more.
- #532 #538 CVE-2021-46143 (ZDI-CAN-16157) -- Fix integer overflow on variable `m_groupSize` in function `doProlog` leading to realloc acting as free.  
Impact is denial of service or more.
- #539 CVE-2022-22822 to CVE-2022-22827 -- Prevent integer overflows near memory allocation at multiple places. Mitre assigned a dedicated CVE for each involved internal C function:
  - CVE-2022-22822 for function `addBinding`
  - CVE-2022-22823 for function `build_model`
  - CVE-2022-22824 for function `defineAttribute`
  - CVE-2022-22825 for function `lookup`
  - CVE-2022-22826 for function `nextScaffoldPart`
  - CVE-2022-22827 for function `storeAtts`Impact is denial of service or more.

Other changes:

- #535 CMake: Make call to `file(GENERATE [..])` work for CMake <3.19
- #541 Autotools|CMake: MinGW: Make `run.sh(.in)` work for Cygwin and MSYS2 by not going through Wine on these platforms
- #527 #528 Address compiler warnings

#533 #543 Version info bumped from 9:2:8 to 9:3:8;  
see <https://verbump.de/> for what these numbers do

Infrastructure:

#536 CI: Check for realistic minimum CMake version  
#529 #539 CI: Cover compilation with -m32  
#529 CI: Store coverage reports as artifacts for download  
#528 CI: Upgrade Clang from 11 to 13

Special thanks to:

An anonymous whitehat  
Christopher Degawa  
J. Peter Mugaas  
Tyson Smith  
and  
GCC Farm Project  
Trend Micro Zero Day Initiative

Release 2.4.2 Sun December 19 2021

Other changes:

#509 #510 Link against libm for function "isnan"  
#513 #514 Include expat\_config.h as early as possible  
#498 Autotools: Include files with release archives:  
- buildconf.sh  
- fuzz/\*.c  
#507 #519 Autotools: Sync CMake templates  
#495 #524 CMake: MinGW: Fix pkg-config section "Libs" for  
- non-release build types (e.g. -DCMAKE\_BUILD\_TYPE=Debug)  
- multi-config CMake generators (e.g. Ninja Multi-Config)  
#502 #503 docs: Document that function XML\_GetBuffer may return NULL  
when asking for a buffer of 0 (zero) bytes size  
#522 #523 docs: Fix return value docs for both  
XML\_SetBillionLaughsAttackProtection\* functions  
#525 #526 Version info bumped from 9:1:8 to 9:2:8;  
see <https://verbump.de/> for what these numbers do

Special thanks to:

Dong-hee Na  
Joergen Ibsen  
Kai Pastor

Release 2.4.1 Sun May 23 2021

Bug fixes:

#488 #490 Autotools: Fix installed header expat\_config.h for multilib  
systems; regression introduced in 2.4.0 by pull request #486

Other changes:

#491 #492 Version info bumped from 9:0:8 to 9:1:8;

see <https://verbump.de/> for what these numbers do

Special thanks to:

Gentoo's QA check "multilib\_check\_headers"

Release 2.4.0 Sun May 23 2021

Security fixes:

#34 #466 #484 CVE-2013-0340/CWE-776 -- Protect against billion laughs attacks

(denial-of-service; flavors targeting CPU time or RAM or both, leveraging general entities or parameter entities or both)

by tracking and limiting the input amplification factor

( $\langle \text{amplification} \rangle := (\langle \text{direct} \rangle + \langle \text{indirect} \rangle) / \langle \text{direct} \rangle$ ).

By conservative default, amplification up to a factor of 100.0

is tolerated and rejection only starts after 8 MiB of output bytes

( $= \langle \text{direct} \rangle + \langle \text{indirect} \rangle$ ) have been processed.

The fix adds the following to the API:

- A new error code XML\_ERROR\_AMPLIFICATION\_LIMIT\_BREACH to signals this specific condition.

- Two new API functions ..

- XML\_SetBillionLaughsAttackProtectionMaximumAmplification and

- XML\_SetBillionLaughsAttackProtectionActivationThreshold

- .. to further tighten billion laughs protection parameters

- when desired. Please see file "doc/reference.html" for details.

- If you ever need to increase the defaults for non-attack XML

- payload, please file a bug report with libexpat.

- Two new XML\_FEATURE\_\* constants ..

- that can be queried using the XML\_GetFeatureList function, and

- that are shown in "xmlwf -v" output.

- Two new environment variable switches ..

- EXPAT\_ACCOUNTING\_DEBUG=(0|1|2|3) and

- EXPAT\_ENTITY\_DEBUG=(0|1)

- .. for runtime debugging of accounting and entity processing.

- Specific behavior of these values may change in the future.

- Two new command line arguments "-a FACTOR" and "-b BYTES"

- for xmlwf to further tighten billion laughs protection

- parameters when desired.

- If you ever need to increase the defaults for non-attack XML

- payload, please file a bug report with libexpat.

Bug fixes:

#332 #470 For (non-default) compilation with -DEXPAT\_MIN\_SIZE=ON (CMake)

or CPPFLAGS=-DXML\_MIN\_SIZE (GNU Autotools): Fix segfault

for UTF-16 payloads containing CDATA sections.

#485 #486 Autotools: Fix generated CMake files for non-64bit and

non-Linux platforms (e.g. macOS and MinGW in particular)

that were introduced with release 2.3.0

Other changes:

#468 #469 xmlwf: Improve help output and the xmlwf man page  
#463 xmlwf: Improve maintainability through some refactoring  
#477 xmlwf: Fix man page DocBook validity  
#458 #459 CMake: Support absolute paths for both CMAKE\_INSTALL\_LIBDIR  
and CMAKE\_INSTALL\_INCLUDEDIR  
#471 #481 CMake: Add support for standard variable BUILD\_SHARED\_LIBS  
#457 Unexpose symbol \_INTERNAL\_trim\_to\_complete\_utf8\_characters  
#467 Resolve macro HAVE\_EXPAT\_CONFIG\_H  
#472 Delete unused legacy helper file "conftools/PrintPath"  
#473 #483 Improve attribution  
#464 #465 #477 doc/reference.html: Fix XHTML validity  
#475 #478 doc/reference.html: Replace the 90s look by OK.css  
#479 Version info bumped from 8:0:7 to 9:0:8  
due to addition of new symbols and error codes;  
see <https://verbump.de/> for what these numbers do

#### Infrastructure:

#456 CI: Enable periodic runs  
#457 CI: Start covering the list of exported symbols  
#474 CI: Isolate coverage task  
#476 #482 CI: Adapt to breaking changes in image "ubuntu-18.04"  
#477 CI: Cover well-formedness and DocBook/XHTML validity  
of doc/reference.html and doc/xmlwf.xml

#### Special thanks to:

Dimitry Andric  
Eero Helenius  
Nick Wellnhofer  
Rhodri James  
Tomas Korbar  
Yury Gribov  
and  
Clang LeakSan  
JetBrains  
OSS-Fuzz

Release 2.3.0 Thu March 25 2021

#### Bug fixes:

#438 When calling XML\_ParseBuffer without a prior successful call to XML\_GetBuffer as a user, no longer trigger undefined behavior (by adding an integer to a NULL pointer) but rather return XML\_STATUS\_ERROR and set the error code to (new) code XML\_ERROR\_NO\_BUFFER. Found by UBSan (UndefinedBehaviorSanitizer) of Clang 11 (but not Clang 9).  
#444 xmlwf: Exit status 2 was used for both:  
- malformed input files (documented) and  
- invalid command-line arguments (undocumented).  
The case of invalid command-line arguments now

has its own exit status 4, resolving the ambiguity.

Other changes:

- #439 xmlwf: Add argument -k to allow continuing after non-fatal errors
- #439 xmlwf: Add section about exit status to the -h help output
- #422 #426 #447 Windows: Drop support for Visual Studio <=14.0/2015
- #434 Windows: CMake: Detect unsupported Visual Studio at configure time (rather than at compile time)
- #382 #428 testrunner: Make verbose mode (argument "-v") report about passed tests, and make default mode report about failures, as well.
- #442 CMake: Call "enable\_language(CXX)" prior to tinkering with CMAKE\_CXX\_\* variables
- #448 Document use of libexpat from a CMake-based project
- #451 Autotools: Install CMake files as generated by CMake 3.19.6 so that users with "find\_package(expat [..] CONFIG [..])" are served on distributions that are \*not\* using the CMake build system inside for libexpat packaging
- #436 #437 Autotools: Drop obsolescent macro AC\_HEADER\_STDC
- #450 #452 Autotools: Resolve use of obsolete macro AC\_CONFIG\_HEADER
- #441 Address compiler warnings
- #443 Version info bumped from 7:12:6 to 8:0:7 due to addition of error code XML\_ERROR\_NO\_BUFFER (see <https://verbump.de/> for what these numbers do)

Infrastructure:

- #435 #446 Replace Travis CI by GitHub Actions

Special thanks to:

Alexander Richardson  
Oleksandr Popovych  
Thomas Beutlich  
Tim Bray  
and  
Clang LeakSan, Clang 11 UBSan and the Clang team

Release 2.2.10 Sat October 3 2020

Bug fixes:

- #390 #395 #398 Fix undefined behavior during parsing caused by pointer arithmetic with NULL pointers
- #404 #405 Fix reading uninitialized variable during parsing
- #406 xmlwf: Add missing check for malloc NULL return

Other changes:

- #396 Windows: Drop support for Visual Studio <=8.0/2005
- #409 Windows: Add missing file "Changes" to the installer to fix compilation with CMake from installed sources

#403 xmlwf: Document exit codes in xmlwf manpage and exit with code 3 (rather than code 1) for output errors when used with "-d DIRECTORY"

#356 #359 MinGW: Provide declaration of rand\_s for mingwrt <5.3.0

#383 #392 Autotools: Use -Werror while configure tests the compiler for supported compile flags to avoid false positives

#383 #393 #394 Autotools: Improve handling of user (C|CPP|CXX|LD)FLAGS, e.g. ensure that they have the last word over flags added while running ./configure

#360 CMake: Create libexpatw.{dll,so} and expatw.pc (with emphasis on suffix "w") with -DEXPAT\_CHAR\_TYPE=(ushort|wchar\_t)

#360 CMake: Detect and deny unsupported build combinations involving -DEXPAT\_CHAR\_TYPE=(ushort|wchar\_t)

#360 CMake: Install pre-compiled shipped xmlwf.1 manpage in case of -DEXPAT\_BUILD\_DOCS=OFF

#375 #380 #419 CMake: Fix use of Expat by means of add\_subdirectory

#407 #408 CMake: Keep expat target name constant at "expat" (i.e. refrain from using the target name to control build artifact filenames)

#385 CMake: Fix compilation with -DEXPAT\_SHARED\_LIBS=OFF for Windows

CMake: Expose man page compilation as target "xmlwf-manpage"

#413 #414 CMake: Introduce option EXPAT\_BUILD\_PKGCONFIG to control generation of pkg-config file "expat.pc"

#424 CMake: Add minimalistic support for building binary packages with CMake target "package"; based on CPack

#366 CMake: Add option -DEXPAT\_OSSFUZZ\_BUILD=(ON|OFF) with default OFF to build fuzzer code against OSS-Fuzz and related environment variable LIB\_FUZZING\_ENGINE

#354 Fix testsuite for -DEXPAT\_DTD=OFF and -DEXPAT\_NS=OFF, each

#354 #355 ..

#356 #412 Address compiler warnings

#368 #369 Address pngcheck warnings with doc/\*.png images

#425 Version info bumped from 7:11:6 to 7:12:6

Special thanks to:

asavah  
Ben Wagner  
Bhargava Shastry  
Frank Landgraf  
Jeffrey Walton  
Joe Orton  
Kleber Tarcsio  
Ma Lin  
Maciej Sroczyski  
Mohammed Khajapasha  
Vadim Zeitlin  
and

## Cppcheck 2.0 and the Cppcheck team

Release 2.2.9 Wed September 25 2019

Other changes:

examples: Drop executable bits from elements.c

#349 Windows: Change the name of the Windows DLLs from expat\*.dll to libexpat\*.dll once more (regression from 2.2.8, first fixed in 1.95.3, issue #61 on SourceForge today, was issue #432456 back then); needs a fix due case-insensitive file systems on Windows and the fact that Perl's XML::Parser::Expat compiles into Expat.dll.

#347 Windows: Only define \_CRT\_RAND\_S if not defined  
Version info bumped from 7:10:6 to 7:11:6

Special thanks to:

Ben Wagner

Release 2.2.8 Fri September 13 2019

Security fixes:

#317 #318 CVE-2019-15903 -- Fix heap overflow triggered by XML\_GetCurrentLineNumber (or XML\_GetCurrentColumnNumber), and deny internal entities closing the doctype;  
fixed in commit c20b758c332d9a13afbbb276d30db1d183a85d43

Bug fixes:

#240 Fix cases where XML\_StopParser did not have any effect when called from inside of an end element handler

#341 xmlwf: Fix exit code for operation without "-d DIRECTORY"; previously, only "-d DIRECTORY" would give you a proper exit code:

```
# xmlwf -d . <<<'<not well-formed>' 2>/dev/null ; echo $?  
2  
# xmlwf <<<'<not well-formed>' 2>/dev/null ; echo $?  
0
```

Now both cases return exit code 2.

Other changes:

#299 #302 Windows: Replace LoadLibrary hack to access unofficial API function SystemFunction036 (RtlGenRandom) by using official API function rand\_s (needs WinXP+)

#325 Windows: Drop support for Visual Studio <=7.1/2003 and document supported compilers in README.md

#286 Windows: Remove COM code from xmlwf; in case it turns out needed later, there will be a dedicated repository below <https://github.com/libexpat/> for that code

#322 Windows: Remove explicit MSVC solution and project files.

You can generate Visual Studio solution files through

CMake, e.g.: cmake -G"Visual Studio 15 2017" .

#338 xmlwf: Make "xmlwf -h" help output more friendly

#339 examples: Improve elements.c

#244 #264 Autotools: Add argument --enable-xml-attr-info

#239 #301 Autotools: Add arguments

- with-getrandom
- without-getrandom
- with-sys-getrandom
- without-sys-getrandom

#312 #343 Autotools: Fix linking issues with "./configure LD=clang"

Autotools: Fix "make run-xmltest" for out-of-source builds

#329 #336 CMake: Pull all options from Expat <=2.2.7 into namespace prefix EXPAT\_ with the exception of DOCBOOK\_TO\_MAN:

- BUILD\_doc -> EXPAT\_BUILD\_DOCS (plural)
- BUILD\_examples -> EXPAT\_BUILD\_EXAMPLES
- BUILD\_shared -> EXPAT\_SHARED\_LIBS
- BUILD\_tests -> EXPAT\_BUILD\_TESTS
- BUILD\_tools -> EXPAT\_BUILD\_TOOLS
- DOCBOOK\_TO\_MAN -> DOCBOOK\_TO\_MAN (unchanged)
- INSTALL -> EXPAT\_ENABLE\_INSTALL
- MSVC\_USE\_STATIC\_CRT -> EXPAT\_MSVC\_STATIC\_CRT
- USE\_libbsd -> EXPAT\_WITH\_LIBBSD
- WARNINGS\_AS\_ERRORS -> EXPAT\_WARNINGS\_AS\_ERRORS
- XML\_CONTEXT\_BYTES -> EXPAT\_CONTEXT\_BYTES
- XML\_DEV\_URANDOM -> EXPAT\_DEV\_URANDOM
- XML\_DTD -> EXPAT\_DTD
- XML\_NS -> EXPAT\_NS
- XML\_UNICODE -> EXPAT\_CHAR\_TYPE=ushort (!)
- XML\_UNICODE\_WCHAR\_T -> EXPAT\_CHAR\_TYPE=wchar\_t (!)

#244 #264 CMake: Add argument -DEXPAT\_ATTR\_INFO=(ON|OFF), default OFF

#326 CMake: Add argument -DEXPAT\_LARGE\_SIZE=(ON|OFF), default OFF

#328 CMake: Add argument -DEXPAT\_MIN\_SIZE=(ON|OFF), default OFF

#239 #277 CMake: Add arguments

- DEXPAT\_WITH\_GETRANDOM=(ON|OFF|AUTO), default AUTO
- DEXPAT\_WITH\_SYS\_GETRANDOM=(ON|OFF|AUTO), default AUTO

#326 CMake: Install expat\_config.h to include directory

#326 CMake: Generate and install configuration files for future find\_package(expat [..] CONFIG [..])

CMake: Now produces a summary of applied configuration

CMake: Require C++ compiler only when tests are enabled

#330 CMake: Fix compilation for 16bit character types, i.e. ex -DXML\_UNICODE=ON (and ex -DXML\_UNICODE\_WCHAR\_T=ON)

#265 CMake: Fix linking with MinGW

#330 CMake: Add full support for MinGW; to enable, use

- DCMAKE\_TOOLCHAIN\_FILE=[expat]/cmake/mingw-toolchain.cmake

#330 CMake: Port "make run-xmltest" from GNU Autotools to CMake

#316 CMake: Windows: Make binary postfix match MSVC  
Old: expat[d].lib  
New: expat[w][d][MD|MT].lib  
CMake: Migrate files from Windows to Unix line endings  
#308 CMake: Integrate OSS-Fuzz fuzzers, option  
-DEXPAT\_BUILD\_FUZZERS=(ON|OFF), default OFF  
#14 Drop an OpenVMS support leftover  
#235 #268 ..  
#270 #310 ..  
#313 #331 #333 Address compiler warnings  
#282 #283 ..  
#284 #285 Address cppcheck warnings  
#294 #295 Address Clang Static Analyzer warnings  
#24 #293 Mass-apply clang-format 9 (and ensure conformance during CI)  
Version info bumped from 7:9:6 to 7:10:6

Special thanks to:

David Loffredo  
Joonun Jang  
Kishore Kunche  
Marco Maggi  
Mitch Phillips  
Mohammed Khajapasha  
Rolf Ade  
xantares  
Zhongyuan Zhou

Release 2.2.7 Wed June 19 2019

Security fixes:

#186 #262 CVE-2018-20843 -- Fix extraction of namespace prefixes from XML names; XML names with multiple colons could end up in the wrong namespace, and take a high amount of RAM and CPU resources while processing, opening the door to use for denial-of-service attacks

Other changes:

#195 #197 Autotools/CMake: Utilize -fvisibility=hidden to stop exporting non-API symbols  
#227 Autotools: Add --without-examples and --without-tests  
#228 Autotools: Modernize configure.ac  
#245 #246 Autotools: Fix check for -fvisibility=hidden for Clang  
#247 #248 Autotools: Fix compilation for lack of docbook2x-man  
#236 #258 Autotools: Produce .tar.{gz,lz,xz} release archives  
#212 CMake: Make libdir of pkgconfig expat.pc support multilib  
#158 #263 CMake: Build man page in PROJECT\_BINARY\_DIR not \_SOURCE\_DIR  
#219 Remove fallback to bcopy, assume that memmove(3) exists  
#257 Use portable "/usr/bin/env bash" shebang (e.g. for OpenBSD)  
#243 Windows: Fix syntax of .def module definition files

Version info bumped from 7:8:6 to 7:9:6

Special thanks to:

Benjamin Peterson  
Caoln McNamara  
Hanno Bck  
KangLin  
Kishore Kunche  
Marco Maggi  
Rhodri James  
Sebastian Drge  
userwithuid  
Yury Gribov

Release 2.2.6 Sun August 12 2018

Bug fixes:

#170 #206 Avoid doing arithmetic with NULL pointers in XML\_GetBuffer  
#204 #205 Fix 2.2.5 regression with suspend-resume while parsing  
a document like '<root/>'

Other changes:

#165 #168 Autotools: Fix docbook-related configure syntax error  
#166 Autotools: Avoid grep option '-q` for Solaris  
#167 Autotools: Support  
./configure DOCBOOK\_TO\_MAN="xmlto man --skip-validation"  
#159 #167 Autotools: Support DOCBOOK\_TO\_MAN command which produces  
xmlwf.1 rather than XMLWF.1; also covers case insensitive  
file systems  
#181 Autotools: Drop -rpath option passed to libtool  
#188 Autotools: Detect and deny SGML docbook2man as ours is XML  
#188 Autotools/CMake: Support command db2x\_docbook2man as well  
#174 CMake: Introduce option WARNINGS\_AS\_ERRORS, defaults to OFF  
#184 #185 CMake: Introduce option MSVC\_USE\_STATIC\_CRT, defaults to OFF  
#207 #208 CMake: Introduce option XML\_UNICODE and XML\_UNICODE\_WCHAR\_T,  
both defaulting to OFF  
#175 CMake: Prefer check\_symbol\_exists over check\_function\_exists  
#176 CMake: Create the same pkg-config file as with GNU Autotools  
#178 #179 CMake: Use GNUInstallDirs module to set proper defaults for  
install directories  
#208 CMake: Utilize expat\_config.h.cmake for XML\_DEV\_URANDOM  
#180 Windows: Fix compilation of test suite for Visual Studio 2008  
#131 #173 #202 Address compiler warnings  
#187 #190 #200 Fix miscellaneous typos  
Version info bumped from 7:7:6 to 7:8:6

Special thanks to:

Anton Maklakov  
Benjamin Peterson

Brad King  
Franek Korta  
Frank Rast  
Joe Orton  
luzpaz  
Pedro Vicente  
Rainer Jung  
Rhodri James  
Rolf Ade  
Rolf Eike Beer  
Thomas Beutlich  
Tomasz Koczko

Release 2.2.5 Tue October 31 2017

Bug fixes:

- #8 If the parser runs out of memory, make sure its internal state reflects the memory it actually has, not the memory it wanted to have.
- #11 The default handler wasn't being called when it should for a SYSTEM or PUBLIC doctype if an entity declaration handler was registered.
- #137 #138 Fix a case of mistakenly reported parsing success where XML\_StopParser was called from an element handler
- #162 Function XML\_ErrorString was returning NULL rather than a message for code XML\_ERROR\_INVALID\_ARGUMENT introduced with release 2.2.1

Other changes:

- #106 xmlwf: Add argument -N adding notation declarations
- #75 #106 Test suite: Resolve expected failure cases where xmlwf output was incomplete
- #127 Windows: Fix test suite compilation
- #126 #127 Windows: Fix compilation for Visual Studio 2012  
Windows: Upgrade shipped project files to Visual Studio 2017
- #33 #132 tests: Mass-fix compilation for XML\_UNICODE\_WCHAR\_T
- #129 examples: Fix compilation for XML\_UNICODE\_WCHAR\_T
- #130 benchmark: Fix compilation for XML\_UNICODE\_WCHAR\_T
- #144 xmlwf: Fix compilation for XML\_UNICODE\_WCHAR\_T; still needs Windows or MinGW for 2-byte wchar\_t
- #9 Address two Clang Static Analyzer false positives
- #59 Resolve troublesome macros hiding parser struct membership and dereferencing that pointer
- #6 Resolve superfluous internal malloc/realloc switch
- #153 #155 Improve docbook2x-man detection
- #160 Undefine NDEBUG in the test suite (rather than rejecting it)
- #161 Address compiler warnings  
Version info bumped from 7:6:6 to 7:7:6

Special thanks to:

Benbuck Nason  
Hans Wennborg  
Jos Gutierrez de la Concha  
Pedro Monreal Gonzalez  
Rhodri James  
Rolf Ade  
Stephen Groat  
and  
Core Infrastructure Initiative

Release 2.2.4 Sat August 19 2017

Bug fixes:

#115 Fix copying of partial characters for UTF-8 input

Other changes:

#109 Fix "make check" for non-x86 architectures that default to unsigned type char (-128..127 rather than 0..255)  
#109 coverage.sh: Cover -funsigned-char  
Autotools: Introduce --without-xmlwf argument  
#65 Autotools: Replace handwritten Makefile with GNU Automake  
#43 CMake: Auto-detect high quality entropy extractors, add new option USE\_libbsd=ON to use arc4random\_buf of libbsd  
#74 CMake: Add -fno-strict-aliasing only where supported  
#114 CMake: Always honor manually set BUILD\_\* options  
#114 CMake: Compile man page if docbook2x-man is available, only  
#117 Include file tests/xmltest.log.expected in source tarball (required for "make run-xmltest")  
#117 Include (existing) Visual Studio 2013 files in source tarball  
Improve test suite error output  
#111 Fix some typos in documentation  
Version info bumped from 7:5:6 to 7:6:6

Special thanks to:

Jakub Wilk  
Joe Orton  
Lin Tian  
Rolf Eike Beer

Release 2.2.3 Wed August 2 2017

Security fixes:

#82 CVE-2017-11742 -- Windows: Fix DLL hijacking vulnerability using Steve Holme's LoadLibrary wrapper for/of cURL

Bug fixes:

#85 Fix a dangling pointer issue related to realloc

Other changes:

Increase code coverage

- #91 Linux: Allow getrandom to fail if nonblocking pool has not yet been initialized and read /dev/urandom then, instead.  
This is in line with what recent Python does.
- #81 Pre-10.7/Lion macOS: Support entropy from arc4random
- #86 Check that a UTF-16 encoding in an XML declaration has the right endianness
- #4 #5 #7 Recover correctly when some reallocations fail  
Repair "./configure && make" for systems without any provider of high quality entropy and try reading /dev/urandom on those  
Ensure that user-defined character encodings have converter functions when they are needed  
Fix mis-leading description of argument -c in xmlwf.1  
Rely on macro HAVE\_ARC4RANDOM\_BUF (rather than \_\_CloudABI\_\_) for CloudABI
- #100 Fix use of SIPHASH\_MAIN in siphash.h
- #23 Test suite: Fix memory leaks  
Version info bumped from 7:4:6 to 7:5:6

Special thanks to:

Chanho Park  
Joe Orton  
Pascal Cuoq  
Rhodri James  
Simon McVittie  
Vadim Zeitlin  
Viktor Szakats  
and  
Core Infrastructure Initiative

Release 2.2.2 Wed July 12 2017

Security fixes:

- #43 Protect against compilation without any source of high quality entropy enabled, e.g. with CMake build system;  
commit ff0207e6076e9828e536b8d9cd45c9c92069b895
- #60 Windows with \_UNICODE:  
Unintended use of LoadLibraryW with a non-wide string resulted in failure to load advapi32.dll and degradation in quality of used entropy when compiled with \_UNICODE for Windows; you can launch existing binaries with EXPAT\_ENTROPY\_DEBUG=1 in the environment to inspect the quality of entropy used during runtime; commits  
\* 95b95032f907ef1cd17ee7a9a1768010a825d61d  
\* 73a5a2e9c081f49f2d775cf7ced864158b68dc80
- [MOX-006] Fix non-NULL parser parameter validation in XML\_Parse;  
resulted in NULL dereference, previously;  
commit ac256dafdfc9622ab0dc2c62fcec0dfcfa71fe

Bug fixes:

#69 Fix improper use of unsigned long long integer literals

Other changes:

#73 Start requiring a C99 compiler

#49 Fix "==" Bashism in configure script

#50 Fix too eager getrandom detection for Debian GNU/kFreeBSD

#52 and macOS

#51 Address lack of stdint.h in Visual Studio 2003 to 2008

#58 Address compile warnings

#68 Fix "./buildconf.sh && ./configure" for some versions  
of Dash for /bin/sh

#72 CMake: Ease use of Expat in context of a parent project  
with multiple CMakeLists.txt files

#72 CMake: Resolve mistaken executable permissions

#76 Address compile warning with -DNDEBUG (not recommended!)

#77 Address compile warning about macro redefinition

Special thanks to:

Alexander Bluhm

Ben Boeckel

Ctlin Rceanu

Kerin Millar

Lszl Bszrmnyi

S. P. Zeidler

Segev Finer

Vclav Slavk

Victor Stinner

Viktor Szakats

and

Radically Open Security

Release 2.2.1 Sat June 17 2017

Security fixes:

CVE-2017-9233 -- External entity infinite loop DoS

Details: <https://libexpat.github.io/doc/cve-2017-9233/>

Commit c4bf96bb51dd2a1b0e185374362ee136fe2c9d7f

[MOX-002] CVE-2016-9063 -- Detect integer overflow; commit

d4f735b88d9932bd5039df2335eefdd0723dbe20

(Fixed version of existing downstream patches!)

(SF.net) #539 Fix regression from fix to CVE-2016-0718 cutting off

longer tag names; commits

\* 896b6c1fd3b842f377d1b62135dccf0a579cf65d

\* af507cef2c93cb8d40062a0abe43a4f4e9158fb2

#16 \* 0dbbf43fdb20f593ddf4fa1ff67288000dd4a7fd

#25 More integer overflow detection (function poolGrow); commits

\* 810b74e4703dcfdd8f404e3cb177d44684775143

- \* 44178553f3539ce69d34abee77a05e879a7982ac
- [MOX-002] Detect overflow from len=INT\_MAX call to XML\_Parse; commits
  - \* 4be2cb5afcc018d996f34bbbce6374b7befad47f
  - \* 7e5b71b748491b6e459e5c9a1d090820f94544d8
- [MOX-005] #30 Use high quality entropy for hash initialization:
  - \* arc4random\_buf on BSD, systems with libbsd (when configured with --with-libbsd), CloudABI
  - \* RtlGenRandom on Windows XP / Server 2003 and later
  - \* getrandom on Linux 3.17+

In a way, that's still part of CVE-2016-5300.  
<https://github.com/libexpat/libexpat/pull/30/commits>
- [MOX-005] For the low quality entropy extraction fallback code, the parser instance address can no longer leak, commit  
 04ad658bd3079dd15cb60fc67087900f0ff4b083
- [MOX-003] Prevent use of uninitialised variable; commit
- [MOX-004] a4dc944f37b664a3ca7199c624a98ee37babdb4b  
 Add missing parameter validation to public API functions and dedicated error code XML\_ERROR\_INVALID\_ARGUMENT:
- [MOX-006] \* NULL checks; commits
  - \* d37f74b2b7149a3a95a680c4c4cd2a451a51d60a (merge/many)
  - \* 9ed727064b675b7180c98cb3d4f75efba6966681
  - \* 6a747c837c50114dfa413994e07c0ba477be4534
  - \* Negative length (XML\_Parse); commit
- [MOX-002] 70db8d2538a10f4c022655d6895e4c3e78692e7f
- [MOX-001] #35 Change hash algorithm to William Ahern's version of SipHash to go further with fixing CVE-2012-0876.  
<https://github.com/libexpat/libexpat/pull/39/commits>

Bug fixes:

- #32 Fix sharing of hash salt across parsers; relevant where XML\_ExternalEntityParserCreate is called prior to XML\_Parse, in particular (e.g. FBReader)
- #28 xmlwf: Auto-disable use of memory-mapping (and parsing as a single chunk) for files larger than ~1 GB (2<sup>30</sup> bytes) rather than failing with error "out of memory"
- #3 Fix double free after malloc failure in DTD code; commit  
 7ae9c3d3af433cd4defe95234eae7dc8ed15637f
- #17 Fix memory leak on parser error for unbound XML attribute prefix with new namespaces defined in the same tag; found by Google's OSS-Fuzz; commits
  - \* 16f87daae5a16132e479e4f71862128c7a915c73
  - \* b47dbc9745932c160893d433220e462bd605f8cd
- xmlwf on Windows: Add missing calls to CloseHandle

New features:

- #30 Introduced environment switch EXPAT\_ENTROPY\_DEBUG=1 for runtime debugging of entropy extraction

Other changes:

Increase code coverage

- #33 Reject use of XML\_UNICODE\_WCHAR\_T with sizeof(wchar\_t) != 2;  
XML\_UNICODE\_WCHAR\_T was never meant to be used outside  
of Windows; 4-byte wchar\_t is common on Linux

(SF.net) #538 Start using -fno-strict-aliasing

(SF.net) #540 Support compilation against cloudblibc of CloudABI  
Allow MinGW cross-compilation

(SF.net) #534 CMake: Introduce option "BUILD\_doc" (enabled by default)  
to bypass compilation of the xmlwf.1 man page

(SF.net) pr2 CMake: Introduce option "INSTALL" (enabled by default)  
to bypass installation of expat files

CMake: Fix ninja support

Autotools: Add parameters --enable-xml-context [COUNT]  
and --disable-xml-context; default of context of 1024  
bytes enabled unchanged

#14 Drop AmigaOS 4.x code and includes

#14 Drop ancient build systems:

- \* Borland C++ Builder
- \* OpenVMS
- \* Open Watcom
- \* Visual Studio 6.0
- \* Pre-X Mac OS (MPW Makefile)

If you happen to rely on some of these, please get in  
touch for joining with maintenance.

#10 Move from WIN32 to \_WIN32

#13 Fix "make run-xmltest" order instability

Address compile warnings

Bump version info from 7:2:6 to 7:3:6

Add AUTHORS file

Infrastructure:

#1 Migrate from SourceForge to GitHub (except downloads):

<https://github.com/libexpat/>

#1 Re-create <http://libexpat.org/> project website

Start utilizing Travis CI

Special thanks to:

Andy Wang

Don Lewis

Ed Schouten

Karl Waclawek

Pascal Cuoq

Rhodri James

Sergei Nikulov

Tobias Taschner

Viktor Szakats

and

Core Infrastructure Initiative  
Mozilla Foundation (MOSS Track 3: Secure Open Source)  
Radically Open Security

Release 2.2.0 Tue June 21 2016

Security fixes:

- #537 CVE-2016-0718 -- Fix crash on malformed input
  - CVE-2016-4472 -- Improve insufficient fix to CVE-2015-1283 / CVE-2015-2716 introduced with Expat 2.1.1
- #499 CVE-2016-5300 -- Use more entropy for hash initialization than the original fix to CVE-2012-0876
- #519 CVE-2012-6702 -- Resolve troublesome internal call to srand that was introduced with Expat 2.1.0 when addressing CVE-2012-0876 (issue #496)

Bug fixes:

- Fix uninitialized reads of size 1 (e.g. in little2\_updatePosition)
- Fix detection of UTF-8 character boundaries

Other changes:

- #532 Fix compilation for Visual Studio 2010 (keyword "C99")
  - Autotools: Resolve use of "\$<" to better support bmake
  - Autotools: Add QA script "qa.sh" (and make target "qa")
  - Autotools: Respect CXXFLAGS if given
  - Autotools: Fix "make run-xmltest"
  - Autotools: Have "make run-xmltest" check for expected output
- p90 CMake: Fix static build (BUILD\_shared=OFF) on Windows
- #536 CMake: Add soversion, support -DNO\_SONAME=yes to bypass
- #323 CMake: Add suffix "d" to differentiate debug from release
  - CMake: Define WIN32 with CMake on Windows
  - Annotate memory allocators for GCC
  - Address all currently known compile warnings
  - Make sure that API symbols remain visible despite -fvisibility=hidden
  - Remove executable flag from source files
  - Resolve COMPILED\_FROM\_DSP in favor of WIN32

Special thanks to:

Bjrn Lindahl  
Christian Heimes  
Cristian Rodriguez  
Daniel Krgler  
Gustavo Grieco  
Karl Waclawek  
Lszl Bszrmnyi  
Marco Grassi  
Pascal Cuoq

Sergei Nikulov  
Thomas Beutlich  
Warren Young  
Yann Droneaud

Release 2.1.1 Sat March 12 2016

Security fixes:

#582: CVE-2015-1283 - Multiple integer overflows in XML\_GetBuffer

Bug fixes:

#502: Fix potential null pointer dereference

#520: Symbol XML\_SetHashSalt was not exported

Output of "xmlwf -h" was incomplete

Other changes:

#503: Document behavior of calling XML\_SetHashSalt with salt 0

Minor improvements to man page xmlwf(1)

Improvements to the experimental CMake build system

libtool now invoked with --verbose

Release 2.1.0 Sat March 24 2012

- Security fixes:

#2958794: CVE-2012-1148 - Memory leak in poolGrow.

#2895533: CVE-2012-1147 - Resource leak in readfilemap.c.

#3496608: CVE-2012-0876 - Hash DOS attack.

#2894085: CVE-2009-3560 - Buffer over-read and crash in big2\_toUtf8().

#1990430: CVE-2009-3720 - Parser crash with special UTF-8 sequences.

- Bug Fixes:

#1742315: Harmful XML\_ParserCreateNS suggestion.

#1785430: Expat build fails on linux-amd64 with gcc version >= 4.1 -O3.

#1983953, 2517952, 2517962, 2649838:

Build modifications using autoreconf instead of buildconf.sh.

#2815947, #2884086: OBJEXT and EXEEXT support while building.

#2517938: xmlwf should return non-zero exit status if not well-formed.

#2517946: Wrong statement about XMLDecl in xmlwf.1 and xmlwf.sgml.

#2855609: Dangling positionPtr after error.

#2990652: CMake support.

#3010819: UNEXPECTED\_STATE with a trailing "%" in entity value.

#3206497: Uninitialized memory returned from XML\_Parse.

#3287849: make check fails on mingw-w64.

- Patches:

#1749198: pkg-config support.

#3010222: Fix for bug #3010819.

#3312568: CMake support.

#3446384: Report byte offsets for attr names and values.

- New Features / API changes:

Added new API member XML\_SetHashSalt() that allows setting an initial value (salt) for hash calculations. This is part of the fix for

bug #3496608 to randomize hash parameters.

When compiled with XML\_ATTR\_INFO defined, adds new API member XML\_GetAttributeInfo() that allows retrieving the byte offsets for attribute names and values (patch #3446384).

Added CMake build system.

See bug #2990652 and patch #3312568.

Added run-benchmark target to Makefile.in - relies on testdata module present in the same relative location as in the repository.

#### Release 2.0.1 Tue June 5 2007

- Fixed bugs #1515266, #1515600: The character data handler's calling of XML\_StopParser() was not handled properly; if the parser was stopped and the handler set to NULL, the parser would segfault.
- Fixed bug #1690883: Expat failed on EBCDIC systems as it assumed some character constants to be ASCII encoded.
- Minor cleanups of the test harness.
- Fixed xmlwf bug #1513566: "out of memory" error on file size zero.
- Fixed outline.c bug #1543233: missing a final XML\_ParserFree() call.
- Fixes and improvements for Windows platform:  
bugs #1409451, #1476160, #1548182, #1602769, #1717322.
- Build fixes for various platforms:  
HP-UX, Tru64, Solaris 9: patch #1437840, bug #1196180.  
All Unix: #1554618 (refreshed config.sub/config.guess).  
#1490371, #1613457: support both, DESTDIR and INSTALL\_ROOT,  
without relying on GNU-Make specific features.  
#1647805: Patched configure.in to work better with Intel compiler.
- Fixes to Makefile.in to have make check work correctly:  
bugs #1408143, #1535603, #1536684.
- Added Open Watcom support: patch #1523242.

#### Release 2.0.0 Wed Jan 11 2006

- We no longer use the "check" library for C unit testing; we always use the (partial) internal implementation of the API.
- Report XML\_NS setting via XML\_GetFeatureList().
- Fixed headers for use from C++.
- XML\_GetCurrentLineNumber() and XML\_GetCurrentColumnNumber() now return unsigned integers.
- Added XML\_LARGE\_SIZE switch to enable 64-bit integers for byte indexes and line/column numbers.
- Updated to use libtool 1.5.22 (the most recent).
- Added support for AmigaOS.
- Some mostly minor bug fixes. SF issues include: #1006708, #1021776, #1023646, #1114960, #1156398, #1221160, #1271642.

#### Release 1.95.8 Fri Jul 23 2004

- Major new feature: suspend/resume. Handlers can now request that a parse be suspended for later resumption or aborted altogether. See "Temporarily Stopping Parsing" in the

documentation for more details.

- Some mostly minor bug fixes, but compilation should no longer generate warnings on most platforms. SF issues include: #827319, #840173, #846309, #888329, #896188, #923913, #928113, #961698, #985192.

#### Release 1.95.7 Mon Oct 20 2003

- Fixed enum XML\_Status issue (reported on SourceForge many times), so compilers that are properly picky will be happy.
- Introduced an XMLCALL macro to control the calling convention used by the Expat API; this macro should be used to annotate prototypes and definitions of callback implementations in code compiled with a calling convention other than the default convention for the host platform.
- Improved ability to build without the configure-generated expat\_config.h header. This is useful for applications which embed Expat rather than linking in the library.
- Fixed a variety of bugs: see SF issues #458907, #609603, #676844, #679754, #692878, #692964, #695401, #699323, #699487, #820946.
- Improved hash table lookups.
- Added more regression tests and improved documentation.

#### Release 1.95.6 Tue Jan 28 2003

- Added XML\_FreeContentModel().
- Added XML\_MemMalloc(), XML\_MemRealloc(), XML\_MemFree().
- Fixed a variety of bugs: see SF issues #615606, #616863, #618199, #653180, #673791.
- Enhanced the regression test suite.
- Man page improvements: includes SF issue #632146.

#### Release 1.95.5 Fri Sep 6 2002

- Added XML\_UseForeignDTD() for improved SAX2 support.
- Added XML\_GetFeatureList().
- Defined XML\_Bool type and the values XML\_TRUE and XML\_FALSE.
- Use an incomplete struct instead of a void\* for the parser (may not retain).
- Fixed UTF-8 decoding bug that caused legal UTF-8 to be rejected.
- Finally fixed bug where default handler would report DTD events that were already handled by another handler.  
Initial patch contributed by Darryl Miles.
- Removed unnecessary DllMain() function that caused static linking into a DLL to be difficult.
- Added VC++ projects for building static libraries.
- Reduced line-length for all source code and headers to be no longer than 80 characters, to help with AS/400 support.
- Reduced memory copying during parsing (SF patch #600964).
- Fixed a variety of bugs: see SF issues #580793, #434664,

#483514, #580503, #581069, #584041, #584183, #584832, #585537,  
#596555, #596678, #598352, #598944, #599715, #600479, #600971.

#### Release 1.95.4 Fri Jul 12 2002

- Added support for VMS, contributed by Craig Berry. See vms/README.vms for more information.
- Added Mac OS (classic) support, with a makefile for MPW, contributed by Thomas Wegner and Daryle Walker.
- Added Borland C++ Builder 5 / BCC 5.5 support, contributed by Patrick McConnell (SF patch #538032).
- Fixed a variety of bugs: see SF issues #441449, #563184, #564342, #566334, #566901, #569461, #570263, #575168, #579196.
- Made skippedEntityHandler conform to SAX2 (see source comment)
- Re-implemented WFC: Entity Declared from XML 1.0 spec and added a new error "entity declared in parameter entity": see SF bug report #569461 and SF patch #578161
- Re-implemented section 5.1 from XML 1.0 spec: see SF bug report #570263 and SF patch #578161

#### Release 1.95.3 Mon Jun 3 2002

- Added a project to the MSVC workspace to create a wchar\_t version of the library; the DLLs are named libexpatw.dll.
- Changed the name of the Windows DLLs from expat.dll to libexpat.dll; this fixes SF bug #432456.
- Added the XML\_ParserReset() API function.
- Fixed XML\_SetReturnNSTriplet() to work for element names.
- Made the XML\_UNICODE builds usable (thanks, Karl!).
- Allow xmlwf to read from standard input.
- Install a man page for xmlwf on Unix systems.
- Fixed many bugs; see SF bug reports #231864, #461380, #464837, #466885, #469226, #477667, #484419, #487840, #494749, #496505, #547350. Other bugs which we can't test as easily may also have been fixed, especially in the area of build support.

#### Release 1.95.2 Fri Jul 27 2001

- More changes to make MSVC happy with the build; add a single workspace to support both the library and xmlwf application.
- Added a Windows installer for Windows users; includes xmlwf.exe.
- Added compile-time constants that can be used to determine the Expat version
- Removed a lot of GNU-specific dependencies to aide portability among the various Unix flavors.
- Fix the UTF-8 BOM bug.
- Cleaned up warning messages for several compilers.
- Added the -Wall, -Wstrict-prototypes options for GCC.

#### Release 1.95.1 Sun Oct 22 15:11:36 EDT 2000

- Changes to get expat to build under Microsoft compiler
- Removed all aborts and instead return an UNEXPECTED\_STATE error.
- Fixed a bug where a stray '%' in an entity value would cause an abort.
- Defined XML\_SetEndNamespaceDeclHandler. Thanks to Darryl Miles for finding this oversight.
- Changed default patterns in lib/Makefile.in to fit non-GNU makes  
Thanks to robin@unrated.net for reporting and providing an account to test on.
- The reference had the wrong label for XML\_SetStartNamespaceDecl.  
Reported by an anonymous user.

Release 1.95.0 Fri Sep 29 2000

- XML\_ParserCreate\_MM  
Allows you to set a memory management suite to replace the standard malloc, realloc, and free.
- XML\_SetReturnNSTriplet  
If you turn this feature on when namespace processing is in effect, then qualified, prefixed element and attribute names are returned as "uri|name|prefix" where '|' is whatever separator character is used in namespace processing.
- Merged in features from perl-expat
  - o XML\_SetElementDeclHandler
  - o XML\_SetAttlistDeclHandler
  - o XML\_SetXmlDeclHandler
  - o XML\_SetEntityDeclHandler
  - o StartDoctypeDeclHandler takes 3 additional parameters:  
sysid, pubid, has\_internal\_subset
  - o Many paired handler setters (like XML\_SetElementHandler) now have corresponding individual handler setters
  - o XML\_GetInputContext for getting the input context of the current parse position.
- Added reference material
- Packaged into a distribution that builds a sharable library

Found in path(s):

\* /opt/cola/permits/1310721342\_1650884829.67/0/expat-176-zip/expat/2.4.7/share/doc/expat/changelog

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         |_| XML parser

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\\/\_^\\ \ .\\_/\_ .\\_\\|  
|\_ XML parser

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```
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zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor_operator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/dynamic.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try_catch_eval.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new_eval.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try_catch_expression.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/catch_push_back.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor_result_of.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/function/detail/cpp03/preprocessed/function_operator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_eval.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_gen.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/call.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new.hpp
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```

/\*!

@file

Defines `boost::hana::suffix`.

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```

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*/
```

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```
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get_current_thread.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/timers.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/local_memory.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/srw_lock.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get_last_error.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/init_once.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get_thread_times.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/handles.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/winapi/get_current_thread_id.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get_current_process.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/thread.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/semaphore.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/winapi/directory_management.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/critical_section.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/synchronization.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/apc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/security.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/memory.hpp
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zip/1.75.0/include/boost/accumulators/statistics/rolling_sum.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/rolling_window.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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```

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```
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@file
Defines `boost::hana::fold_left`.
```

```
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*/
```

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```
/*!
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Defines `boost::hana::Foldable`.
```

```
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*/
```

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# *
# ***** */
```

Found in path(s):  
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```
/*!  
@file  
Defines `boost::hana::detail::unpack_flatten`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/unpack_flatten.hpp  
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```

```
/*!  
@file  
Adapts `boost::mpl::list` for use with Hana.
```

```
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*/
```

```
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/mpl/list.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::cycle`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/cycle.hpp  
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```

```
/*=====
```

```
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join.h  
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/join.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost random/taus88.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/random for documentation.
*
* $Id$
*
*/
```

Found in path(s):

`/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/taus88.hpp`

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2013 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

`/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/thread_pool.hpp`  
`/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/tls.hpp`  
`/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/waitable_timer.hpp`

No license file was found, but licenses were detected in source scan.

```
/* Copyright 2003-2017 Joaquin M Lopez Munoz.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/multi_index for library home page.
*/
```

Found in path(s):

`/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi_index/detail/promotes_arg.hpp`

No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2003 Martin Wille

<http://spirit.sourceforge.net/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/scoped\_lock.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the position\_iterator and file\_position templates

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/util/file\_position.hpp  
No license file was found, but licenses were detected in source scan.

/\*\*

\* \_\*- c++ -\*-

\*

\* \file c\_array.hpp

\*

\* \brief provides specializations of matrix and vector operations for c arrays and c matrices.

\*

\* Copyright (c) 2009, Gunter Winkler

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

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\*

\* \author Gunter Winkler (guwi17 at gmx dot de)

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/c\_array.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2012 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2015 Kohei Takahashi

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/deque/detail/convert_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Tries to convert an exception ptr into its equivalent error code
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (11 commits)
File Created: July 2017
```

Boost Software License - Version 1.0 - August 17th, 2003

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/utls.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::difference`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/difference.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Phoenix V1.2.1  
Copyright (c) 2002 Joel de Guzman  
Copyright (c) 2002-2003 Hartmut Kaiser
```

```
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuple_helpers.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines configuration macros used throughout the library.
```

```
@copyright Louis Dionne 2013-2017  
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/config.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2005-2006 Dan Marsden  
Copyright (c) 2009-2010 Christopher Schmidt
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/std_pair.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/is_view_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/is_sequence_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/begin_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/end_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/size_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/value_at_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/category_of_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/struct.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/at_impl.hpp
```

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/\*!

@file

Forward declares `boost::hana::contains` and `boost::hana::in`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/contains.hpp
```

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/\*!

@file

Forward declares `boost::hana::fold`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/fold.hpp
```

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```
/* boost random/uniform_on_sphere.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/uniform_on_sphere.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_n_steps.hpp
```

[begin\_description]

Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.

[end\_description]

Copyright 2009-2011 Karsten Ahnert  
Copyright 2009-2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate_n_steps.hpp
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/geometry/algorithms/detail/is_valid/debug_validity_phase.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/geometry/algorithms/detail/is_valid/is_acceptable_turn.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/linear.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/flatten\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/multipoint\_to\_geometry.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/dispatch/point\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/boundary\_view/interface.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/calculate\_point\_order.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/segment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/expand\_segment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/line\_interpolate.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/dispatch/is\_valid.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/pointlike.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/debug\_print\_boundary\_points.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/iterator\_selector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/failure\_policy.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/io.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/always\_simple.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/two\_dimensional\_view.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/intersection/areal\_areal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/turns/remove\_duplicate\_turns.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/policies/is\_valid/default\_policy.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/has\_invalid\_coordinate.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/linear\_linear.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/geometries/pointing\_segment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/boundary\_view/implementation.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/is\_valid.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/dispatch/segment\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/default\_area\_result.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/core/static\_assert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/linear\_to\_linear.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/envelope\_box.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/disjoint/multirange\_geometry.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/has\_spikes.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/inconsistent\_turns\_exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/detail.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/geometry\_to\_segment\_or\_box.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/expand/cartesian.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/envelope\_box.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/is\_comparable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/detail/segment\_iterator/value\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/is\_simple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/detail/point\_iterator/iterator\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/complement\_graph.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/envelope.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/ring.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/envelope\_segment.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/pointlike\_areal.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/closest\_feature/geometry\_to\_range.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/pointlike\_linear.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/point\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/densify.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/point\_reverse\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/envelope\_point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/has\_one\_element.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area\_result.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area/geographic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area/services.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/expand/services.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/num\_distinct\_consecutive\_points.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/expand\_point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/policies/is\_valid/failure\_type\_policy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/turns/compare\_turns.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/segment\_to\_segment.hpp  
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/\* Failure observers for outcome type

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@file

Forward declares `boost::hana::Product`.

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boost/numeric/odeint/external/eigen/eigen\_resize.hpp

[begin\_description]

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[end\_description]

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@file

Defines the `BOOST\_HANA\_DEFINE\_STRUCT`, `BOOST\_HANA\_ADAPT\_STRUCT`, and  
`BOOST\_HANA\_ADAPT\_ADT` macros.

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@file

Defines `boost::hana::integral\_constant`.

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Boost.Wave: A Standard compliant C++ preprocessor library

Global application configuration

<http://www.boost.org/>

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@file

Forward declares `boost::hana::EuclideanRing`.

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function\_param\_limit.hpp

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=====\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/function\_param\_limit.hpp

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/\*-----+

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/impl\_config.hpp

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```
//  
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// https://www.boost.org/LICENSE\_1\_0.txt)  
//  
// getrandom() capable platforms  
//  
  
#include <boost/config.hpp>  
#include <boost/throw_exception.hpp>  
#include <boost/predef/library/c/gnu.h>  
#include <cerrno>  
#include <cstddef>  
  
#if !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)  
#if BOOST_LIB_C_GNU >= BOOST_VERSION_NUMBER(2, 25, 0)  
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER  
#elif defined(__has_include)  
#if __has_include(<sys/random.h>)  
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER  
#endif  
#endif  
#endif // !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)  
  
#if defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)  
#include <sys/random.h>  
#else  
#include <stddef.h> // ssize_t  
#endif  
  
namespace boost {  
namespace uuids {  
namespace detail {  
  
class random_provider_base  
{  
public:  
    //! Obtain entropy and place it into a memory location  
    //! \param[in] buf the location to write entropy  
    //! \param[in] siz the number of bytes to acquire
```

```

void get_random_bytes(void *buf, std::size_t siz)
{
    std::size_t offset = 0;
    while (offset < siz)
    {
        ssize_t sz = get_random(static_cast< char*>(buf) + offset, siz - offset, 0u);

        if (BOOST_UNLIKELY(sz < 0))
        {
            int err = errno;
            if (err == EINTR)
                continue;
            BOOST_THROW_EXCEPTION(entropy_error(err, "getrandom"));
        }

        offset += sz;
    }
}

private:
    static ssize_t get_random(void *buf, std::size_t size, unsigned int flags)
    {
#ifdef BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM
        return BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM(buf, size, flags);
#elif defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)
        return ::getrandom(buf, size, flags);
#else
        return ::syscall(SYS_getrandom, buf, size, flags);
#endif
    }
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_getrandom.ipp
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```

```

/* boost random/inversive_congruential.hpp header file

```

```

*

```

```

* Copyright Jens Maurer 2000-2001

```

```

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```

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* http://www.boost.org/LICENSE\_1\_0.txt)

```

```

*

```

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/inversive\_congruential.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/version\_number.h

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/\*!

@file

Defines `boost::hana::all\_of`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/all\_of.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/geometry/srs/projections/proj/isea.hpp

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@file

Forward declares `boost::hana::ap`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/ap.hpp

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//

// ip/impl/address\_v6.hpp

// ~~~~~

//

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//

#ifndef BOOST\_ASIO\_IP\_IMPL\_ADDRESS\_V6\_IPP

#define BOOST\_ASIO\_IP\_IMPL\_ADDRESS\_V6\_IPP

#if defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

```

# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>
#include <cstring>
#include <stdexcept>
#include <typeinfo>
#include <boost/asio/detail/socket_ops.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/error.hpp>
#include <boost/asio/ip/address_v6.hpp>
#include <boost/asio/ip/bad_address_cast.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace ip {

address_v6::address_v6() BOOST_ASIO_NOEXCEPT
: addr_(),
  scope_id_(0)
{
}

address_v6::address_v6(const address_v6::bytes_type& bytes,
  unsigned long scope)
: scope_id_(scope)
{
#if UCHAR_MAX > 0xFF
for (std::size_t i = 0; i < bytes.size(); ++i)
{
if (bytes[i] > 0xFF)
{
std::out_of_range ex("address_v6 from bytes_type");
boost::asio::detail::throw_exception(ex);
}
}
#endif
}

using namespace std; // For memcpy.
memcpy(addr_.s6_addr, bytes.data(), 16);
}

address_v6::address_v6(const address_v6& other) BOOST_ASIO_NOEXCEPT
: addr_(other.addr_),
  scope_id_(other.scope_id_)

```

```

{
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6::address_v6(address_v6&& other) BOOST_ASIO_NOEXCEPT
: addr_(other.addr_),
  scope_id_(other.scope_id_)
{
}
#endif // defined(BOOST_ASIO_HAS_MOVE)

address_v6& address_v6::operator=(const address_v6& other) BOOST_ASIO_NOEXCEPT
{
  addr_ = other.addr_;
  scope_id_ = other.scope_id_;
  return *this;
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6& address_v6::operator=(address_v6&& other) BOOST_ASIO_NOEXCEPT
{
  addr_ = other.addr_;
  scope_id_ = other.scope_id_;
  return *this;
}
#endif // defined(BOOST_ASIO_HAS_MOVE)

address_v6::bytes_type address_v6::to_bytes() const BOOST_ASIO_NOEXCEPT
{
  using namespace std; // For memcpy.
  bytes_type bytes;
#if defined(BOOST_ASIO_HAS_STD_ARRAY)
  memcpy(bytes.data(), addr_.s6_addr, 16);
#else // defined(BOOST_ASIO_HAS_STD_ARRAY)
  memcpy(bytes.elems, addr_.s6_addr, 16);
#endif // defined(BOOST_ASIO_HAS_STD_ARRAY)
  return bytes;
}

std::string address_v6::to_string() const
{
  boost::system::error_code ec;
  char addr_str[boost::asio::detail::max_addr_v6_str_len];
  const char* addr =
    boost::asio::detail::socket_ops::inet_ntop(
      BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
      boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
  if (addr == 0)

```

```

    boost::asio::detail::throw_error(ec);
return addr;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
std::string address_v6::to_string(boost::system::error_code& ec) const
{
char addr_str[boost::asio::detail::max_addr_v6_str_len];
const char* addr =
    boost::asio::detail::socket_ops::inet_ntop(
        BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
        boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
if (addr == 0)
    return std::string();
return addr;
}

address_v4 address_v6::to_v4() const
{
if (!is_v4_mapped() && !is_v4_compatible())
{
bad_address_cast ex;
boost::asio::detail::throw_exception(ex);
}

address_v4::bytes_type v4_bytes = { { addr_.s6_addr[12],
    addr_.s6_addr[13], addr_.s6_addr[14], addr_.s6_addr[15] } };
return address_v4(v4_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

bool address_v6::is_loopback() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 1));
}

bool address_v6::is_unspecified() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 0));
}

```

```

    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 0));
}

bool address_v6::is_link_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0x80));
}

bool address_v6::is_site_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0xc0));
}

bool address_v6::is_v4_mapped() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
        && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
        && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
        && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
        && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
        && (addr_.s6_addr[10] == 0xff) && (addr_.s6_addr[11] == 0xff));
}

#ifdef BOOST_ASIO_NO_DEPRECATED
bool address_v6::is_v4_compatible() const
{
    return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
        && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
        && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
        && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
        && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
        && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
        && !((addr_.s6_addr[12] == 0)
            && (addr_.s6_addr[13] == 0)
            && (addr_.s6_addr[14] == 0)
            && ((addr_.s6_addr[15] == 0) || (addr_.s6_addr[15] == 1))));
}
#endif

bool address_v6::is_multicast() const BOOST_ASIO_NOEXCEPT
{
    return (addr_.s6_addr[0] == 0xff);
}

```

```

bool address_v6::is_multicast_global() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x0e));
}

bool address_v6::is_multicast_link_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x02));
}

bool address_v6::is_multicast_node_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x01));
}

bool address_v6::is_multicast_org_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x08));
}

bool address_v6::is_multicast_site_local() const BOOST_ASIO_NOEXCEPT
{
    return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x05));
}

bool operator==(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcmp.
    return memcmp(&a1.addr_, &a2.addr_,
        sizeof(boost::asio::detail::in6_addr_type)) == 0
        && a1.scope_id_ == a2.scope_id_;
}

bool operator<(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcmp.
    int memcmp_result = memcmp(&a1.addr_, &a2.addr_,
        sizeof(boost::asio::detail::in6_addr_type));
    if (memcmp_result < 0)
        return true;
    if (memcmp_result > 0)
        return false;
    return a1.scope_id_ < a2.scope_id_;
}

address_v6 address_v6::loopback() BOOST_ASIO_NOEXCEPT
{
    address_v6 tmp;

```

```

tmp.addr_.s6_addr[15] = 1;
return tmp;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
address_v6 address_v6::v4_mapped(const address_v4& addr)
{
    address_v4::bytes_type v4_bytes = addr.to_bytes();
    bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0xFF, 0xFF,
        v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}

address_v6 address_v6::v4_compatible(const address_v4& addr)
{
    address_v4::bytes_type v4_bytes = addr.to_bytes();
    bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
        v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

address_v6 make_address_v6(const char* str)
{
    boost::system::error_code ec;
    address_v6 addr = make_address_v6(str, ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

address_v6 make_address_v6(const char* str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    address_v6::bytes_type bytes;
    unsigned long scope_id = 0;
    if (boost::asio::detail::socket_ops::inet_pton(
        BOOST_ASIO_OS_DEF(AF_INET6), str, &bytes[0], &scope_id, ec) <= 0)
        return address_v6();
    return address_v6(bytes, scope_id);
}

address_v6 make_address_v6(const std::string& str)
{
    return make_address_v6(str.c_str());
}

address_v6 make_address_v6(const std::string& str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT

```

```

{
return make_address_v6(str.c_str(), ec);
}

#if defined(BOOST_ASIO_HAS_STRING_VIEW)

address_v6 make_address_v6(string_view str)
{
return make_address_v6(static_cast<std::string>(str));
}

address_v6 make_address_v6(string_view str,
boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
return make_address_v6(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

address_v4 make_address_v4(
v4_mapped_t, const address_v6& v6_addr)
{
if (!v6_addr.is_v4_mapped())
{
bad_address_cast ex;
boost::asio::detail::throw_exception(ex);
}

address_v6::bytes_type v6_bytes = v6_addr.to_bytes();
address_v4::bytes_type v4_bytes = { { v6_bytes[12],
v6_bytes[13], v6_bytes[14], v6_bytes[15] } };
return address_v4(v4_bytes);
}

address_v6 make_address_v6(
v4_mapped_t, const address_v4& v4_addr)
{
address_v4::bytes_type v4_bytes = v4_addr.to_bytes();
address_v6::bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
0xFF, 0xFF, v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
return address_v6(v6_bytes);
}

} // namespace ip
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

```

```
#endif // BOOST_ASIO_IP_IMPL_ADDRESS_V6_IPP
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ip/impl/address_v6.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute_of.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/subcontext.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/has_attribute.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/move_to.hpp
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iterator.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/repetitive_view/detail/begin_impl.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/iterator_range/detail/at_impl.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/repetitive_view/detail/end_impl.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view.hpp  
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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/container/detail/function\_detector.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/function\_detector.hpp  
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```
/*=====
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result_type.hpp
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hof/detail/result\_type.hpp  
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```
/* Exception observers for outcome type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
File Created: Oct 2017
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_exception\_observers\_impl.hpp  
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```
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=====*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/apply.hpp  
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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/view/nview.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io/detail/buffer\_fill.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io/detail/ostream\_guard.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/scoped\_enum\_emulation.hpp

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+-----\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/design\_config.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/fold.hpp

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/\*!

@file

Forward declares `boost::hana::replace`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/replace.hpp

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@file

Defines `boost::hana::at` and `boost::hana::at\_c`.

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zip/1.75.0/include/boost/hana/at.hpp

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Found in path(s):

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zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/classic\_spirit.hpp

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```
/* *****  
# *  
# * (C) Copyright Edward Diener 2013.  
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# * http://www.boost.org/LICENSE\_1\_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/insert.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/remove.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/replace.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/tuple/pop\_back.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/tuple/pop\_front.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/tuple/push\_front.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/tuple/push\_back.hpp

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```
/*=====
```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/ignore.hpp

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```

```
/*
```

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*

\* The internal implementation of red-black trees is based on that of SGI STL

\* `stl_tree.h` file:

\*

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_ops.hpp

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```
/*=====
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```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics\_fwd.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::insert_range`.
```

```
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```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/insert\_range.hpp

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```
/* boost random/discrete_distribution.hpp header file
```

```
*/
```

```
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```

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```

```
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```

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```

```
*/
```

```
* See http://www.boost.org for most recent version including documentation.
```

\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/discrete\_distribution.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/dll/detail/pe\_info.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessor/range.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/preprocessor/is\_nullary.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/dynamic\_bitset/config.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/bimap/views/map\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/msvc\_eti\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/lambda\_arity\_param.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/repeated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/util/in\_range\_c.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/transform.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fiber/detail/decay\_copy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/opencvl/transpose.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/vector/aux\_/preprocessed/plain/vector10\_c.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/histogram/unlimited\_storage.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/property\_tree/detail/xml\_parser\_utils.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/modulus.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/error/digit\_expected.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/gcc/less.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/histogram/detail/safe\_comparison.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp11/impl/pop\_back.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/first\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/foldl\_reject\_incomplete.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/parameter/aux\_/set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/list\_hook.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/dmc/divides.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mp11/utility.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/bitxor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/include\_preprocessed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/order\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/inherit.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/map/aux\_/include\_preprocessed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/advance\_backward.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/metaparse/if.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/list/aux\_/pop\_front.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/metaparse/reject.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/sgtree.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/greater.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/unordered\_map\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ctps/advance\_backward.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/property\_tree/detail/xml\_parser\_writer\_settings.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/array\_initializer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/context/protected\_fixedsize\_stack.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc/apply\_wrap.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/geometry/strategy/spherical/envelope\_point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/spreadsort/float\_sort.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/metaparse/fail\_tag.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessor/repeat.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/vector/aux\_/preprocessed/plain/vector10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/aux\_/config/nttp.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/metaparse/v1/get\_position.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/bitxor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/aux\_/preprocessor/tuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/parameter/name.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/list/list10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/iterator\_tags.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/metaparse/look\_ahead.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/string/detail/replace\_storage.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/parameter/template\_keyword.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/msm/mpl\_graph/detail/adjacency\_list\_graph.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fiber/protected\_fixedsize\_stack.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/iter\_fold\_if.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/aux\_/range\_c/tag.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/transform\_error.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/vector/aux\_/preprocessed/typeof\_based/vector30\_c.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/dmc/and.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/property\_tree/detail/xml\_parser\_error.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/vector/aux\_/preprocessed/typeof\_based/vector10\_c.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/pack/tag\_deduced.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/one\_bit\_color\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/unordered\_multimap\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/set/aux\_/tag.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mpl/less.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/parent\_from\_member.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_detect\_platform.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc/not\_equal\_to.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/mpl/aux_/preprocessed/msvc70/reverse_fold_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/metaparse/v1/impl/assert_string_length.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/parameter/aux_/preprocessor/impl/for_each.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/mpl/aux_/preprocessed/no_ctps/map.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/mpl/aux_/preprocessed/gcc/set_c.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/null_observer.hpp
```

```
[begin_description]
null_observer
[end_description]
```

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\*/

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/integrate/null_observer.hpp
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```

```
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```
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_parser.hpp
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```

```
/*
[auto_generated]
```

boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

[begin\_description]

Default Integrate adaptive implementation.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_adaptive.hpp

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```
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```
=====*/
```

Found in path(s):

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_algebra\_dispatcher.hpp

[begin\_description]

algebra\_dispatcher specialization for thrust

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_algebra\_dispatcher.hpp

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@file

Defines `boost::hana::zero`.

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Found in path(s):

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Found in path(s):

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/as.hpp  
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mutable.h

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/argument.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/argument.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_fsal\_base.hpp

[begin\_description]

Base class for all explicit first-same-as-last Runge Kutta steppers.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_fsal\_base.hpp

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@file

Forward declares `boost::hana::all\_of`.

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\* Defines the overloaded function template

\* boost::iostreams::detail::execute\_all() and the function template

\* boost::iostreams::detail::execute\_foreach().

\*

\* execute\_all() invokes a primary operation and performs a sequence of cleanup

\* operations, returning the result of the primary operation if no exceptions

\* are thrown. If one of the operations throws an exception, performs the

\* remaining operations and rethrows the initial exception.

\*

\* execute\_foreach() is a variant of std::foreach which invokes a function

\* object for each item in a sequence, catching all exceptions and rethrowing

\* the first caught exception after the function object has been invoked on each

\* item.

\*/

Found in path(s):

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zip/1.75.0/include/boost/iostreams/detail/execute.hpp

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@file

Defines `boost::hana::value`.

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and

N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/string\_ref\_fwd.hpp

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@file

Adapts `std::integral\_constant` for use with Hana.

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zip/1.75.0/include/boost/hana/ext/std/integral\_constant.hpp

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unpack\_sequence.hpp

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[auto\_generated]

boost/numeric/odeint/external/compute/compute.hpp

[begin\_description]

includes all headers required for using odeint with Boost.Compute

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/compute/compute.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54\_classic.hpp

[begin\_description]

Classical implementation of the Runge-Kutta Cash-Karp 5(4) method.

[end\_description]

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/\* Boost interval/detail/test\_input.hpp file

\*

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zip/1.75.0/include/boost/numeric/interval/detail/test\_input.hpp  
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```
=====*/
```

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zip/1.75.0/include/boost/spirit/home/classic/dynamic/while.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/for.hpp  
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```
/*!  
@file  
Defines `boost::hana::replicate`.
```

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```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/repository/include/karma\_subrule.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/repository/include/karma\_nonterminal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/repository/include/qi\_subrule.hpp

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/\*!

@file

Defines `boost::hana::reverse\_partial`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/functional/reverse\_partial.hpp

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(glenjofe@gmail.com)

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\*/

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@file

Forward declares `boost::hana::reverse\_fold`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if\_ns\_so.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/stream/match\_manip\_attr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/auxiliary/attr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/binary/binary.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eoi.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/stream/match\_manip.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if\_ns.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eol.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/binary/binary.hpp

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@file

Defines `boost::hana::detail::first\_unsatisfied\_index`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/first\_unsatisfied\_index.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar.hpp

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/\*

\* [begin\_description]

\* Boost bind pull the placeholders, \_1, \_2, ... into global  
\* namespace. This can conflict with the C++03 TR1 and C++11  
\* std::placeholders. This header provides a workaround for  
\* this problem.

\* [end\_description]

\*

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\* \*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/bind.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/adaptive\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with adaptive step size. The dereferenced types contains also the time.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/adaptive\_time\_iterator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/state\_wrapper.hpp

[begin\_description]

State wrapper for the state type in all stepper. The state wrappers are responsible for construction, destruction, copying construction, assignment and resizing.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/state\_wrapper.hpp

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/\*!

@file

Defines the `BOOST\_HANA\_DEFINE\_STRUCT` macro.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/define\_struct.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/plus.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/expect.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/repeat.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/kleene.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/char\_class.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/optional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/detail/pass\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/alternative.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/no\_skip.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/sequence\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/parse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/operator/list.hpp

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```
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# * accompanying file LICENSE_1_0.txt or copy at
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# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_empty\_variadic.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/os/haiku.h

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

[begin\_description]

Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

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zip/1.75.0/include/boost/winapi/bcrypt.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/const\_step\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size. The dereferences types contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/iterator/const\_step\_time\_iterator.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/value\_size.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/utility/annotate\_on\_success.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/repository/home/qi/nonterminal/subrule.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::is_disjoint`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/is_disjoint.hpp
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/skip.hpp
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::type` and related utilities.
```

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/type.hpp

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/\*!

@file

Defines `boost::hana::reverse`.

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\*/

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/v2\_eval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/support/preprocessor/round.hpp

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/\*!

@file

Includes all the adaptors for the standard library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/std.hpp

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/polyfills/make\_index\_sequence.hpp  
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```
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+-----*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/infinity.hpp  
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```
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tap.h  
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hof/tap.hpp  
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```
/*!  
@file  
Defines `boost::hana::Comparable`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/concept/comparable.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/external/eigen/eigen.hpp
```

[begin\_description]  
tba.  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen.hpp  
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macros used:

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for  
the current include (^transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when  
BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for  
the current include (^noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if  
BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable_traits/detail/unguarded/function_ptr_varargs_3.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable_traits/detail/unguarded/function_ptr_3.hpp  
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```
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```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/hash.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/hash.hpp  
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```

```
/*!  
@file  
Defines `boost::hana::Hashable`.  
  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/hashable.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
* Copyright 2017 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/access_rights.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/access_rights.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]
```

boost/numeric/odeint/iterator/detail/n\_step\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/impl/n\_step\_iterator\_impl.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/compare/explicit.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/interval/compare/explicit.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random.hpp header file

\*

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\*

\* See <http://www.boost.org/libs/random> for documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 portability fixes (thanks to Beman Dawes)

\* 2000-02-21 shuffle\_output, inversive\_congruential\_schrage,

- \* generator\_iterator, uniform\_smallint
- \* 2000-02-23 generic modulus arithmetic helper, removed \*\_schrage classes,
- \* implemented Streamable and EqualityComparable concepts for
- \* generators, added Bernoulli distribution and Box-Muller
- \* transform
- \* 2000-03-01 cauchy, lognormal, triangle distributions; fixed
- \* uniform\_smallint; renamed gaussian to normal distribution
- \* 2000-03-05 implemented iterator syntax for distribution functions
- \* 2000-04-21 removed some optimizations for better BCC/MSVC compatibility
- \* 2000-05-10 adapted to BCC and MSVC
- \* 2000-06-13 incorporated review results
- \* 2000-07-06 moved basic templates from namespace detail to random
- \* 2000-09-23 warning removals and int64 fixes (Ed Brey)
- \* 2000-09-24 added lagged\_fibonacci generator (Matthias Troyer)
- \* 2001-02-18 moved to individual header files
- \*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random.hpp

No license file was found, but licenses were detected in source scan.

```

/*=====
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Copyright (c) 2010 Thomas Heller
Copyright (c) 2018 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/

```

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_20.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_40.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_10.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_eval\_result\_of.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_50.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of\_30.hpp

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// (C) Copyright Vicente J. Botet Escriba 2013-2017. Distributed under the Boost

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/detail/sync_queue_base.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/detail/sync_deque_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/iterator/n_step_time_iterator.hpp
```

```
[begin_description]
```

```
Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.
The dereferenced type contains also the time.
```

```
[end_description]
```

```
Copyright 2009-2013 Karsten Ahnert
```

```
Copyright 2009-2013 Mario Mulansky
```

```
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```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/n_step_time_iterator.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::take_back`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/take_back.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2004 Angus Leeming
```

```
Copyright (c) 2006 Daniel Wallin
```

```
Copyright (c) 2005 Dan Marsden
```

```
Copyright (c) 2007 Joel de Guzman
```

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```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/stl/algorithm.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::difference`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/difference.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/detail/unique\_lock.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/optional\_last\_value.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/detail/foreign\_ptr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/dummy\_mutex.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/connection.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/signals2/detail/null\_output\_iterator.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector10\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector20\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector30\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector40\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector50\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::members`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/members.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/page_protection_flags.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/page\_protection\_flags.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Exception observers for outcome type  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (3 commits)  
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_exception\_observers.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::all`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/all.hpp

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/\*!

@file

Defines `boost::hana::always`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/always.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/scanner.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****  
# * *  
# * (C) Copyright Paul Mensonides 2003.  
# * (C) Copyright Edward Diener 2014.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE\_1\_0.txt)  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_empty.hpp  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/constexpr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/itos.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines operators for Monads.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/operators/monad.hpp  
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```
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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/compute/random/threefry_engine.hpp
```

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```
/*
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/ptx.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/language/cuda.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/nvcc.h
```

No license file was found, but licenses were detected in source scan.

```
/*
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/typeof/constant.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/exchange.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/empty_value.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

=====

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Copyright (c) 2010 Thomas Heller

Copyright (c) 2014 John Fletcher

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/debug.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/debug.hpp

No license file was found, but licenses were detected in source scan.

//

// Copyright (c) 2016-2019 Vinnie Falco (vinnie dot falco at gmail dot com)

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//

// Official repository: <https://github.com/boostorg/beast>

//

#include <boost/beast/\_experimental/unit\_test/amount.hpp>

#include <boost/beast/\_experimental/unit\_test/dstream.hpp>

#include <boost/beast/\_experimental/unit\_test/global\_suites.hpp>

#include <boost/beast/\_experimental/unit\_test/match.hpp>

#include <boost/beast/\_experimental/unit\_test/reporter.hpp>

#include <boost/beast/\_experimental/unit\_test/suite.hpp>

#include <boost/config.hpp>

#include <cstdlib>

#include <iostream>

#include <vector>

#ifdef BOOST\_MSVC

# ifndef WIN32\_LEAN\_AND\_MEAN // VC\_EXTRALEAN

# define WIN32\_LEAN\_AND\_MEAN

# include <windows.h>

# undef WIN32\_LEAN\_AND\_MEAN

# else

# include <windows.h>

# endif

#endif

// Simple main used to produce stand

// alone executables that run unit tests.

int main(int ac, char const\* av[])

{

using namespace std;

using namespace boost::beast::unit\_test;

dstream log(std::cerr);

```

std::unitbuf(log);

#ifdef BOOST_MSVC
{
    int flags = _CrtSetDbgFlag(_CRTDBG_REPORT_FLAG);
    flags |= _CRTDBG_LEAK_CHECK_DF;
    _CrtSetDbgFlag(flags);
}
#endif

if(ac == 2)
{
    std::string const s{av[1]};
    if(s == "-h" || s == "--help")
    {
        log <<
            "Usage:\n"
            " " << av[0] << ": { <suite-name>... }" <<
            std::endl;
        return EXIT_SUCCESS;
    }
}

reporter r(log);
bool failed;
if(ac > 1)
{
    std::vector<selector> v;
    v.reserve(ac - 1);
    for(int i = 1; i < ac; ++i)
        v.emplace_back(selector::automatch, av[i]);
    auto pred =
        [&v](suite_info const& si) mutable
        {
            for(auto& p : v)
                if(p(si))
                    return true;
            return false;
        };
    failed = r.run_each_if(global_suites(), pred);
}
else
{
    failed = r.run_each(global_suites());
}
if(failed)
    return EXIT_FAILURE;
return EXIT_SUCCESS;

```

}

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/beast/\_experimental/unit\_test/main.ipp  
No license file was found, but licenses were detected in source scan.

```
/* boost/random/piecewise_constant_distribution.hpp header file
*
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_constant\_distribution.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/lib/cmake/Boost-1.75.0/BoostConfig.cmake  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/lib/cmake/BoostDetectToolset-1.75.0.cmake  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/math\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/chrono/detail/scan\_keyword.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
boost/numeric/odeint/stepper/detail/adaptive_adams_bashforth_moulton.hpp
```

[begin\_description]

Implementation of an adaptive adams bashforth moulton stepper.  
Used as the stepper for the controlled adams bashforth moulton stepper.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adaptive\_adams\_bashforth\_moulton.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::concat`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concat.hpp

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\*

\* This header is deprecated, use boost/winapi/dbghelp.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/dbghelp.hpp

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/\*=====

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reverse\_fold.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/reverse\_fold.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer.hpp

[begin\_description]

Implementation of the Burlish-Stoer method. As described in

Ernst Hairer, Syvert Paul Norsett, Gerhard Wanner

Solving Ordinary Differential Equations I. Nonstiff Problems.

Springer Series in Comput. Mathematics, Vol. 8, Springer-Verlag 1987, Second revised edition 1993.

[end\_description]

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Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer.hpp

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/\*

=====

BOOST\_PP\_VARIADICS version of BOOST\_PP\_IS\_SEQ inspired from  
boost/mpl/aux\_/preprocessor/is\_seq.hpp, original copyrights goes to :

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Copyright Aleksey Gurtovoy 2003-2004

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/struct/detail/preprocessor/is\_seq.hpp

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\*  
\* This header is deprecated, use boost/winapi/directory\_management.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/directory\_management.hpp  
No license file was found, but licenses were detected in source scan.

/\* boost random/detail/gray\_coded\_qrng.hpp header file

\*  
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\* accompanying file LICENSE\_1\_0.txt or copy at  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/detail/gray\_coded\_qrng.hpp  
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\*  
\* Copyright (c) 2009 Helge Bahmann  
\* Copyright (c) 2012 Tim Blechmann  
\* Copyright (c) 2014, 2019 Andrey Semashev  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_msvc\_common.hpp  
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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char_encoding/standard.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char_encoding/ascii.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char_encoding/iso8859_1.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/detail/pass_container.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char_encoding/standard_wide.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_rosenbrock4.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Rosenbrock4 method.

[end\_description]

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation_rosenbrock4.hpp
```

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\*

\* This header is deprecated, use boost/winapi/bcrypt.hpp instead.

\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/bcrypt.hpp
```

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/\*!

@file

Forward declares `boost::hana::is\_disjoint`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/is\_disjoint.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/error\_handling.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/core/nil.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/range\_run.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/attribute/parametric.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/symbols/symbols.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/config.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/symbols.hpp

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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind_member_variable.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind_member_function.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::group`.
```

```
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```

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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/group.hpp  
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```

```
/*
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx14/mismatch.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/all_of.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx14/equal.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/iota.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/copy_if.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/none_of.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/one_of.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::string`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/string.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/transform_view/detail/deref_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/filter_view/detail/next_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/transform_view/detail/value_of_impl.hpp
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```

```
/* boost random/student_t_distribution.hpp header file
*
* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/random/student_t_distribution.hpp
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```

```
/*
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*
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*
* This header is deprecated, use boost/winapi/critical_section.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/detail/winapi/critical_section.hpp
```

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```
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref\_data\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/value\_of\_data.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/value\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/deref\_data\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/key\_of.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/deref\_data\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/value\_of\_data.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/at\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_of\_data\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/deref\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/key\_of.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/deref\_data.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/basic\_iterator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/key\_of\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/deref\_data\_impl.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/filter_view/detail/value_of_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/set/detail/value_of_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/reverse_view/detail/deref_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/deref_data.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value_of_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/view/joint_view/detail/value_of_data_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 2006-2020 Joaquin M Lopez Munoz.
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* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org/libs/flyweight for library home page.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/flyweight/detail/flyweight_core.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/flyweight/detail/archive_constructed.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
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fix.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/fix.hpp
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```

```
/*!
@file
Forward declares `boost::hana::find`.
```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/find.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/pseudo\_attribute.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/equal\_to.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/less\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/greater.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/greater\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/not\_equal\_to.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/less.hpp

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/\* \*\*\*\*\*

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# \* accompanying file LICENSE\_1\_0.txt or copy at \*

```
# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is_maximum_number.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is_minimum_number.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is_1_number.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/maximum_number.hpp
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```

/\*

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/algorithm/is_partitioned_until.hpp
No license file was found, but licenses were detected in source scan.
```

/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/ode\_iterator\_base.hpp

[begin\_description]

Base class for const\_step\_iterator and adaptive\_iterator.

[end\_description]

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/detail/ode_iterator_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
 * Copyright 2017 Andrey Semashev
 *
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 * See http://www.boost.org/LICENSE\_1\_0.txt
 *
 * This header is deprecated, use boost/winapi/file_mapping.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/file_mapping.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
 @file
 Defines `boost::hana::experimental::type_name`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/hana/experimental/type_name.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
 @file
 Defines `boost::hana::repeat`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/repeat.hpp
```

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```
/*
 Copyright Barrett Adair 2016-2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/default\_callable\_traits.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2010 Christopher Schmidt
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Copyright (c) 2015 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/util/multi_array_adaption.hpp
```

```
[begin_description]
tba.
[end_description]
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/multi\_array\_adaption.hpp  
No license file was found, but licenses were detected in source scan.

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/utility/string\_literal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/detail/attachable\_sstream\_buf.hpp

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/\*!

@file

Defines `boost::hana::hash`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/hash.hpp

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arg.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/arg.hpp

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//

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//

// "A Replacement Call for Random"

// <https://man.openbsd.org/arc4random.3>

//

#include <cstddef>

#include <stdlib.h>

namespace boost {

```

namespace uuids {
namespace detail {

class random_provider_base
{
public:
    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        arc4random_buf(buf, siz);
    }
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_arc4random.ipp
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```

/\*

\*

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\*/

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/callable_traits/is_volatile_member.hpp
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```

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Copyright (c) 2006 Dan Marsden

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/view/zip_view.hpp

```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at\_key.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/join.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/value\_at\_key.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/swap.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/pair\_tie.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/advance\_impl.hpp  
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/\* Policies for result and outcome

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File Created: Oct 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/policy/outcome\_exception\_ptr\_rethrow.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/optional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/tuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/range.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_ipc\_message\_queue\_backend.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/compare/lexicographic.hpp template implementation file

\*

\* Copyright 2002-2003 Guillaume Melquiond

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/lexicographic.hpp

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/\*!

@file

Forward declares `boost::hana::unfold\_left`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/unfold\_left.hpp

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# \*

\*

# \*\*\*\*\* \*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/is\_begin\_parens.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/punctuation/detail/is\_begin\_parens.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/facilities/detail/is\_empty.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/punctuation/remove\_parens.hpp

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```
/*=====
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reveal.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/reveal.hpp

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/\* boost random/variante\_generator.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/variante\_generator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/max\_step\_checker.hpp

[begin\_description]

Throws exception if too many steps are performed.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/max\_step\_checker.hpp

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/\*!

@file

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/is\_empty.hpp

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/\*!

@file

Forward declares `boost::hana::hash`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/hash.hpp

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/\*!

@file

Forward declares `boost::hana::or\_`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/or.hpp

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```
/*!  
@file  
Forward declares `boost::hana::greater`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/greater.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
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Copyright (c) 2014 Lee Clagett
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/seek.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::Comonad`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/comonad.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
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http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/other/workaround.h
```

No license file was found, but licenses were detected in source scan.

/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/windows\_uwp.h  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/windows\_system.h  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/windows\_server.h  
No license file was found, but licenses were detected in source scan.

/\*!

@file  
Defines `boost::hana::detail::variadic::drop\_into`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/drop\_into.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file  
Defines `boost::hana::Searchable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/searchable.hpp  
No license file was found, but licenses were detected in source scan.

/\*

=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

=====\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/macro\_helpers.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/filesystem\_compatibility.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_ifblock.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cplexer/token\_cache.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cplexer/cplexer\_exceptions.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/transform\_iterator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_grammar\_gen.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_intlit\_grammar.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar\_gen.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_literal\_grammar\_gen.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_value.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_grammar.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/iteration\_context.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar\_gen.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar\_gen.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cpp\_throw.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_grammar.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/functor\_input.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cpp\_exceptions.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/macro\_definition.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/preprocessing\_hooks.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_chlit\_grammar.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/time\_conversion\_helper.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_include\_paths.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/interpret\_pragma.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/symbol\_table.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/grammars/cpp\_value\_error.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2014 Joel de Guzman
Copyright (c) 2001-2011 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/plus.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/detail/cast\_char.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/transform\_attribute.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/optional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/kleene.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/list.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/integrate/detail/integrate_adaptive.hpp
```

```
[begin_description]
Default Integrate adaptive implementation.
[end_description]
```

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Copyright 2011-2015 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx14/is\_permutation.hpp

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/\*!

@file

Defines `boost::hana::comparing`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/comparing.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_array/algorithm.hpp

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/\* boost random/detail/iterator\_mixin.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* Revision history

\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/detail/iterator_mixin.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/support_info.hpp
```

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```
/* A less simple result type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
File Created: June 2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/std\_outcome.hpp

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// (C) Copyright Ion Gaztanaga 2005-2012. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/sync/interprocess\_sharable\_mutex.hpp

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/\* A less simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (1 commit)

File Created: June 2017

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/outcome.hpp

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/\* boost random/detail/ptr\_helper.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/ptr\_helper.hpp  
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/\*!

@file

Forward declares `boost::hana::default_`` and `boost::hana::is_default``.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/default.hpp  
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/\*\*

\* `_*- c++ -*-`

\*

\* `\file iterator_type.hpp`

\*

\* `\brief` Iterator to a given container type.

\*

\* Copyright (c) 2009, Marco Guazzone

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* `\author` Marco Guazzone, [marco.guazzone@gmail.com](mailto:marco.guazzone@gmail.com)

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/traits/iterator\_type.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2012. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/variadic_seq_to_seq.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*-----  
Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2011 Jan Frederick Eick  
  
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)  
-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/numeric_utils.hpp  
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```

```
/* boost random/lognormal_distribution.hpp header file  
*  
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* Copyright Steven Watanabe 2011  
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* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE_1_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*  
* Revision history  
* 2001-02-18 moved to individual header files  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/lognormal_distribution.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/euler.hpp
```

```
[begin_description]
Implementation of the classical explicit Euler stepper. This method is really simple and should only
be used for demonstration purposes.
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/euler.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/algebra/fusion_algebra.hpp
```

```
[begin_description]
Algebra for boost::fusion sequences.
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/fusion\_algebra.hpp  
No license file was found, but licenses were detected in source scan.

```
/*-----+
Copyright (c) 2009-2009: Joachim Faulhaber
+-----+
```

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/concept\_check.hpp

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/\* boost uuid/detail/random\_provider\_posix implementation

\*

\* Copyright Jens Maurer 2000

\* Copyright 2007 Andy Tompkins.

\* Copyright Steven Watanabe 2010-2011

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/uuid/detail/random\_provider\_posix.hpp

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\*

\* This header is deprecated, use boost/winapi/basic\_types.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/basic\_types.hpp

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/\*!

@file

Defines `boost::hana::detail::CanonicalConstant`.`

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/canonical\_constant.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_fehlberg78.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Fehlberg 78 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_fehlberg78.hpp

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/\* boost random/linear\_congruential.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/linear\_congruential.hpp

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/\*!

@file

Defines an equivalent to the proposed `std::void_t`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/void\_t.hpp  
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```
/*=====
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/io/detail/manip.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/rbtree\_algorithms.hpp  
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```
/*!
@file
Defines `boost::hana::at_key`.
```

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@copyright Jason Rice 2017  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/at\_key.hpp  
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```
/*=====
Copyright (c) 2003 Hartmut Kaiser
Copyright (c) 2003 Joel de Guzman
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def.hpp  
No license file was found, but licenses were detected in source scan.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/parser\_id.hpp  
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/\*!

@file  
Defines `boost::hana::greater\_equal`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/greater\_equal.hpp  
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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/icl/concept/interval\_associator\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_increasing.hpp  
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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/fixed\_size\_queue.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/external/compute/compute_resize.hpp
```

```
[begin_description]
Enable resizing for Boost.Compute vector
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_resize.hpp  
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```
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```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/version.hpp  
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```
/*!
@file
Forward declares `boost::hana::set`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/set.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Forward declares `boost::hana::pair`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/pair.hpp  
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/\*!  
@file  
Forward declares `boost::hana::slice` and `boost::hana::slice\_c`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/slice.hpp  
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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/pair.hpp  
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```
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*/
```

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/intel.h
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```

```
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```

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/deque.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/flat_map.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/allocators/detail/allocator_common.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/vector.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/containers/list.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/version_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/variadic_templates_tools.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/containers/pair.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/containers/map.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/containers/set.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/stable_vector.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/flat_set.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/allocation_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/managed_xsi_shared_memory.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/containers/string.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/containers/slist.hpp
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```

```
/*=====
```

```
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```

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/numeric\_utils.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_base\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/split\_interval\_map.hpp  
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/\*

[auto\_generated]  
boost/numeric/odeint/integrate/integrate.hpp

[begin\_description]  
Convenience methods which choose the stepper for the current ODE.  
[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/position\_iterator.hpp  
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\*  
\* This header is deprecated, use boost/winapi/init\_once.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/init\_once.hpp  
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simplexml.cpp

Spirit V1.3  
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zip/1.75.0/include/boost/archive/impl/basic\_xml\_grammar.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_assoc\_struct\_named.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/define\_struct.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/define\_struct.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/define\_assoc\_struct.hpp

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\*

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/allocator\_utilities.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_mean.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_median.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/median.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_sum.hpp

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/\*!

@file

Defines `boost::hana::mult`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/mult.hpp

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```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/returns.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/move/detail/pointer\_element.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/limits/local\_512.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_512.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/enum.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/debug.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_512.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iterate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/debug/line.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/replace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_256.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/repeat.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/def.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/remove.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/fold\_right\_512.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/dec.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/reverse4.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/slot3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/pop\_front.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/reverse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/shared.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/enum\_shifted.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/enum_256.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/logical/bitxor.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::replicate`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/replicate.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::any_of`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/any_of.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/external/vexcl/vexcl_copy.hpp
```

```
[begin_description]  
copy_impl specializations for vexcl  
[end_description]
```

```
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Copyright 2009-2011 Mario Mulansky
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_copy.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/subrule\_context.hpp

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/\*!

@file

Forward declares `boost::hana::map`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/map.hpp

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/\*\*

\* -\*- c++ -\*-

\*

\* \file tags.hpp

\*

\* \brief Tags.

\*

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\*

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```
*  
* \author Marco Guazzone, marco.guazzone@gmail.com  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/tags.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/detail/rotating_buffer.hpp
```

```
[begin_description]
```

Implementation of a rotating (cyclic) buffer for use in the Adam Bashforth stepper

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/rotating_buffer.hpp
```

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```
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// sell copies of the Software, and to permit persons to whom the  
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// included in all copies or substantial portions of the Software.  
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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/write_dimacs.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/graph/boykov_kolmogorov_max_flow.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::at_key`.
```

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/at\_key.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/io/in.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/normal_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2010-2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/normal\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::power`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/power.hpp

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```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2002-2011. *  
# * (C) Copyright Edward Diener 2011. *  
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# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/facilities.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_128.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/to\_seq.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/library.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_64.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/seq.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_256.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
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Copyright Franz Detro 2014  
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http://www.boost.org/LICENSE_1_0.txt)  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/macos.h  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os.h  
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```
/*=====
```

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/char/char.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/string/lit.hpp

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/\*!

@file

Defines `boost::hana::on`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/on.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_euler.hpp

[begin\_description]

Implementation of the symplectic Euler for separable Hamiltonian systems.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_euler.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/debug\_node.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/numeric\_traits.hpp  
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/\*!

@file

Defines `boost::hana::extract`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/extract.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/extract\_int.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/numeric/uint.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]  
boost/numeric/odeint/stepper/base/symplectic\_rkn\_stepper\_base.hpp

[begin\_description]  
Base class for symplectic Runge-Kutta-Nystrom steppers.  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/symplectic\_rkn\_stepper\_base.hpp  
No license file was found, but licenses were detected in source scan.

/\*  
[auto\_generated]  
boost/numeric/odeint/external/compute/compute\_algebra\_dispatcher.hpp

[begin\_description]  
algebra\_dispatcher specialization for Boost.Compute  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_algebra\_dispatcher.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/sequence.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/sync/spin/wait.hpp

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/\* boost random/detail/signed\_unsigned\_tools.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/random/detail/signed\_unsigned\_tools.hpp

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/\* boost nondet\_random.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 Portability fixes (thanks to Beman Dawes)

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/nondet\_random.hpp

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/\*!

@file

Defines `boost::hana::keys`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/keys.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/node\_handle.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/is\_sorted.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/version.hpp

[begin\_description]

Defines the current version of odeint.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/version.hpp

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//

// Copyright (c) 2019 Vinnie Falco (vinnie.falco@gmail.com)

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//

// Official repository: <https://github.com/boostorg/json>

//

#ifndef BOOST\_JSON\_DETAIL\_IMPL\_STRING\_IMPL\_IPP

```
#define BOOST_JSON_DETAIL_IMPL_STRING_IMPL_IPP
```

```
#include <boost/json/detail/string_impl.hpp>
```

```
#include <boost/json/detail/except.hpp>
```

```
#include <cstring>
```

```
#include <functional>
```

```
BOOST_JSON_NS_BEGIN
```

```
namespace detail {
```

```
inline
```

```
bool
```

```
ptr_in_range(
```

```
    const char* first,
```

```
    const char* last,
```

```
    const char* ptr) noexcept
```

```
{
```

```
    return std::less<const char*>(ptr, last) &&
```

```
        std::greater_equal<const char*>(ptr, first);
```

```
}
```

```
string_impl::
```

```
string_impl() noexcept
```

```
{
```

```
    s_.k = short_string_;
```

```
    s_.buf[sbo_chars_] =
```

```
        static_cast<char>(
```

```
            sbo_chars_);
```

```
    s_.buf[0] = 0;
```

```
}
```

```
string_impl::
```

```
string_impl(
```

```
    std::size_t size,
```

```
    storage_ptr const& sp)
```

```
{
```

```
    if(size <= sbo_chars_)
```

```
    {
```

```
        s_.k = short_string_;
```

```
        s_.buf[sbo_chars_] =
```

```
            static_cast<char>(
```

```
                sbo_chars_ - size);
```

```
        s_.buf[size] = 0;
```

```
    }
```

```
    else
```

```
    {
```

```
        s_.k = kind::string;
```

```
        auto const n = growth(
```

```

        size, sbo_chars_ + 1);
    p_.t = ::new(sp->allocate(
        sizeof(table) +
        n + 1,
        alignof(table))) table{
        static_cast<
            std::uint32_t>(size),
        static_cast<
            std::uint32_t>(n)};
    data()[n] = 0;
}
}

```

// construct a key, unchecked

string\_impl::

string\_impl(

key\_t,

string\_view s,

storage\_ptr const& sp)

{

BOOST\_ASSERT(

s.size() <= max\_size());

k\_.k = key\_string\_;

k\_.n = static\_cast<

std::uint32\_t>(s.size());

k\_.s = reinterpret\_cast<char\*>(

sp->allocate(s.size() + 1,

alignof(char));

k\_.s[s.size()] = 0; // null term

std::memcpy(&k\_.s[0],

s.data(), s.size());

}

// construct a key, unchecked

string\_impl::

string\_impl(

key\_t,

string\_view s1,

string\_view s2,

storage\_ptr const& sp)

{

auto len = s1.size() + s2.size();

BOOST\_ASSERT(len <= max\_size());

k\_.k = key\_string\_;

k\_.n = static\_cast<

std::uint32\_t>(len);

k\_.s = reinterpret\_cast<char\*>(

sp->allocate(len + 1,

```

        alignof(char));
k_.s[len] = 0; // null term
std::memcpy(&k_.s[0],
            s1.data(), s1.size());
std::memcpy(&k_.s[s1.size()],
            s2.data(), s2.size());
}

std::uint32_t
string_impl::
growth(
    std::size_t new_size,
    std::size_t capacity)
{
    if(new_size > max_size())
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // growth factor 2
    if( capacity >
        max_size() - capacity)
        return static_cast<
            std::uint32_t>(max_size()); // overflow
    return static_cast<std::uint32_t>(
        (std::max)(capacity * 2, new_size));
}

char*
string_impl::
assign(
    std::size_t new_size,
    storage_ptr const& sp)
{
    if(new_size > capacity())
    {
        string_impl tmp(growth(
            new_size,
            capacity()), sp);
        destroy(sp);
        *this = tmp;
    }
    term(new_size);
    return data();
}

char*
string_impl::
append(

```

```

std::size_t n,
storage_ptr const& sp)
{
if(n > max_size() - size())
    detail::throw_length_error(
        "string too large",
        BOOST_CURRENT_LOCATION);
if(n <= capacity() - size())
{
    term(size() + n);
    return end() - n;
}
string_impl tmp(growth(
    size() + n, capacity()), sp);
std::memcpy(
    tmp.data(), data(), size());
tmp.term(size() + n);
destroy(sp);
*this = tmp;
return end() - n;
}

void
string_impl::
insert(
    std::size_t pos,
    const char* s,
    std::size_t n,
    storage_ptr const& sp)
{
const auto curr_size = size();
if(pos > curr_size)
    detail::throw_out_of_range(
        BOOST_CURRENT_LOCATION);
const auto curr_data = data();
if(n <= capacity() - curr_size)
{
const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
if (!inside || (inside && ((s - curr_data) + n <= pos)))
{
std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
std::memcpy(&curr_data[pos], s, n);
}
else
{
const std::size_t offset = s - curr_data;
std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
if (offset < pos)

```

```

    {
        const std::size_t diff = pos - offset;
        std::memcpy(&curr_data[pos], &curr_data[offset], diff);
        std::memcpy(&curr_data[pos + diff], &curr_data[pos + n], n - diff);
    }
    else
    {
        std::memcpy(&curr_data[pos], &curr_data[offset + n], n);
    }
}
size(curr_size + n);
}
else
{
    if(n > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    string_impl tmp(growth(
        curr_size + n, capacity()), sp);
    tmp.size(curr_size + n);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n,
        curr_data + pos,
        curr_size + 1 - pos);
    std::memcpy(
        tmp.data() + pos,
        s,
        n);
    destroy(sp);
    *this = tmp;
}
}

```

```

char*
string_impl::
insert_unchecked(
    std::size_t pos,
    std::size_t n,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(

```

```

        BOOST_CURRENT_LOCATION);
const auto curr_data = data();
if(n <= capacity() - size())
{
    auto const dest =
        curr_data + pos;
    std::memmove(
        dest + n,
        dest,
        curr_size + 1 - pos);
    size(curr_size + n);
    return dest;
}
if(n > max_size() - curr_size)
    detail::throw_length_error(
        "string too large",
        BOOST_CURRENT_LOCATION);
string_impl tmp(growth(
    curr_size + n, capacity(), sp));
tmp.size(curr_size + n);
std::memcpy(
    tmp.data(),
    curr_data,
    pos);
std::memcpy(
    tmp.data() + pos + n,
    curr_data + pos,
    curr_size + 1 - pos);
destroy(sp);
*this = tmp;
return data() + pos;
}

void
string_impl::
replace(
    std::size_t pos,
    std::size_t n1,
    const char* s,
    std::size_t n2,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if (pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    n1 = (std::min)(n1, curr_size - pos);

```

```

const auto delta = (std::max)(n1, n2) -
    (std::min)(n1, n2);
// if we are shrinking in size or we have enough
// capacity, dont reallocate
if (n1 > n2 || delta <= capacity() - curr_size)
{
    const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
    // there is nothing to replace; return
    if (inside && s == curr_data + pos && n1 == n2)
        return;
    if (!inside || (inside && ((s - curr_data) + n2 <= pos)))
    {
        // source outside
        std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
        std::memcpy(&curr_data[pos], s, n2);
    }
    else
    {
        // source inside
        const std::size_t offset = s - curr_data;
        if (n2 >= n1)
        {
            // grow/unchanged
            const std::size_t diff = offset <= pos + n1 ? (std::min)((pos + n1) - offset, n2) : 0;
            // shift all right of splice point by n2 - n1 to the right
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
            // copy all before splice point
            std::memmove(&curr_data[pos], &curr_data[offset], diff);
            // copy all after splice point
            std::memmove(&curr_data[pos + diff], &curr_data[(offset - n1) + n2 + diff], n2 - diff);
        }
        else
        {
            // shrink
            // copy all elements into place
            std::memmove(&curr_data[pos], &curr_data[offset], n2);
            // shift all elements after splice point left
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
        }
    }
    size((curr_size - n1) + n2);
}
else
{
    if (delta > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
}

```

```

// would exceed capacity, reallocate
string_impl tmp(growth(
    curr_size + delta, capacity(), sp);
tmp.size(curr_size + delta);
std::memcpy(
    tmp.data(),
    curr_data,
    pos);
std::memcpy(
    tmp.data() + pos + n2,
    curr_data + pos + n1,
    curr_size - pos - n1 + 1);
std::memcpy(
    tmp.data() + pos,
    s,
    n2);
destroy(sp);
*this = tmp;
}
}

// unlike the replace overload, this function does
// not move any characters
char*
string_impl::
replace_unchecked(
    std::size_t pos,
    std::size_t n1,
    std::size_t n2,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    const auto delta = (std::max)(n1, n2) -
        (std::min)(n1, n2);
    // if the size doesn't change, we don't need to
    // do anything
    if (!delta)
        return curr_data + pos;
    // if we are shrinking in size or we have enough
    // capacity, dont reallocate
    if(n1 > n2 || delta <= capacity() - curr_size)
    {
        auto const replace_pos = curr_data + pos;
        std::memmove(

```

```

        replace_pos + n2,
        replace_pos + n1,
        curr_size - pos - n1 + 1);
    size((curr_size - n1) + n2);
    return replace_pos;
}
if(delta > max_size() - curr_size)
    detail::throw_length_error(
        "string too large",
        BOOST_CURRENT_LOCATION);
// would exceed capacity, reallocate
string_impl tmp(growth(
    curr_size + delta, capacity()), sp);
tmp.size(curr_size + delta);
std::memcpy(
    tmp.data(),
    curr_data,
    pos);
std::memcpy(
    tmp.data() + pos + n2,
    curr_data + pos + n1,
    curr_size - pos - n1 + 1);
destroy(sp);
*this = tmp;
return data() + pos;
}

```

```

void
string_impl::
shrink_to_fit(
    storage_ptr const& sp) noexcept
{
    if(s_.k == short_string_)
        return;
    auto const t = p_.t;
    if(t->size <= sbo_chars_)
    {
        s_.k = short_string_;
        std::memcpy(
            s_.buf, data(), t->size);
        s_.buf[sbo_chars_] =
            static_cast<char>(
                sbo_chars_ - t->size);
        s_.buf[t->size] = 0;
        sp->deallocate(t,
            sizeof(table) +
            t->capacity + 1,
            alignof(table));
    }
}

```

```

    return;
}
if(t->size >= t->capacity)
    return;
#ifndef BOOST_NO_EXCEPTIONS
    try
    {
#endif
        string_impl tmp(t->size, sp);
        std::memcpy(
            tmp.data(),
            data(),
            size());
        destroy(sp);
        *this = tmp;
#ifndef BOOST_NO_EXCEPTIONS
    }
    catch(std::exception const&)
    {
        // eat the exception
    }
#endif
}

} // detail
BOOST_JSON_NS_END

#endif

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/impl/string\_impl.hpp

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\*

\* This header is deprecated, use boost/winapi/thread\_pool.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/thread\_pool.hpp

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@file

Forward declares `boost::hana::common` and `boost::hana::common\_t`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/common.hpp

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\*

\* This header is deprecated, use boost/winapi/system.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/system.hpp

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@file

Forward declares `boost::hana::zip\_shortest\_with`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/zip\_shortest\_with.hpp

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@file

Forward declares `boost::hana::empty`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/empty.hpp

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```
/*=====
Copyright (c) 2015 Paul Fultz II
capture.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/capture.hpp

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```
/*
* Copyright 2016 Klemens D. Morgenstern
*
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* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/jobs.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/handle\_info.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/winapi/get\_system\_directory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/shell.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/environment.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/show\_window.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/overlapped.hpp

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```
/* boost random/triangle_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/triangle\_distribution.hpp  
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```
/*=====
Copyright (c) 2001-2007 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/value\_at.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/io.hpp  
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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Copyright (c) 2001 Daniel C. Nuffer
Copyright (c) 2001-2013 Hartmut Kaiser.
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

This is a lexer conforming to the Standard with a few exceptions.
So it does allow the '$' to be part of identifiers. If you need strict
Standards conforming behaviour, please include the lexer definition
provided in the file strict_cpp.re.

TODO:
    handle errors better.
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re.inc  
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```
/*
[auto_generated]
boost/numeric/odeint/stepper/implicit_euler.hpp

[begin_description]
Implementation of the implicit Euler method. Works with ublas::vector as state type.
[end_description]
```

Copyright 2010-2012 Mario Mulansky  
Copyright 2010-2012 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/implicit\_euler.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/alignment\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/detail/integral\_constant.hpp  
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/\* boost random/binomial\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/binomial\_distribution.hpp  
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@file

Defines generally useful preprocessor macros.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/preprocessor.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta4\_classic.hpp

[begin\_description]

Implementation for the classical Runge Kutta stepper.

[end\_description]

Copyright 2010-2013 Karsten Ahnert

Copyright 2010-2013 Mario Mulansky

Copyright 2012 Christoph Koke

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

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\*

\* This header is deprecated, use boost/winapi/srw\_lock.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/srw\_lock.hpp

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Revision history:

2 Dec 2014 mtc First version; power

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/algorithm.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/filter/grep.hpp

\* Date: Mon May 26 17:48:45 MDT 2008

\* Copyright: 2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the class template basic\_grep\_filter and its specializations

\* grep\_filter and wgrep\_filter.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/filter/grep.hpp

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Authors: Jaakko Jarvi (jajarvi at osl.iu.edu)

Jeremiah Willcock (jewillco at osl.iu.edu)

Andrew Lumsdaine (lums at osl.iu.edu)

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/enable\_if.hpp

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/\* boost random/detail/sobol\_table.hpp header file

\*

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/sobol\_table.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/transformation/remove\_if.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/unused.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/filter\_view/filter\_view\_iterator.hpp

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@file

Defines `boost::hana::detail::type\_foldl1`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/type\_foldl1.hpp

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/\*!

@file

Defines `boost::hana::detail::wrong`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/wrong.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/pool\_resource.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/string.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/set.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/block\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/devector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/flat\_set.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/memory\_resource.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/small\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/resource\_adaptor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/pool\_options.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/deque.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/flat\_map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/global\_resource.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/unsynchronized\_pool\_resource.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/scoped\_allocator\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/dlmalloc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/stable\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/polymorphic\_allocator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/small\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/uses\_allocator\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/intrusive/detail/tree\_value\_compare.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/slist.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/pmr/synchronized\_pool\_resource.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/block\_slist.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/pmr/monotonic\_buffer\_resource.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/dispatch\_uses\_allocator.hpp  
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/\* Boost interval/detail/interval\_prototype.hpp file  
\*  
\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/interval\_prototype.hpp  
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\*  
\* This header is deprecated, use boost/winapi/synchronization.hpp instead.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/synchronization.hpp  
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/\* Boost interval/arith.hpp template implementation file  
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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/arith.hpp

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```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hof/detail/remove\_rvalue\_reference.hpp

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```
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# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/to\_list\_msvc.hpp

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/algorithm/query/find.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/single\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/single\_view\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/value\_of\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/find\_if.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/begin\_impl.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/detail/extract\_int.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_op\_status.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/exception\_list.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/config/inline\_namespace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/parallel/v1/exception\_list.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/parallel/v2/inline\_namespace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_views.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/parallel/v1/inline\_namespace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/deque\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/thread/concurrent\_queues/queue\_views.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/experimental/task\_region.hpp  
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```
/*!  
@file  
Defines `boost::hana::ordering`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ordering.hpp  
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```
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```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/view/nview/nview.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/nview\_iterator.hpp  
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```
/* Error observers for a very simple basic_result type  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)  
File Created: Oct 2017
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_result\_error\_observers.hpp  
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@file

Forward declares `boost::hana::remove\_range` and `boost::hana::remove\_range\_c`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/remove\_range.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility.hpp  
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@file

Forward declares `boost::hana::Searchable`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/searchable.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_base.hpp

[begin\_description]

Base class for all explicit Runge Kutta stepper which are also error steppers.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_base.hpp  
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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/factory\_tag.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/holder\_tag.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/simple\_locking.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/no\_tracking\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/set\_factory\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/assoc\_container\_factory\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/no\_locking.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/intermodule\_holder\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/key\_value\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/hashed\_factory\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/no\_locking\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/no\_tracking.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/tracking\_tag.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/locking\_tag.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/simple\_locking\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/detail/value\_tag.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/refcounted\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/static\_holder\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/tag.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_resize.hpp

[begin\_description]

Enable resizing for vexcl vector and multivector.

[end\_description]

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```
/* Proposed SG14 status_code  
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)  
File Created: Jun 2018
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/errored_status_code.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE\_1\_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/memory.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/memory.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2010 Vicente J. Botet Escriba
* Copyright 2014 Renato Tegen Forti, Antony Polukhin
* Copyright 2015, 2020 Andrey Semashev
* Copyright 2015 Antony Polukhin
*
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* See http://www.boost.org/LICENSE\_1\_0.txt
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/dll.hpp

No license file was found, but licenses were detected in source scan.

```
/* *****
# *
# * (C) Copyright Paul Mensonides 2002-2011. *
# * (C) Copyright Edward Diener 2011-2020. *
# * Distributed under the Boost Software License, Version 1.0. (See *
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE\_1\_0.txt) *
# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/config/config.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::maximum`.
```

@copyright Louis Dionne 2013-2017

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/maximum.hpp

No license file was found, but licenses were detected in source scan.

```
/*
Copyright 2002 Daryle Walker
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io\_fwd.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::zip\_shortest\_with`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/zip\_shortest\_with.hpp

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/\*!

@file

Forward declares `boost::hana::to` and related utilities.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/to.hpp

No license file was found, but licenses were detected in source scan.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/stack\_backtrace.hpp

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/\*=====

Copyright (c) 2001-2003 Daniel Nuffer

Copyright (c) 2003 Giovanni Bajo

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/iterator.hpp

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/\*!

@file

Defines `boost::hana::detail::has\_[nontrivial\_]common\_embedding`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/detail/has\_common\_embedding.hpp

No license file was found, but licenses were detected in source scan.

/\* \*\*\*\*\*

# \*

\*

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\*

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\*

# \*

\*

# \*\*\*\*\* \*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/to\_seq.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_256.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/to\_array.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/array/to\_seq.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/array/to\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/elem.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/to\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_64.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/to\_array.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/limits/elem\_64.hpp



zip/1.75.0/include/boost/fusion/container/deque/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_forward\_ctor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/keyed\_element.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_keyed\_values\_call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2003 Joel de Guzman
Copyright (c) 2002-2003 Martin Wille
Copyright (c) 2003 Hartmut Kaiser
http://spirit.sourceforge.net/
```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/grammar.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/algorithm.hpp  
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/\*!

@file

Defines `boost::hana::drop\_front`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/drop\_front.hpp  
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/\*!

@file

Forward declares `boost::hana::Hashable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/hashable.hpp  
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/\*!

@file

Forward declares `boost::hana::eval`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/eval.hpp

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```
/* Multiply indexed container.  
*  
* Copyright 2003-2020 Joaquin M Lopez Munoz.  
* Distributed under the Boost Software License, Version 1.0.  
* (See accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org/libs/multi\_index for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi_index_container.hpp
```

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```
/*=====
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/raw.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/with.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::experimental::types`.  
  
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/experimental/types.hpp
```

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```
/*  
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* Copyright (c) 2014 Andrey Semashev
```

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/capabilities.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/cas\_based\_exchange.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/extending\_cas\_based\_arithmetic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/int\_sizes.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/capabilities.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/core\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/core\_ops\_cas\_based.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/core\_operations.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the predefined macros

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_macromap\_predef.hpp

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@file

Forward declares `boost::hana::power`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/power.hpp

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```
/*
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 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/null_deleter.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
 Copyright (c) 2001-2010 Joel de Guzman
 Copyright (c) 2010-2011 Thomas Heller

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 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_10.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_30.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_40.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_40.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_30.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_10.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_20.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_20.hpp
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```

```
/*!
 @file
 Defines `boost::hana::detail::variadic::split_at`.
```

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/split\_at.hpp

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/\*!

@file

Defines `boost::hana::detail::index\_if`.

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@copyright Jason Rice 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/index\_if.hpp

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/\*

@file remove\_noexcept

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/callable\_traits/remove\_noexcept.hpp

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// (C) Copyright Ion Gaztanaga 2006-2014. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/smart\_ptr/unique\_ptr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/make\_unique.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/utility/sfinae.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/parser.hpp

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// Derived from a public domain implementation written by Daniel Casimiro.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/local/detail/endpoint.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/local/basic\_endpoint.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/asio/local/detail/impl/endpoint.ipp

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/\* boost random/detail/disable\_warnings.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/random/detail/disable\_warnings.hpp

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/\*!

@file

Forward declares `boost::hana::when` and `boost::hana::when\_valid`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/when.hpp

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```
/*=====
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flip.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/flip.hpp

No license file was found, but licenses were detected in source scan.

```
/*-----+
Copyright (c) 2007-2011: Joachim Faulhaber
+-----+
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http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/set.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::IntegralConstant`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/integral\_constant.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::Functor`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/functor.hpp

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/\*!

@file

Forward declares `boost::hana::fuse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/fuse.hpp

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=====  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/in.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/out.hpp

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/\*!

@file

Forward declares `boost::hana::equal`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/equal.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/heap\_memory.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/event.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/mutex.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility/loops.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_thread\_times.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/get\_thread\_times.hpp

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/\*!

@file

Defines the barebones `boost::hana::integral_constant` template, but no operations on it.

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/integral_constant.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::remove_if`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove_if.hpp
```

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```
/*=====
```

```
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```

```
http://spirit.sourceforge.net/
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non_terminal/impl/static.hpp
```

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```
/* Finaliser for a very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)
```

```
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_result\_final.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/flush\_multi\_pass.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/util/unwrap\_reference.hpp

[begin\_description]  
unwrap\_reference  
[end\_description]

Copyright 2012-2013 Karsten Ahnert  
Copyright 2012-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/unwrap\_reference.hpp  
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/\*!

@file

Defines `boost::hana::is\_subset`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/is\_subset.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/modified\_midpoint.hpp

[begin\_description]

Modified midpoint method for the use in Burlish-Stoer stepper.

[end\_description]

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Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/modified\_midpoint.hpp  
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pipable.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/pipable.hpp

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/\*!

@file

Defines `boost::hana::remove\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/remove\_if.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/container\_fwd.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/accumulators/value\_accumulator.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/index\_node\_base.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/ignore\_wstrict\_aliasing.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/restore\_wstrict\_aliasing.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_set.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Forward declares `boost::hana::Orderable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/orderable.hpp  
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/\*!  
@file  
Forward declares `boost::hana::tuple`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/tuple.hpp  
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\*  
\* This header is deprecated, use boost/winapi/handle\_info.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/handle\_info.hpp  
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```
/* Boost interval/limits.hpp template implementation file
*
* Copyright 2000 Jens Maurer
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/limits.hpp  
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```
/*!
@file
Defines `boost::hana::span`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/span.hpp  
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```
/*
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```

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Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin  
<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>  
Updated July 2015 to reflect the Library Fundamentals TS  
<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/string\_view\_fwd.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/algorithm/detail/is\_sorted.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/transformation/flatten.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/view/flatten\_view.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view.hpp

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// I:/modular-boost/libs/math/include/boost/math/special\_functions/lambert\_w\_lookup\_table.hpp

// A collection of 128-bit precision integral z argument Lambert W values computed using 37 decimal digits precision.

// C++ floating-point precision is 128-bit long double.

// Output as 53 decimal digits, suffixed L.

// C++ floating-point type is provided by lambert\_w.hpp typedef.

// For example: typedef lookup\_t double; (or float or long double)

// Written by I:\modular-boost\libs\math\test\lambert\_w\_lookup\_table\_generator.cpp Thu Jan 25 16:52:07 2018

// Sizes of arrays of z values for Lambert W[0], W[1] ... W[64]" and W[-1], W[-2] ... W[-64].

```
namespace boost {
namespace math {
namespace lambert_w_detail {
namespace lambert_w_lookup
```

```

{
BOOST_STATIC_CONSTEXPR std::size_t noof_sqrts = 12;
BOOST_STATIC_CONSTEXPR std::size_t noof_halves = 12;
BOOST_STATIC_CONSTEXPR std::size_t noof_w0es = 65;
BOOST_STATIC_CONSTEXPR std::size_t noof_w0zs = 65;
BOOST_STATIC_CONSTEXPR std::size_t noof_wm1es = 64;
BOOST_STATIC_CONSTEXPR std::size_t noof_wm1zs = 64;

BOOST_STATIC_CONSTEXPR lookup_t halves[noof_halves] =
{ // Common to Lambert W0 and W-1 (and exactly representable).
0.5L, 0.25L, 0.125L, 0.0625L, 0.03125L, 0.015625L, 0.0078125L, 0.00390625L, 0.001953125L, 0.0009765625L,
0.00048828125L, 0.000244140625L
}; // halves, 0.5, 0.25, ... 0.000244140625, common to W0 and W-1.

BOOST_STATIC_CONSTEXPR lookup_t sqrtw0s[noof_sqrts] =
{ // For Lambert W0 only.
0.6065306597126334242631173765403218567L, 0.77880078307140486866846070009071995L,
0.882496902584595403104717592968701829L, 0.9394130628134757862473572557999761753L,
0.9692332344763440819139583751755278177L, 0.9844964370054084060204319075254540376L,
0.9922179382602435121227899136829802692L, 0.996101369470117490071323985506950379L,
0.9980487811074754727142805899944244847L, 0.9990239141819756622368328253791383317L,
0.9995118379398893653889967919448497792L, 0.9997558891748972165136242351259789505L
}; // sqrtw0s

BOOST_STATIC_CONSTEXPR lookup_t sqrtwm1s[noof_sqrts] =
{ // For Lambert W-1 only.
1.648721270700128146848650787814163572L, 1.284025416687741484073420568062436458L,
1.133148453066826316829007227811793873L, 1.064494458917859429563390594642889673L,
1.031743407499102670938747815281507144L, 1.015747708586685747458535072082351749L,
1.007843097206447977693453559760123579L, 1.003913889338347573443609603903460282L,
1.001955033591002812046518898047477216L, 1.000977039492416535242845292611606506L,
1.000488400478694473126173623807163354L, 1.000244170429747854937005233924135774L
}; // sqrtwm1s

BOOST_STATIC_CONSTEXPR lookup_t w0es[noof_w0zs] =
{ // Fukushima e powers array e[0] = 2.718, 1., e[2] = e^-1 = 0.135, e[3] = e^-2 = 0.133 ... e[64] =
4.3596100000630809736231248158884615452e-28,
2.7182818284590452353602874713526624978e+00L,
1.0000000000000000000000000000000000000000000000000000000e+00L, 3.6787944117144232159552377016146086745e-01L,
1.3533528323661269189399949497248440341e-01L, 4.9787068367863942979342415650061776632e-02L,
1.8315638888734180293718021273241242212e-02L, 6.7379469990854670966360484231484242488e-03L,
2.4787521766663584230451674308166678915e-03L, 9.1188196555451620800313608440928262647e-04L,
3.3546262790251183882138912578086101931e-04L, 1.2340980408667954949763669073003382607e-04L,
4.5399929762484851535591515560550610238e-05L, 1.6701700790245659312635517360580879078e-05L,
6.1442123533282097586823081788055323112e-06L, 2.2603294069810543257852772905386894694e-06L,
8.3152871910356788406398514256526229461e-07L, 3.0590232050182578837147949770228963937e-07L,
1.1253517471925911451377517906012719164e-07L, 4.1399377187851666596510277189552806229e-08L,
1.5229979744712628436136629233517431862e-08L, 5.6027964375372675400129828162064630798e-09L,

```

2.0611536224385578279659403801558209764e-09L, 7.5825604279119067279417432412681264430e-10L,  
2.7894680928689248077189130306442932077e-10L, 1.0261879631701890303927527840612497760e-10L,  
3.7751345442790977516449695475234067792e-11L, 1.3887943864964020594661763746086856910e-11L,  
5.1090890280633247198744001934792157666e-12L, 1.8795288165390832947582704184221926212e-12L,  
6.9144001069402030094125846587414092712e-13L, 2.5436656473769229103033856148576816666e-13L,  
9.3576229688401746049158322233787067450e-14L, 3.4424771084699764583923893328515572846e-14L,  
1.2664165549094175723120904155965096382e-14L, 4.6588861451033973641842455436101684114e-15L,  
1.7139084315420129663027203425760492412e-15L, 6.3051167601469893856390211922465427614e-16L,  
2.3195228302435693883122636097380800411e-16L, 8.5330476257440657942780498229412441658e-17L,  
3.1391327920480296287089646522319196491e-17L, 1.1548224173015785986262442063323868655e-17L,  
4.2483542552915889953292347828586580179e-18L, 1.5628821893349887680908829951058341550e-18L,  
5.7495222642935598066643808805734234249e-19L, 2.1151310375910804866314010070226514702e-19L,  
7.7811322411337965157133167292798981918e-20L, 2.8625185805493936444701216291839372068e-20L,  
1.0530617357553812378763324449428108806e-20L, 3.8739976286871871129314774972691278293e-21L,  
1.4251640827409351062853210280340602263e-21L, 5.2428856633634639371718053028323436716e-22L,  
1.9287498479639177830173428165270125748e-22L, 7.0954741622847041389832693878080734877e-23L,  
2.6102790696677048047026953153318648093e-23L, 9.6026800545086760302307696700074909076e-24L,  
3.5326285722008070297353928101772088374e-24L, 1.2995814250075030736007134060714855303e-24L,  
4.7808928838854690812771770423179628939e-25L, 1.7587922024243116489558751288034363178e-25L,  
6.4702349256454603261540395529264893765e-26L, 2.3802664086944006058943245888024963309e-26L,  
8.7565107626965203384887328007391660366e-27L, 3.2213402859925160890012477758489437534e-27L,  
1.1850648642339810062850307390972809891e-27L, 4.3596100000630809736231248158884596428e-28L,

}; // w0es

BOOST\_STATIC\_CONSTEXPR lookup\_t w0zs[noof\_w0zs] =

{ // z values for W[0], W[1], W[2] ... W[64] (Fukushima array Fk).

0.0000000000000000000000000000000000000000000000000000000e+00L,

2.7182818284590452353602874713526624978e+00L, 1.4778112197861300454460854921150015626e+01L,

6.0256610769563003222785588963745153691e+01L, 2.1839260013257695631244104481144351361e+02L,

7.4206579551288301710557790020276139812e+02L, 2.4205727609564107356503230832603296776e+03L,

7.6764321089992101948460416680168500271e+03L, 2.3847663896333826197948736795623109390e+04L,

7.2927755348178456069389970204894839685e+04L, 2.2026465794806716516957900645284244366e+05L,

6.5861555886717600300859134371483559776e+05L, 1.9530574970280470496960624587818413980e+06L,

5.7513740961159665432393360873381476632e+06L, 1.6836459978306874888489314790750032292e+07L,

4.9035260587081659589527825691375819733e+07L, 1.4217776832812596218820837985250320561e+08L,

4.1063419681078006965118239806655900596e+08L, 1.1818794444719492004981570586630806042e+09L,

3.3911637183005579560532906419857313738e+09L, 9.7033039081958055593821366108308111737e+09L,

2.7695130424147508641409976558651358487e+10L, 7.8868082614895014356985518811525255163e+10L,

2.2413047926372475980079655175092843139e+11L, 6.3573893111624333505933989166748517618e+11L,

1.8001224834346468131040337866531539479e+12L, 5.0889698451498078710141863447784789126e+12L,

1.4365302496248562650461177217211790925e+13L, 4.0495197800161304862957327843914007993e+13L,

1.1400869461717722015726999684446230289e+14L, 3.2059423744573386440971405952224204950e+14L,

9.0051433962267018216365614546207459567e+14L, 2.5268147258457822451512967243234631750e+15L,

7.0832381329352301326018261305316090522e+15L, 1.9837699245933465967698692976753294646e+16L,

5.5510470830970075484537561902113104381e+16L, 1.5520433569614702817608320254284931407e+17L,

4.3360826779369661842459877227403719730e+17L, 1.2105254067703227363724895246493485480e+18L,

3.3771426165357561311906703760513324357e+18L, 9.4154106734807994163159964299613921804e+18L,

```
2.6233583234732252918129199544138403574e+19L, 7.3049547543861043990576614751671879498e+19L,
2.0329709713386190214340167519800405595e+20L, 5.6547040503180956413560918381429636734e+20L,
1.5720421975868292906615658755032744790e+21L, 4.3682149334771264822761478593874428627e+21L,
1.2132170565093316762294432610117848880e+22L, 3.3680332378068632345542636794533635462e+22L,
9.3459982052259884835729892206738573922e+22L, 2.5923527642935362320437266614667426924e+23L,
7.1876803203773878618909930893087860822e+23L, 1.9921241603726199616378561653688236827e+24L,
5.5192924995054165325072406547517121131e+24L, 1.5286067837683347062387143159276002521e+25L,
4.2321318958281094260005100745711666956e+25L, 1.1713293177672778461879598480402173158e+26L,
3.2408603996214813669049988277609543829e+26L, 8.9641258264226027960478448084812796397e+26L,
2.4787141382364034104243901241243054434e+27L, 6.8520443388941057019777430988685937812e+27L,
1.8936217407781711443114787060753312270e+28L, 5.2317811346197017832254642778313331353e+28L,
1.4450833904658542238325922893692265683e+29L, 3.9904954117194348050619127737142206367e+29L
```

```
}; // w0zs
```

```
BOOST_STATIC_CONSTEXPR lookup_t wm1es[noof_wm1es] =
```

```
{ // Fukushima e array e[0] = e^1 = 2.718, e[1] = e^2 = 7.39 ... e[64] = 4.60718e+28.
```

```
2.7182818284590452353602874713526624978e+00L,
7.3890560989306502272304274605750078132e+00L, 2.0085536923187667740928529654581717897e+01L,
5.4598150033144239078110261202860878403e+01L, 1.4841315910257660342111558004055227962e+02L,
4.0342879349273512260838718054338827961e+02L, 1.0966331584284585992637202382881214324e+03L,
2.9809579870417282747435920994528886738e+03L, 8.1030839275753840077099966894327599650e+03L,
2.2026465794806716516957900645284244366e+04L, 5.9874141715197818455326485792257781614e+04L,
1.6275479141900392080800520489848678317e+05L, 4.4241339200892050332610277594908828178e+05L,
1.202604284164776777492367707678594494e+06L, 3.2690173724721106393018550460917213155e+06L,
8.8861105205078726367630237407814503508e+06L, 2.4154952753575298214775435180385823880e+07L,
6.5659969137330511138786503259060033569e+07L, 1.7848230096318726084491003378872270388e+08L,
4.8516519540979027796910683054154055868e+08L, 1.3188157344832146972099988837453027851e+09L,
3.5849128461315915616811599459784206892e+09L, 9.7448034462489026000346326848229752776e+09L,
2.6489122129843472294139162152811882341e+10L, 7.2004899337385872524161351466126157915e+10L,
1.9572960942883876426977639787609534279e+11L, 5.3204824060179861668374730434117744166e+11L,
1.4462570642914751736770474229969288569e+12L, 3.9313342971440420743886205808435276858e+12L,
1.0686474581524462146990468650741401650e+13L, 2.9048849665247425231085682111679825667e+13L,
7.8962960182680695160978022635108224220e+13L, 2.1464357978591606462429776153126088037e+14L,
5.8346174252745488140290273461039101900e+14L, 1.5860134523134307281296446257746601252e+15L,
4.3112315471151952271134222928569253908e+15L, 1.1719142372802611308772939791190194522e+16L,
3.1855931757113756220328671701298646000e+16L, 8.6593400423993746953606932719264934250e+16L,
2.3538526683701998540789991074903480451e+17L, 6.3984349353005494922266340351557081888e+17L,
1.7392749415205010473946813036112352261e+18L, 4.7278394682293465614744575627442803708e+18L,
1.2851600114359308275809299632143099258e+19L, 3.4934271057485095348034797233406099533e+19L,
9.4961194206024488745133649117118323102e+19L, 2.5813128861900673962328580021527338043e+20L,
7.0167359120976317386547159988611740546e+20L, 1.9073465724950996905250998409538484474e+21L,
5.1847055285870724640874533229334853848e+21L, 1.4093490824269387964492143312370168789e+22L,
3.8310080007165768493035695487861993899e+22L, 1.0413759433029087797183472933493796440e+23L,
2.8307533032746939004420635480140745409e+23L, 7.6947852651420171381827455901293939921e+23L,
2.0916594960129961539070711572146737782e+24L, 5.6857199993359322226403488206332533034e+24L,
1.5455389355901039303530766911174620068e+25L, 4.2012104037905142549565934307191617684e+25L,
1.1420073898156842836629571831447656302e+26L, 3.1042979357019199087073421411071003721e+26L,
```

```
8.4383566687414544890733294803731179601e+26L, 2.2937831594696098790993528402686136005e+27L,
6.2351490808116168829092387089284697448e+27L
```

```
}; // wmls
```

```
BOOST_STATIC_CONSTEXPR lookup_t wmlzs[noof_wmlzs] =
```

```
{ // Fukushima G array of z values for integral K, (Fukushima Gk) g[0] (k = -1) = 1 ... g[64] = -
```

```
1.0264389699511303e-26.
```

```
-3.6787944117144232159552377016146086745e-01L,
```

```
-2.7067056647322538378799898994496880682e-01L, -1.4936120510359182893802724695018532990e-01L, -
```

```
7.326255554936721174872085092964968848e-02L, -3.3689734995427335483180242115742121244e-02L,
```

```
-1.4872513059998150538271004584900007349e-02L, -6.3831737588816134560219525908649783853e-03L, -
```

```
2.6837010232200947105711130062468881545e-03L, -1.1106882367801159454787302165703044346e-03L,
```

```
-4.5399929762484851535591515560550610238e-04L, -1.8371870869270225243899069096638966986e-04L, -
```

```
7.3730548239938517104187698145666387735e-05L, -2.9384282290753706235208604777002963102e-05L,
```

```
-1.1641402067449950376895791995913672125e-05L, -4.5885348075273868255721924655343445906e-06L, -
```

```
1.8005627955081458322204028649620350662e-06L, -7.0378941219347833214067471222239770590e-07L,
```

```
-2.7413963540482731185045932620331377352e-07L, -1.0645313231320808326024667350792279852e-07L, -
```

```
4.1223072448771156559318807603116419528e-08L, -1.5923376898615004128677660806663065530e-08L,
```

```
-6.1368298043116345769816086674174450569e-09L, -2.3602323152914347699033314033408744848e-09L, -
```

```
9.0603229062698346039479269140561762700e-10L, -3.4719859662410051486654409365217142276e-10L,
```

```
-1.3283631472964644271673440503045960993e-10L, -5.0747278046555248958473301297399200773e-11L, -
```

```
1.9360320299432568426355237044475945959e-11L, -7.3766303773930764398798182830872768331e-12L,
```

```
-2.8072868906520523814747496670136120235e-12L, -1.0671679036256927021016406931839827582e-12L, -
```

```
4.0525329757101362313986893299088308423e-13L, -1.5374324278841211301808010293913555758e-13L,
```

```
-5.8272886672428440854292491647585674200e-14L, -2.2067908660514462849736574172862899665e-14L, -
```

```
8.3502821888768497979241489950570881481e-15L, -3.1572276215253043438828784344882603413e-15L,
```

```
-1.1928704609782512589094065678481294667e-15L, -4.5038074274761565346423524046963087756e-16L, -
```

```
1.6993417021166355981316939131434632072e-16L, -6.4078169762734539491726202799339200356e-17L,
```

```
-2.4147993510032951187990399698408378385e-17L, -9.0950634616416460925150243301974013218e-18L, -
```

```
3.4236981860988704669138593608831552044e-18L, -1.2881333612472271400115547331327717431e-18L,
```

```
-4.8440839844747536942311292467369300505e-19L, -1.8207788854829779430777944237164900798e-19L, -
```

```
6.8407875971564885101695409345634890862e-20L, -2.5690139750480973292141845983878483991e-20L,
```

```
-9.6437492398195889150867140826350628738e-21L, -3.6186918227651991108814673877821174787e-21L, -
```

```
1.3573451162272064984454015639725697008e-21L, -5.0894204288895982960223079251039701810e-22L,
```

```
-1.9076194289884357960571121174956927722e-22L, -7.1476978375412669048039237333931704166e-23L, -
```

```
2.6773000149758626855152191436980592206e-23L, -1.0025115553818576399048488234179587012e-23L,
```

```
-3.7527362568743669891693429406973638384e-24L, -1.4043571811296963574776515073934728352e-24L, -
```

```
5.2539064576179122030932396804434996219e-25L, -1.9650175744554348142907611432678556896e-25L,
```

```
-7.3474021582506822389671905824031421322e-26L, -2.7465543000397410133825686340097295749e-26L, -
```

```
1.0264389699511282259046957018510946438e-26L
```

```
}; // wmlzs
```

```
} // namespace lambert_w_lookup
```

```
} // namespace detail
```

```
} // namespace math
```

```
} // namespace boost
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/math/special\_functions/detail/lambert\_w\_lookup\_table.ipp

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zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_queue.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/sync\_queue.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/sync\_bounded\_queue.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_bounded\_queue.hpp

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zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_deque.hpp

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@file

Forward declares `boost::hana::count\_if`.

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@file

Forward declares `boost::hana::filter`.

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/\* boost random/detail/large\_arithmetic.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
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zip/1.75.0/include/boost/random/detail/large\_arithmetic.hpp  
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/\* boost random/laplace\_distribution.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

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@file

Forward declares `boost::hana::repeat`.

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- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/noncopyable.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/no\_exceptions\_support.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/checked\_delete.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/lightweight\_test.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/explicit\_operator\_bool.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/ref.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/enable\_if.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/swap.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/addressof.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/swap.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/generic\_rk\_algorithm.hpp

[begin\_description]

Implementation of the generic Runge-Kutta method.

[end\_description]

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Copyright 2011-2012 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_algorithm.hpp

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/\*

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(glenjofe@gmail.com)

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\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned\_clang.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/align\_up.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/align\_down.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/align\_down.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/element\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/align\_up.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::mod`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/mod.hpp

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/\*!

@file

Defines `boost::hana::cycle`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/cycle.hpp

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\*

\* (C) Copyright 2013 Tim Blechmann

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\*/

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/ios.h  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2010-2011 Bryce Lelbach

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/is\_sorted.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::less_equal`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/less\_equal.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2014 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/tuple/make\_tuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/vector/vector20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/vector/vector50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/nview/detail/nview\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/build\_std\_tuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/vector\_tie.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/set\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_list.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_tie.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/detail/enable_warnings.hpp header file
*
* Copyright Steven Watanabe 2009
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/detail/enable\_warnings.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2010 Joel de Guzman
Copyright (c) 2001-2010 Hartmut Kaiser
Copyright (c) 2010 Bryce Lelbach
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/karma_as.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/include/support_line_pos_iterator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi_as.hpp
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```

```
// Copyright 2015 John Maddock. Distributed under the Boost
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/traits/is_byte_container.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/traits/is_backend.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/cpp_int/import_export.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines concepts from the Standard library.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/concepts.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::adjust_if`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/adjust_if.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::overload_linearly`.
```

```
@copyright Louis Dionne 2013-2017
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/functional/overload\_linearly.hpp  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/android.h  
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/\*=====

```
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combine.h
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```

=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/combine.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Forward declares `boost::hana::not\_equal`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/not\_equal.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::less\_equal`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/less\_equal.hpp

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//

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//

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// [https://www.boost.org/LICENSE\\_1\\_0.txt](https://www.boost.org/LICENSE_1_0.txt))

//

// getentropy() capable platforms

//

#include <boost/config.hpp>

#include <boost/throw\_exception.hpp>

#include <cerrno>

#include <cstddef>

#include <unistd.h>

namespace boost {

namespace uuids {

namespace detail {

class random\_provider\_base

{

public:

//! Obtain entropy and place it into a memory location

//! \param[in] buf the location to write entropy

//! \param[in] siz the number of bytes to acquire

void get\_random\_bytes(void \*buf, std::size\_t siz)

{

int res = getentropy(buf, siz);

if (BOOST\_UNLIKELY(-1 == res))

{

int err = errno;

BOOST\_THROW\_EXCEPTION(entropy\_error(err, "getentropy"));

}

}

};

} // detail

} // uuids

```
} // boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random_provider_getentropy.ipp  
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/vexcl/vexcl_algebra_dispatcher.hpp
```

```
[begin_description]
```

```
algebra_dispatcher specialization for vexcl
```

```
[end_description]
```

```
Copyright 2013 Karsten Ahnert
```

```
Copyright 2013 Mario Mulansky
```

```
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```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl_algebra_dispatcher.hpp  
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```

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
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```

```
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```

```
*
```

```
* This header is deprecated, use boost/winapi/thread.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/thread.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::front`.
```

```
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```

```
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```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/front.hpp  
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/\* boost random/sobol.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/sobol.hpp  
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/\*=====

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eval.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/eval.hpp  
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/\*

[auto\_generated]  
boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Implementation of the Runge Kutta Cash Karp 5(4) method. It uses the generic error stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

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/\*!

@file

Forward declares `boost::hana::flatten`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/flatten.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/meta/parser\_traits.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/detail/expectation\_failure.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_same\_instance.hpp

[begin\_description]

Check if two VexCL containers are the same instance.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_same\_instance.hpp  
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/\*

@file add\_noexcept

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/add\_noexcept.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2016 Paul Fultz II
noexcept.hpp
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/noexcept.hpp

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/compare.hpp template implementation file
*
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/compare.hpp

No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate.hpp
```

```
[begin_description]
```

Convenience methods which choose the stepper for the current ODE.

```
[end_description]
```

```
Copyright 2011-2013 Karsten Ahnert
Copyright 2011-2012 Mario Mulansky
```

```
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/integrate/integrate.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

[auto\_generated]  
boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp

[begin\_description]  
Wrapper for gsl\_vector.  
[end\_description]

Copyright 2011-2012 Mario Mulansky  
Copyright 2011 Karsten Ahnert

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Adapts `std::array` for use with Hana.

@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/std/array.hpp  
No license file was found, but licenses were detected in source scan.

/\*  
[auto\_generated]  
boost/numeric/odeint/integrate/detail/integrate\_const.hpp

[begin\_description]  
integrate const implementation  
[end\_description]

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Copyright 2012 Christoph Koke  
Copyright 2012 Karsten Ahnert

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_const.hpp  
No license file was found, but licenses were detected in source scan.

/\* boost random/shuffle\_order.hpp header file

\*

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\* Copyright Steven Watanabe 2010  
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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/shuffle\_order.hpp  
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/\*!

@file

Defines `boost::hana::detail::type\_at`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/type\_at.hpp  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_istream.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_ostream.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_cmplx.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_complex\_std.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_complex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_limits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_types.hpp  
No license file was found, but licenses were detected in source scan.

/\*  
Copyright 2007 Tobias Schwinger

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(glenjofe@gmail.com)

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/functional/value\_factory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/functional/factory.hpp  
No license file was found, but licenses were detected in source scan.

/\* Boost interval/compare/set.hpp template implementation file  
\*  
\* Copyright 2002-2003 Guillaume Melquiond  
\*  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/set.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2002.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_2_0.txt or copy at  
# * http://www.boost.org/LICENSE\_2\_0.txt)  
# *  
# ***** */
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2\_1024.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse2\_1024.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2014 Antony Polukhin  
* Copyright 2015 Andrey Semashev  
*  
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/crypt.hpp  
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```
/*!  
@file  
Defines `boost::hana::string`.  
  
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/string.hpp  
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```
/*!  
@file  
Defines `boost::hana::detail::operators::adl`.  
  
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/operators/adl.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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Copyright (c) 2006 Dan Marsden

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip50.hpp  
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/\*!

@file

Defines `boost::hana::count`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/count.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/move/algorithm/detail/pdqsort.hpp  
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/\*=====

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decay.h

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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/decay.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/algebra/fusion_algebra_dispatcher.hpp
```

```
[begin_description]  
tba.  
[end_description]
```

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Copyright 2013 Mario Mulansky

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/fusion\_algebra\_dispatcher.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::if_`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/if.hpp  
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```
/*=====
```

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pp.h  
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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/pp.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2004 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/stl/container/container.hpp
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```

```
/* boost random/ranlux.hpp header file
*
* Copyright Jens Maurer 2002
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 created
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/ranlux.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Policies for result and outcome
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (12 commits)
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/policy/terminate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/policy/outcome\_error\_code\_throw\_as\_system\_error.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/compare/tribool.hpp template implementation file

\*

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\*

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/compare/tribool.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/config.hpp

No license file was found, but licenses were detected in source scan.

```
/* boost random/linear_feedback_shift.hpp header file
*
* Copyright Jens Maurer 2002
* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/random/linear_feedback_shift.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2009 Joel de Guzman
Copyright (c) 2009-2010 Hartmut Kaiser
Copyright (c) 2010 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/adapt_adt_named.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/external/mtl4/mtl4_algebra_dispatcher.hpp
```

```
[begin_description]
specialization of the algebra dispatcher for mtl4
[end_description]
```

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Copyright 2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4\_algebra\_dispatcher.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/os/ios.h  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/object\_call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/detail/make\_tuple.hpp  
No license file was found, but licenses were detected in source scan.

/\* boost random/random\_number\_generator.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/random\_number\_generator.hpp  
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/\*\*

\* \_\*- c++ -\*-

\*

```
* \file c_array.hpp
*
* \brief provides specializations of matrix and vector traits for c arrays and c matrices.
*
* Copyright (c) 2009, Gunter Winkler
*
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* \author Gunter Winkler (guwi17 at gmx dot de)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/traits/c_array.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Mario Lang
Copyright (c) 2001-2011 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/matches.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* Try operation macros
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (20 commits)
File Created: July 2017
```

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/try.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/vector\_space\_algebra.hpp

[begin\_description]

An algebra for types which have vector space semantics, hence types on which the operators +,-,\* are well defined.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/algebra/vector\_space\_algebra.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_assoc\_struct.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/state\_wrapper.hpp

[begin\_description]

State wrapper for the state type in all stepper. The state wrappers are responsible for construction, destruction, copying construction, assignment and resizing.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/util/resize.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/same\_size.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/is\_placeholder\_expr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/nested\_xxx\_if\_not\_ph.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/set\_factory.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/static\_holder.hpp

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@file

Defines `boost::hana::flip`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/flip.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/guards\_dended.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/devector.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/composite/composite.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/parser.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/match.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/rule.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored\_rule.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/composite/actions.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/dynamic/rule\_alias.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper.hpp

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@file

Adapts Boost.MPL IntegralConstants for use with Hana.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/mpl/integral\_c.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_struct\_named.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/list\_tie.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/enabler.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/lambda.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope/lambda.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_50.hpp  
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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/tree/ast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree\_utils.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/external/mpi/mpi_vector_state.hpp

[begin_description]
Copying a container from/to an mpi_state splits/joins it.
[end_description]
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_vector\_state.hpp  
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/function\_eval\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_member\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/index\_sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/bind\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind\_function\_object.hpp  
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_native\_fusion\_sequence.hpp  
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```
/*!
@file
Forward declares `boost::hana::extract`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/extract.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/eigen.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/mpc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/traits/is\_variable\_precision.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/cpp\_complex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/complex128.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/complex\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/precision.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/observer\_collection.hpp

[begin\_description]

Collection of observers, which are all called during the evolution of the ODE.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/integrate/observer\_collection.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_base\_set.hpp

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\*/

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/detail/is\_likely\_lambda.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/repository/include/qi\_advance.hpp

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@file

Defines `boost::hana::capture``.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/capture.hpp

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@file

Adapts `boost::fusion::tuple` for use with Hana.

In the current version of Boost.Fusion, `boost::fusion::tuple` is basically an alias to `boost::fusion::vector`, so both data types share the same implementation in Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/fusion/tuple.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/rosenbrock4\_dense\_output.hpp

[begin\_description]

Dense output for Rosenbrock 4.

[end\_description]

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4_dense_output.hpp  
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::scan_left`.
```

```
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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/scan_left.hpp  
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```

```
/* Proposed SG14 status_code
```

```
(C) 2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)
```

```
File Created: Jan 2020
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/getaddrinfo\_code.hpp

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[auto\_generated]

boost/numeric/odeint/external/thrust/thrust.hpp

[begin\_description]

includes all headers required for using odeint with thrust

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust.hpp

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/detail/type\_restitution.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/detail/is\_acceptable.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/any\_collection.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/function\_collection.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/detail/iterator\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/detail/callable\_wrapper.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/base\_collection.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_invocable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_final.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/iterator\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_constructible.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment\_split.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/base\_collection\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/any\_collection\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_nothrow\_eq\_comparable.hpp  
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/\*!

@file

Defines `boost::hana::mod`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/mod.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the preprocessor symbol BOOST\_IOSTREAMS\_HAS\_DINKUMWARE\_FPOS for

\* platforms that use the implementation of std::fpos from the Dinkumware

\* Standard Library.



```
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# * http://www.boost.org/LICENSE_1_0.txt)
# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/to\_array.hpp

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```
/*=====
```

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Autogenerated by MultiStageTable.py (Unicode multi-stage table builder) (c) Peter Kankowski, 2008

```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/query.hpp

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```
/*
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/find\_backward.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/find\_not.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/geometry/formulas/karney\_direct.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/geometry/util/series\_expansion.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/geometry/formulas/karney\_inverse.hpp

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@file

Forward declares `boost::hana::detail::nested\_to`.

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\*/

Found in path(s):

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/iterator/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/tree/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/dynamic/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/attribute/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/symbols/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/debug/typeof.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/iterator/multi\_pass\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/subrule\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/file\_iterator\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored\_rule\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/typeof.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/typeof.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/scanner\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/typeof.hpp  
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@file

Forward declares the @ref group-core module.

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Forward declares `boost::hana::size`.

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Defines `boost::hana::permutations`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/nonterminal/simple\_trace.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eoi.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/numeric/real\_policies.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/unused.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eol.hpp

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partial.h

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/pop\_front.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/reverse.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/as\_expr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/push\_front.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/at.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/std/utility.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/push\_back.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/fusion/pop\_back.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/eigen/eigen\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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@file

Forward declares `boost::hana::reverse`.

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zip/1.75.0/include/boost/interprocess/sync/detail/common\_algorithms.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/allocator\_version\_traits.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/throw\_exception.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/tree/tree\_to\_xml.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/is\_unbounded\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_bounded\_array.hpp  
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```
/* Boost interval/interval.hpp header file
*
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/interval.hpp  
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```
/*!
@file
Defines `boost::hana::is_empty`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/is\_empty.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/external/openmp/openmp_state.hpp
```

```
[begin_description]
Wrappers for OpenMP.
[end_description]
```

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_state.hpp

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////////////////////////////////////\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/flatten.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/utility/is\_callable.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/flatten\_view.hpp

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/\*!

@file

Defines `boost::hana::Iterable`.

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Found in path(s):

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/\* Boost interval/detail/ia64\_rounding\_control.hpp file

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/interval/detail/ia64\_rounding\_control.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/rounding.hpp template implementation file

\*

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/rounding.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::second`.

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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/second.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::Applicative`.

@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/applicative.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Adapts `boost::fusion::vector` for use with Hana.

@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/fusion/vector.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2010 Bryce Lelbach  
Copyright (c) 2014 Tomoki Imai

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/line\_pos\_iterator.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2011 Bryce Lelbach

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/numeric/int.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/base/algebra_stepper_base.hpp

[begin_description]
Base class for all steppers with an algebra and operations.
[end_description]

Copyright 2012-2013 Karsten Ahnert
Copyright 2012 Mario Mulansky
```

```
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/base/algebra_stepper_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::remove`.
```

```
@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/remove.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/iterator/detail/const_step_iterator_impl.hpp
```

```
[begin_description]  
tba.  
[end_description]
```

```
Copyright 2013 Karsten Ahnert  
Copyright 2013 Mario Mulansky
```

```
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE_1_0.txt or  
copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/const_step_iterator_impl.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2010 Bryce Lelbach
```

```
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/fenv.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Copyright 2009 Eric Niebler. Distributed under the Boost
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/list.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/regex_domain.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::erase_key`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/erase\_key.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::zip\_shortest`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/zip\_shortest.hpp

No license file was found, but licenses were detected in source scan.

/\*

=====  
Copyright (c) 2001-2011 Joel de Guzman

Copyright (c) 2009 Francois Barel

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/nonterminal/detail/parameterized.hpp

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// Copyright 2011 John Maddock. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/mpfr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/tommath.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multiprecision/detail/number\_base.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/mpfi.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multiprecision/detail/default\_ops.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/gmp.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/number.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multiprecision/rational\_adaptor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/et\_ops.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multiprecision/detail/generic\_interconvert.hpp

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2017 Andrey Semashev
 *
 * Distributed under the Boost Software License, Version 1.0.
 * See http://www.boost.org/LICENSE\_1\_0.txt
 *
 * This header is deprecated, use boost/winapi/get_last_error.hpp instead.
 */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/get\_last\_error.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
 Copyright (c) 2001-2007 Joel de Guzman
 Copyright (c) 2016 Kohei Takahashi

 Distributed under the Boost Software License, Version 1.0. (See accompanying
 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_10.hpp

No license file was found, but licenses were detected in source scan.

```
/* boost random/uniform_int.hpp header file
 *
 * Copyright Jens Maurer 2000-2001
 * Distributed under the Boost Software License, Version 1.0. (See
 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE\_1\_0.txt)
 *
 * See http://www.boost.org for most recent version including documentation.
 *
 * $Id$
 *
 * Revision history
```

\* 2001-04-08 added min<max assertion (N. Becker)

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/uniform\_int.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines function-like equivalents to the standard `<type_traits>`, and also to some utilities like `std::declval`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/traits.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform.h

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::fold_left`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/fold\_left.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::fuse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fuse.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io/ios\_state.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/error\_codes.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*

\* This header is deprecated, use boost/winapi/environment.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/environment.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/empty\_impl.hpp  
No license file was found, but licenses were detected in source scan.

/\*

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\* file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt).)

\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*

\* File: boost/iostreams/detail/restrict.hpp

\* Date: Sun Jan 06 12:57:30 MST 2008

\* Copyright: 2008 CodeRage, LLC  
2004-2007 Jonathan Turkanis

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the class template boost::iostreams::restriction and the  
\* overloaded function template boost::iostreams::restrict

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/restrict.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Re2C based C++ lexer

<http://www.boost.org/>

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Software License, Version 1.0. (See accompanying file  
LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp\_re2c\_lexer.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2011 Thomas Heller

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/pp\_round.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/geometric_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/geometric\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/* *****
# *
# * (C) Copyright Paul Mensonides 2002-2011. *
# * (C) Copyright Edward Diener 2011,2013. *
# * Distributed under the Boost Software License, Version 1.0. (See *
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/rem.hpp

No license file was found, but licenses were detected in source scan.

```
// (C) Copyright Pablo Halpern 2009. Distributed under the Boost
// (C) Copyright Ion Gaztanaga 2011-2013. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/scoped_allocator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/allocator_traits.hpp
```

No license file was found, but licenses were detected in source scan.

```
// (C) Copyright Ion Gaztanaga 2012-2012. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/config_external_end.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/interprocess_condition_any.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/config_external_begin.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/detail/config_begin.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/detail/config_end.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/detail/locks.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/detail/condition_any_algorithm.hpp
```

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```
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// (C) Copyright Ion Gaztanaga 2007-2013. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/singleton.hpp
```

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```
/*!
@file
Defines `boost::hana::accessors`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/accessors.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
```

Boost.Wave: A Standard compliant C++ preprocessor library

A generic C++ lexer token definition

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_token.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines the @ref group-core module.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core.hpp

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/\*

\* This RFC 1321 compatible MD5 implementation originated at:

\* <http://openwall.info/wiki/people/solar/software/public-domain-source-code/md5>

\*

\* Author:

\* Alexander Peslyak, better known as Solar Designer <[solar at openwall.com](mailto:solar@openwall.com)>

\*

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/uuid/detail/md5.hpp

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/\*!

@file

Documents the `BOOST\_HANA\_ADAPT\_STRUCT` macro.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/adapt\_struct.hpp

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/\* A very simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (8 commits)

File Created: June 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/std\_result.hpp  
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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector30\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector10\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector40\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector20\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector50\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
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* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.

* File:    boost/iostreams/detail/functional.hpp
* Date:    Sun Dec 09 05:38:03 MST 2007
* Copyright: 2007-2008 CodeRage, LLC
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com

* Defines several function objects and object generators for use with
* execute_all()
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/functional.hpp  
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/\*!

@file

Defines `boost::hana::insert`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/insert.hpp

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compose.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/compose.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/split\_adaptor.hpp

[begin\_description]

A range adaptor which returns even-sized slices.

[end\_description]

Copyright 2013 Karsten Ahnert

Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/split\_adaptor.hpp

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/\* boost random/detail/const\_mod.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/const\_mod.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
The definition of a default set of token identifiers and related
functions.

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/token\_ids.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2011 Thomas Heller

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/adapt\_callable.hpp  
No license file was found, but licenses were detected in source scan.

```
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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/auto\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/any\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/function\_collection\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/callable\_wrapper\_iterator.hpp

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/\* Configure Boost.Outcome with Boost  
(C) 2015-2020 Niall Douglas <<http://www.nedproductions.biz/>> (7 commits)  
File Created: August 2015

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/config.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_times.hpp

[begin\_description]

Default integrate times implementation.

[end\_description]

Copyright 2009-2012 Karsten Ahnert

Copyright 2009-2012 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_times.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform/integral\_c.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/template\_arity.hpp

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@file

Adapts `std::vector` for use with Hana.

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@copyright Gonzalo Brito Gadeschi 2015

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/std/vector.hpp

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/\*=====

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Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/ast/variant.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/numeric.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/literal\_string.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/detail/string\_parse.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/negated\_char\_parser.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/rule.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eps.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/tst\_map.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/unicode.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/no\_case.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/char\_set.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/proxy.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/detail/no\_case\_string\_parse.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/literal\_char.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/skip\_over.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/numeric/real.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/detail/tst.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/char\_parser.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/nonterminal/debug\_handler\_state.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/any\_char.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/nonterminal.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/char\_class\_tags.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/utility/utf8.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/numeric/int.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/char/char_class.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/rule.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/string/tst.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/char/char.hpp
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```

```
/*=====
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lambda.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/lambda.hpp
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```

```
/*!
@file
Defines `boost::hana::chain`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/chain.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/adams_moulton.hpp
```

```
[begin_description]
Implementation of the Adams-Moulton method. This is method is not a real stepper, it is more a helper class
which computes the corrector step in the Adams-Bashforth-Moulton method.
[end_description]
```

```
Copyright 2011-2012 Karsten Ahnert
Copyright 2011-2013 Mario Mulansky
Copyright 2012 Christoph Koke
```

```
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_moulton.hpp

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/\*!

@file

Defines `boost::hana::minimum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/minimum.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/intermodule\_holder.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_desktop.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_runtime.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/predef/platform/windows\_store.h  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_phone.h  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Adapts `boost::tuple` for use with Hana.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/tuple.hpp  
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```
/* Copyright 2003-2013 Joaquin M Lopez Munoz.  
* 2019 Mike Dev <mike.dev@gmx.de>  
* Distributed under the Boost Software License, Version 1.0.  
* (See accompanying file LICENSE_1_0.txt or copy at  
* https://www.boost.org/LICENSE\_1\_0.txt)  
*  
* NOTE: internalized from Boost.MultiIndex  
*  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/signals2/detail/scope\_guard.hpp  
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```
/*  
Copyright 2019 Glen Joseph Fernandes  
(glenjofe@gmail.com)
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io/ostream\_put.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/allocate\_unique.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/noinit\_adaptor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/not\_pointer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/detail/throw\_exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/use\_default.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/first_scalar.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/io/ostream_joiner.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/alloc_construct.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/range/detail/less.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/nvp.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/add_reference.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/default_allocator.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::detail::any_of`.
```

```
@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/any_of.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
@file
Defines experimental views.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/experimental/view.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines the @ref group-functional module.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional.hpp
No license file was found, but licenses were detected in source scan.
```

```

/*
[auto_generated]
boost/numeric/odeint/algebra/detail/for_each.hpp

[begin_description]
Default for_each implementations.
[end_description]

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Copyright 2011 Mario Mulansky

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*/

Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/for_each.hpp
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/*!
@file
Defines `boost::hana::IntegralConstant`.

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*/

Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/hana/concept/integral_constant.hpp
No license file was found, but licenses were detected in source scan.

//
// detail/impl/dev_poll_reactor.ipp
// ~~~~~
//
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
//
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// file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
//

#ifndef BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
#define BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP

```

```

#if defined(_MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>

#if defined(BOOST_ASIO_HAS_DEV_POLL)

#include <boost/asio/detail/dev_poll_reactor.hpp>
#include <boost/asio/detail/assert.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/error.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace detail {

dev_poll_reactor::dev_poll_reactor(boost::asio::execution_context& ctx)
: boost::asio::detail::execution_context_service_base<dev_poll_reactor>(ctx),
  scheduler_(use_service<scheduler>(ctx)),
  mutex_(),
  dev_poll_fd_(do_dev_poll_create()),
  interrupter_(),
  shutdown_(false)
{
  // Add the interrupter's descriptor to /dev/poll.
  ::pollfd ev = { 0, 0, 0 };
  ev.fd = interrupter_.read_descriptor();
  ev.events = POLLIN | POLLERR;
  ev.revents = 0;
  ::write(dev_poll_fd_, &ev, sizeof(ev));
}

dev_poll_reactor::~dev_poll_reactor()
{
  shutdown();
  ::close(dev_poll_fd_);
}

void dev_poll_reactor::shutdown()
{
  boost::asio::detail::mutex::scoped_lock lock(mutex_);
  shutdown_ = true;
  lock.unlock();

  op_queue<operation> ops;

```

```

for (int i = 0; i < max_ops; ++i)
    op_queue_[i].get_all_operations(ops);

timer_queues_.get_all_timers(ops);

scheduler_.abandon_operations(ops);
}

void dev_poll_reactor::notify_fork(
    boost::asio::execution_context::fork_event fork_ev)
{
    if (fork_ev == boost::asio::execution_context::fork_child)
    {
        detail::mutex::scoped_lock lock(mutex_);

        if (dev_poll_fd_ != -1)
            ::close(dev_poll_fd_);
        dev_poll_fd_ = -1;
        dev_poll_fd_ = do_dev_poll_create();

        interrupter_.recreate();

        // Add the interrupter's descriptor to /dev/poll.
        ::pollfd ev = { 0, 0, 0 };
        ev.fd = interrupter_.read_descriptor();
        ev.events = POLLIN | POLLERR;
        ev.revents = 0;
        ::write(dev_poll_fd_, &ev, sizeof(ev));

        // Re-register all descriptors with /dev/poll. The changes will be written
        // to the /dev/poll descriptor the next time the reactor is run.
        for (int i = 0; i < max_ops; ++i)
        {
            reactor_op_queue<socket_type>::iterator iter = op_queue_[i].begin();
            reactor_op_queue<socket_type>::iterator end = op_queue_[i].end();
            for (; iter != end; ++iter)
            {
                ::pollfd& pending_ev = add_pending_event_change(iter->first);
                pending_ev.events |= POLLERR | POLLHUP;
                switch (i)
                {
                    {
                        case read_op: pending_ev.events |= POLLIN; break;
                        case write_op: pending_ev.events |= POLLOUT; break;
                        case except_op: pending_ev.events |= POLLPRI; break;
                        default: break;
                    }
                }
            }
        }
    }
}

```

```

    }
    interrupter_.interrupt();
}
}

void dev_poll_reactor::init_task()
{
    scheduler_.init_task();
}

int dev_poll_reactor::register_descriptor(socket_type, per_descriptor_data&)
{
    return 0;
}

int dev_poll_reactor::register_internal_descriptor(int op_type,
    socket_type descriptor, per_descriptor_data&, reactor_op* op)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    op_queue_[op_type].enqueue_operation(descriptor, op);
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLERR | POLLHUP;
    switch (op_type)
    {
    case read_op: ev.events |= POLLIN; break;
    case write_op: ev.events |= POLLOUT; break;
    case except_op: ev.events |= POLLPRI; break;
    default: break;
    }
    interrupter_.interrupt();

    return 0;
}

void dev_poll_reactor::move_descriptor(socket_type,
    dev_poll_reactor::per_descriptor_data&,
    dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::start_op(int op_type, socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&, reactor_op* op,
    bool is_continuation, bool allow_speculative)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    if (shutdown_)

```

```

{
    post_immediate_completion(op, is_continuation);
    return;
}

if (allow_speculative)
{
    if (op_type != read_op || !op_queue_[except_op].has_operation(descriptor))
    {
        if (!op_queue_[op_type].has_operation(descriptor))
        {
            if (op->perform())
            {
                lock.unlock();
                scheduler_.post_immediate_completion(op, is_continuation);
                return;
            }
        }
    }
}

```

```

bool first = op_queue_[op_type].enqueue_operation(descriptor, op);
scheduler_.work_started();
if (first)
{
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLERR | POLLHUP;
    if (op_type == read_op
        || op_queue_[read_op].has_operation(descriptor))
        ev.events |= POLLIN;
    if (op_type == write_op
        || op_queue_[write_op].has_operation(descriptor))
        ev.events |= POLLOUT;
    if (op_type == except_op
        || op_queue_[except_op].has_operation(descriptor))
        ev.events |= POLLPRI;
    interrupter_.interrupt();
}
}

```

```

void dev_poll_reactor::cancel_ops(socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);
    cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

```

```

void dev_poll_reactor::deregister_descriptor(socket_type descriptor,

```

```

    dev_poll_reactor::per_descriptor_data&, bool)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll.
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLREMOVE;
    interrupter_.interrupt();

    // Cancel any outstanding operations associated with the descriptor.
    cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

void dev_poll_reactor::deregister_internal_descriptor(
    socket_type descriptor, dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll. Since this function is only called
    // during a fork, we can apply the change immediately.
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLREMOVE;
    ev.revents = 0;
    ::write(dev_poll_fd_, &ev, sizeof(ev));

    // Destroy all operations associated with the descriptor.
    op_queue<operation> ops;
    boost::system::error_code ec;
    for (int i = 0; i < max_ops; ++i)
        op_queue_[i].cancel_operations(descriptor, ops, ec);
}

void dev_poll_reactor::cleanup_descriptor_data(
    dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::run(long usec, op_queue<operation>& ops)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // We can return immediately if there's no work to do and the reactor is
    // not supposed to block.
    if (usec == 0 && op_queue_[read_op].empty() && op_queue_[write_op].empty()
        && op_queue_[except_op].empty() && timer_queues_.all_empty())
        return;

```

```

// Write the pending event registration changes to the /dev/poll descriptor.
std::size_t events_size = sizeof(::pollfd) * pending_event_changes_.size();
if (events_size > 0)
{
    errno = 0;
    int result = ::write(dev_poll_fd_,
        &pending_event_changes_[0], events_size);
    if (result != static_cast<int>(events_size))
    {
        boost::system::error_code ec = boost::system::error_code(
            errno, boost::asio::error::get_system_category());
        for (std::size_t i = 0; i < pending_event_changes_.size(); ++i)
        {
            int descriptor = pending_event_changes_[i].fd;
            for (int j = 0; j < max_ops; ++j)
                op_queue_[j].cancel_operations(descriptor, ops, ec);
        }
    }
    pending_event_changes_.clear();
    pending_event_change_index_.clear();
}

// Calculate timeout.
int timeout;
if (usec == 0)
    timeout = 0;
else
{
    timeout = (usec < 0) ? -1 : ((usec - 1) / 1000 + 1);
    timeout = get_timeout(timeout);
}
lock.unlock();

// Block on the /dev/poll descriptor.
::pollfd events[128] = { { 0, 0, 0 } };
::dvpoll dp = { 0, 0, 0 };
dp.dp_fds = events;
dp.dp_nfds = 128;
dp.dp_timeout = timeout;
int num_events = ::ioctl(dev_poll_fd_, DP_POLL, &dp);

lock.lock();

// Dispatch the waiting events.
for (int i = 0; i < num_events; ++i)
{
    int descriptor = events[i].fd;
    if (descriptor == interrupter_.read_descriptor())

```

```

{
    interrupter_.reset();
}
else
{
    bool more_reads = false;
    bool more_writes = false;
    bool more_except = false;

    // Exception operations must be processed first to ensure that any
    // out-of-band data is read before normal data.
    if (events[i].events & (POLLPRI | POLLERR | POLLHUP))
        more_except =
            op_queue_[except_op].perform_operations(descriptor, ops);
    else
        more_except = op_queue_[except_op].has_operation(descriptor);

    if (events[i].events & (POLLIN | POLLERR | POLLHUP))
        more_reads = op_queue_[read_op].perform_operations(descriptor, ops);
    else
        more_reads = op_queue_[read_op].has_operation(descriptor);

    if (events[i].events & (POLLOUT | POLLERR | POLLHUP))
        more_writes = op_queue_[write_op].perform_operations(descriptor, ops);
    else
        more_writes = op_queue_[write_op].has_operation(descriptor);

    if ((events[i].events & (POLLERR | POLLHUP)) != 0
        && !more_except && !more_reads && !more_writes)
    {
        // If we have an event and no operations associated with the
        // descriptor then we need to delete the descriptor from /dev/poll.
        // The poll operation can produce POLLHUP or POLLERR events when there
        // is no operation pending, so if we do not remove the descriptor we
        // can end up in a tight polling loop.
        ::pollfd ev = { 0, 0, 0 };
        ev.fd = descriptor;
        ev.events = POLLREMOVE;
        ev.revents = 0;
        ::write(dev_poll_fd_, &ev, sizeof(ev));
    }
    else
    {
        ::pollfd ev = { 0, 0, 0 };
        ev.fd = descriptor;
        ev.events = POLLERR | POLLHUP;
        if (more_reads)
            ev.events |= POLLIN;
    }
}

```

```

    if (more_writes)
        ev.events |= POLLOUT;
    if (more_except)
        ev.events |= POLLPRI;
    ev.revents = 0;
    int result = ::write(dev_poll_fd_, &ev, sizeof(ev));
    if (result != sizeof(ev))
    {
        boost::system::error_code ec(errno,
            boost::asio::error::get_system_category());
        for (int j = 0; j < max_ops; ++j)
            op_queue_[j].cancel_operations(descriptor, ops, ec);
    }
}
}
}
timer_queues_.get_ready_timers(ops);
}

void dev_poll_reactor::interrupt()
{
    interrupter_.interrupt();
}

int dev_poll_reactor::do_dev_poll_create()
{
    {
        int fd = ::open("/dev/poll", O_RDWR);
        if (fd == -1)
        {
            boost::system::error_code ec(errno,
                boost::asio::error::get_system_category());
            boost::asio::detail::throw_error(ec, "/dev/poll");
        }
        return fd;
    }
}

void dev_poll_reactor::do_add_timer_queue(timer_queue_base& queue)
{
    {
        mutex::scoped_lock lock(mutex_);
        timer_queues_.insert(&queue);
    }
}

void dev_poll_reactor::do_remove_timer_queue(timer_queue_base& queue)
{
    {
        mutex::scoped_lock lock(mutex_);
        timer_queues_.erase(&queue);
    }
}

```

```

int dev_poll_reactor::get_timeout(int msec)
{
    // By default we will wait no longer than 5 minutes. This will ensure that
    // any changes to the system clock are detected after no longer than this.
    const int max_msec = 5 * 60 * 1000;
    return timer_queues_.wait_duration_msec(
        (msec < 0 || max_msec < msec) ? max_msec : msec);
}

void dev_poll_reactor::cancel_ops_unlocked(socket_type descriptor,
    const boost::system::error_code& ec)
{
    bool need_interrupt = false;
    op_queue<operation> ops;
    for (int i = 0; i < max_ops; ++i)
        need_interrupt = op_queue_[i].cancel_operations(
            descriptor, ops, ec) || need_interrupt;
    scheduler_.post_deferred_completions(ops);
    if (need_interrupt)
        interrupter_.interrupt();
}

::pollfd& dev_poll_reactor::add_pending_event_change(int descriptor)
{
    {
        hash_map<int, std::size_t>::iterator iter
            = pending_event_change_index_.find(descriptor);
        if (iter == pending_event_change_index_.end())
        {
            std::size_t index = pending_event_changes_.size();
            pending_event_changes_.reserve(pending_event_changes_.size() + 1);
            pending_event_change_index_.insert(std::make_pair(descriptor, index));
            pending_event_changes_.push_back(::pollfd());
            pending_event_changes_[index].fd = descriptor;
            pending_event_changes_[index].revents = 0;
            return pending_event_changes_[index];
        }
        else
        {
            return pending_event_changes_[iter->second];
        }
    }
}

} // namespace detail
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

```

```
#endif // defined(BOOST_ASIO_HAS_DEV_POLL)
```

```
#endif // BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/asio/detail/impl/dev_poll_reactor.ipp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2016 Paul Fultz II  
boost/hof.hpp  
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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof.hpp
```

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```
/* Value observers for a very simple basic_result type  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)  
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_result\_value\_observers.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp  
No license file was found, but licenses were detected in source scan.

/\*\*

\* -\*- c++ -\*-

\*

\* \file operations.hpp

\*

\* \brief This header includes several headers from the operation directory.

\*

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\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* \author Gunter Winkler (guwi17 at gmx dot de)

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/operations.hpp  
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/\*!

@file

Forward declares `boost::hana::monadic\_compose`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/fwd/monadic\_compose.hpp

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/\*

=====  
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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array.hpp

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/\*!

@file

Forward declares `boost::hana::range`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/range.hpp

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\*  
\* This header is deprecated, use boost/winapi/process.hpp instead.  
\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/process.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/hermitian.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/detail/vector\_assign.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/pthread/once.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/tensor/multi\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/math/special\_functions/asinh.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pending/property.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_base\_w32.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/scoped\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/boundary/boundary\_point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/suite/indexing/detail/indexing\_suite\_detail.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matcher/attr\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/throw\_exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/win32/basic\_timed\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/blas.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/matrix.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_base\_vacpp\_ppc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/shared\_array.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/nowide/utf/utf.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/nowide/replacement.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/detail/config.hpp  
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zip/1.75.0/include/boost/numeric/ublas/detail/documentation.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/recursive\_mutex.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/traits.hpp  
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zip/1.75.0/include/boost/numeric/ublas/tensor/storage\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/nowide/utf/convert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/matrix\_expression.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/operation.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/detail/platform\_time.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/encoding\_errors.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/mutex.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/info.hpp  
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zip/1.75.0/include/boost/math/special\_functions/acosh.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/cv\_status.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/lu.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/message.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/lockfree/detail/tagged\_ptr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/math/common\_factor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/win32/once.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/boundary/segment.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/util.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/tensor/ostream.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pending/stringtok.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/tensor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_action.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/functional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/tensor/index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/time\_zone.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/condition\_variable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/localization\_backend.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pending/detail/disjoint\_sets.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/checked\_delete.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/integer/common\_factor\_ct.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/pthread/once\_atomic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/vector\_of\_vector.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/locale/formatting.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/tensor/strides.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/suite/indexing/container\_utils.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/composite/directives.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/context.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/variant_find_substitute.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_substitute.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_variant.hpp
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```

```
/*!
@file
Forward declares `boost::hana::front`.
```

```
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*/
```

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/front.hpp
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```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Macro expansion engine
```

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_macromap.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_times.hpp

[begin\_description]

Default integrate times implementation.

[end\_description]

Copyright 2011-2015 Mario Mulansky

Copyright 2012 Karsten Ahnert

Copyright 2012 Christoph Koke

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/uuid/detail/uuid\_generic.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/compute/compute\_algebra.hpp

[begin\_description]

An algebra for Boost.Compute vectors.

[end\_description]

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Copyright 2009-2011 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_algebra.hpp  
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/\*!

@file

Forward declares `boost::hana::span``.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/span.hpp  
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/\*

boost/numeric/odeint/stepper/detail/adaptive\_adams\_coefficients.hpp

[begin\_description]

Calculation of the coefficients for the adaptive adams stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adaptive\_adams\_coefficients.hpp

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@file

Defines the `BOOST\_HANA\_ADAPT\_STRUCT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/adapt\_struct.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/functors.hpp

[begin\_description]

some functors for the iterator based integrate routines

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/detail/functors.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/functors.hpp

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```
/*=====
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=====*/
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::id`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/id.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::none`.
```

```
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```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/none.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2010 Vicente J. Botet Escriba
```

```
* Copyright 2015 Andrey Semashev
```

```
* Copyright 2017 James E. King, III
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE_1_0.txt
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/wait.hpp

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```
/*=====
Copyright (c) 2014 Paul Fultz II
forward.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/forward.hpp

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```
/*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* Copyright (c) 2009 Helge Bahmann
* Copyright (c) 2013 Tim Blechmann
* Copyright (c) 2012 - 2014 Andrey Semashev
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/caps\_windows.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/caps\_arch\_msvc\_x86.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/caps\_arch\_msvc\_arm.hpp

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```
/*
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*
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* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/detail/cast\_ptr.hpp

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```
/*=====
Copyright (c) 2003 Joel de Guzman
Copyright (c) 2003 Vaclav Vesely
=====*/
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/lazy.hpp

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zip/1.75.0/include/boost/limits.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/library/std/\_prefix.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/library/c/\_prefix.h

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/storage\_traits.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/iostreams/write.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/impl/handler.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/detail/lexer/parser/tokeniser/re\_tokeniser\_helper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/typeof/type\_encoding.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/execution/detail/bulk\_sender.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/win\_iocp\_thread\_info.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/core/impl/buffered\_read\_stream.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/associated\_executor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pfr/detail/functional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/spawn.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/limits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pfr/functors.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/win\_iocp\_io\_context.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/windows/basic\_object\_handle.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ip/detail/socket\_option.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/process/detail/windows/file\_out.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pfr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ssl/impl/host\_name\_verification.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/filter/bzip2.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/scheduler.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ssl/context.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/concurrency\_hint.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/core/string\_param.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/chrono.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/detail/lexer/char\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/websocket/impl/rfc6455.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/process/detail/windows/cmd.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/core/file.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/device/file.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/websocket/detail/mask.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/assert.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/process/shell.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/compose.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/experimental/as\_single.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ip/tcp.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/core/flat\_static\_buffer.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/array.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/process/io.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/detail/thread.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/impl/spawn.hpp

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[auto\_generated]

boost/numeric/odeint/iterator/n\_step\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.

[end\_description]

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@file

Defines `boost::hana::detail::fast\_and`.

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repeat.h

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Boost.Wave: A Standard compliant C++ preprocessor library

Persistent application configuration

<http://www.boost.org/>

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\* See <http://www.boost.org/libs/iostreams> for documentation.

\*

\* File: boost/iostreams/detail/path.hpp

\* Date: Sat Jun 21 21:24:05 MDT 2008

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\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the class boost::iostreams::detail::path, for storing a

\* a std::string or std::wstring.

\*

\* This class allows interoperability with Boost.Filesystem without

\* creating a dependence on Boost.Filesystem headers or implementation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/path.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/for\_each\_fwd.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/is\_permutation.hpp

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\*

\* This header is deprecated, use boost/winapi/event.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/event.hpp

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/\*!

@file

Defines `boost::hana::drop\_back`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/drop\_back.hpp

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/\*!

@file

Defines `boost::hana::detail::create`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/create.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/viennacl\_operations.hpp

[begin\_description]

ViennaCL operations.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/external/viennacl/viennacl\_operations.hpp

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@file

Defines `boost::hana::partition`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/partition.hpp

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/\*!

@file

Defines common methods for all Boost.Fusion sequences.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/ext/boost/fusion/detail/common.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/detail/parse\_auto.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/skip\_flag.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/directive/matches.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/utree/utree\_traits\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/detail/parse.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/detail/alternative\_function.hpp

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\*  
\* This header is deprecated, use boost/winapi/priority\_class.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/priority\_class.hpp  
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```
/* boost random/vector_io.hpp header file
*
* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/vector\_io.hpp  
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```
/* boost random/hyperexponential_distribution.hpp header file
*
* Copyright Marco Guazzone 2014
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* Much of the code here taken by boost::math::hyperexponential_distribution.
* To this end, we would like to thank Paul Bristow and John Maddock for their
* valuable feedback.
*
* \author Marco Guazzone (marco.guazzone@gmail.com)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/hyperexponential\_distribution.hpp  
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```
/*!  
@file
```

Forward declares `boost::hana::zero`.

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\*/

Found in path(s):

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/key.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/is\_function.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/mem\_fun.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/seq\_index\_node.hpp

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/\*!

@file

Forward declares `boost::hana::length`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/length.hpp

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```
//  
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// file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)  
//  
// Official repository: https://github.com/boostorg/beast  
//
```

```
#ifndef BOOST_BEAST_DETAIL_IMPL_TEMPORARY_BUFFER_IPP  
#define BOOST_BEAST_DETAIL_IMPL_TEMPORARY_BUFFER_IPP
```

```
#include <boost/beast/core/detail/temporary_buffer.hpp>  
#include <boost/beast/core/detail/clamp.hpp>  
#include <boost/core/exchange.hpp>  
#include <boost/assert.hpp>  
#include <memory>  
#include <cstring>
```

```
namespace boost {  
namespace beast {  
namespace detail {
```

```
void  
temporary_buffer::  
append(string_view s)  
{  
    grow(s.size());  
    unchecked_append(s);  
}
```

```
void  
temporary_buffer::  
append(string_view s1, string_view s2)  
{  
    grow(s1.size() + s2.size());  
    unchecked_append(s1);  
    unchecked_append(s2);  
}
```

```
void  
temporary_buffer::  
unchecked_append(string_view s)  
{
```

```

    auto n = s.size();
    std::memcpy(&data_[size_], s.data(), n);
    size_ += n;
}

void
temporary_buffer::
grow(std::size_t n)
{
    if (capacity_ - size_ >= n)
        return;

    auto const capacity = (n + size_) * 2u;
    BOOST_ASSERT(! detail::sum_exceeds(
        n, size_, capacity));
    char* const p = new char[capacity];
    std::memcpy(p, data_, size_);
    deallocate(boost::exchange(data_, p));
    capacity_ = capacity;
}
} // detail
} // beast
} // boost

```

#endif

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/impl/temporary\_buffer.ipp  
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```

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+-----*/

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/size.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/element\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_total.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/has\_set\_semantics.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_continuous.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_element\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/size\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/segment\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/codomain\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_separator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_discrete.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_concept\_equivalent.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/has\_inverse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/no\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_combinable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_associative\_element\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_joiner.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_splitter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/identity\_element.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/domain\_type\_of.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/file\_iterator.hpp  
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/\*!  
@file

Forward declares `boost::hana::greater\_equal`.

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\*/

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zip/1.75.0/include/boost/interprocess/detail/os\_thread\_functions.hpp

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/\*\*

\* \_\*- c++ -\*-

\*

\* \file num\_rows.hpp

\*

\* \brief The \c num\_rows operation.

\*

\* Copyright (c) 2009-2012, Marco Guazzone

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/ublas/operation/num\_rows.hpp

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/\*!

@file

Forward declares `boost::hana::Monoid`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/monoid.hpp

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```
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Copyright (c) 2010 Eric Niebler

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/domain.hpp

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```
/*!
@file
Forward declares `boost::hana::Metafunction`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/metafunction.hpp

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```
/* boost random/exponential_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Copyright Steven Watanabe 2011
* Copyright Jason Rhinelander 2016
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/exponential\_distribution.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/copy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/auto.hpp

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```
/* *****
# *
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# * http://www.boost.org/LICENSE_1_0.txt)
# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/va\_opt.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/check\_empty.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/util/unit_helper.hpp
```

```
[begin_description]
Get and set the value of a unit.
[end_description]
```

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\*/



```
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* Copyright (c) Microsoft Corporation 2014
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/time.hpp
```

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```
/*=====
Copyright (c) 2001-2010 Joel de Guzman
Copyright (c) 2001-2010 Hartmut Kaiser
Copyright (c) 2009 Francois Barel
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/repository/include/qi_nonterminal.hpp
```

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```
/*=====
Copyright (c) 2012 Paul Fultz II
seq.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/seq.hpp
```

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/cons\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the preprocessor iterator

http://www.boost.org/

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LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_iterator.hpp  
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```
/* Copyright 2003-2014 Joaquin M Lopez Munoz.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/multi_index for library home page.
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/cons\_stdtuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/is\_transparent.hpp  
No license file was found, but licenses were detected in source scan.

```
// (C) Copyright Ion Gaztanaga 2005-2012. Distributed under the Boost
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/semaphore.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/mem\_algo/rbtree\_best\_fit.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/iunordered\_set\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/upgradable\_lock.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/scoped\_lock.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/segment\_manager.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/adaptive\_pool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/sharable\_lock.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/private\_adaptive\_pool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_heap\_memory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/ptime\_to\_timespec.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config\_end.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/semaphore.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed\_multi\_shared\_memory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/lock\_options.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/mapped\_region.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/shm/named\_condition\_any.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/map\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/semaphore\_wrapper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/null\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/sync\_utils.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/cached\_node\_allocator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_mapped\_file.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/condition.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/file\_mapping.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/permissions.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/sync/file\_lock.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/interprocess/interprocess\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/anonymous\_shared\_memory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/mutex\_family.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/pthread\_helpers.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/unordered\_map\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_external\_buffer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_shared\_memory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/windows\_shared\_memory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/named\_upgradable\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/condition\_algorithm\_8a.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/in\_place\_interface.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/cast\_tags.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/allocator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/ipc/message\_queue.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_upgradable\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed\_memory\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/cached\_adaptive\_pool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_semaphore.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/detail/adaptive\_node\_pool.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/indexes/flat_map_index.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/errors.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/windows/recursive_mutex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/named_sharable_mutex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/allocators/node_allocator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/named_proxy.hpp
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```

```
/* Boost interval/rounded_transc.hpp template implementation file
*
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/rounded_transc.hpp
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```

```
/*!
@file
Defines `boost::hana::size`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/size.hpp
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```

```
/*=====
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Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2010-2011 Bryce Lelbach

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/utree.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/utree\_traits.hpp

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/\*\*

\* -\*- c++ -\*-

\*

\* \file num\_columns.hpp

\*

\* \brief The \c num\_columns operation.

\*

\* Copyright (c) 2009, Marco Guazzone

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/ublas/operation/num\_columns.hpp

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/\*!

@file

Forward declares `boost::hana::lexicographical_compare`.`

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/fwd/lexicographical\_compare.hpp

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/\*!

@file

Defines `boost::hana::length`.`

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/length.hpp

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/\*

@file is\_noexcept

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/is\_noexcept.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/cpp\_dec\_float.hpp

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/\*!

@file

Forward declares `boost::hana::lazy`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/lazy.hpp

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/\*!

@file

Forward declares `boost::hana::take\_front` and `boost::hana::take\_front\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/take\_front.hpp  
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\*/

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*/

\* Defines the function boost::iostreams::detail::absolute\_path, used for

\* debug output for mapped files.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/absolute\_path.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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result\_of.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/result\_of.hpp

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identity.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/identity.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::min`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/min.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Group`.
```

```
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```

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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/group.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines the `Logical` and `Comparable` models of `boost::hana::integral_constant`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/bool.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost random/subtract_with_carry.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2002
```

```
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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2002-03-02 created

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/subtract\_with\_carry.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/viennacl/viennacl\_resize.hpp

[begin\_description]

Enable resizing for viennacl vector.

[end\_description]

Copyright 2012 Denis Demidov

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/viennacl/viennacl\_resize.hpp

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/\*!

@file

Defines `boost::hana::detail::hash_table``.

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@copyright Jason Rice 2016

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/hash\_table.hpp

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/\*!

@file

Forward declares `boost::hana::take\_while`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/take\_while.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/is\_xxx.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/function/function.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get\_current\_process\_id.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get\_process\_times.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/expression.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/version.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/version.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/version.hpp

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/\*!

@file

Defines `boost::hana::curry`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/functional/curry.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/core/pointer\_traits.hpp

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```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/actor.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/attributes\_fwd.hpp

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```
//
// ip/impl/network_v4.hpp
// ~~~~~
//
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
//
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// file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
//
```

```
#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
#define BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```

#include <boost/asio/detail/config.hpp>
#include <climits>
#include <cstdio>
#include <cstdlib>
#include <stdexcept>
#include <boost/asio/error.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/ip/network_v4.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace ip {

network_v4::network_v4(const address_v4& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
if (prefix_len > 32)
{
std::out_of_range ex("prefix length too large");
boost::asio::detail::throw_exception(ex);
}
}

network_v4::network_v4(const address_v4& addr, const address_v4& mask)
: address_(addr),
  prefix_length_(0)
{
address_v4::bytes_type mask_bytes = mask.to_bytes();
bool finished = false;
for (std::size_t i = 0; i < mask_bytes.size(); ++i)
{
if (finished)
{
if (mask_bytes[i])
{
std::invalid_argument ex("non-contiguous netmask");
boost::asio::detail::throw_exception(ex);
}
continue;
}
else
{
switch (mask_bytes[i])
{

```

```

case 255:
    prefix_length_ += 8;
    break;
case 254: // prefix_length_ += 7
    prefix_length_ += 1;
case 252: // prefix_length_ += 6
    prefix_length_ += 1;
case 248: // prefix_length_ += 5
    prefix_length_ += 1;
case 240: // prefix_length_ += 4
    prefix_length_ += 1;
case 224: // prefix_length_ += 3
    prefix_length_ += 1;
case 192: // prefix_length_ += 2
    prefix_length_ += 1;
case 128: // prefix_length_ += 1
    prefix_length_ += 1;
case 0: // nbits += 0
    finished = true;
    break;
default:
    std::out_of_range ex("non-contiguous netmask");
    boost::asio::detail::throw_exception(ex);
}
}
}
}

address_v4 network_v4::netmask() const BOOST_ASIO_NOEXCEPT
{
    uint32_t nmbits = 0xffffffff;
    if (prefix_length_ == 0)
        nmbits = 0;
    else
        nmbits = nmbits << (32 - prefix_length_);
    return address_v4(nmbits);
}

address_v4_range network_v4::hosts() const BOOST_ASIO_NOEXCEPT
{
    return is_host()
        ? address_v4_range(address_, address_v4(address_.to_uint() + 1))
        : address_v4_range(address_v4(network().to_uint() + 1), broadcast());
}

bool network_v4::is_subnet_of(const network_v4& other) const
{
    if (other.prefix_length_ >= prefix_length_)

```

```

    return false; // Only real subsets are allowed.
    const network_v4 me(address_, other.prefix_length_);
    return other.canonical() == me.canonical();
}

std::string network_v4::to_string() const
{
    boost::system::error_code ec;
    std::string addr = to_string(ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

std::string network_v4::to_string(boost::system::error_code& ec) const
{
    using namespace std; // For sprintf.
    ec = boost::system::error_code();
    char prefix_len[16];
    #if defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
    #else // defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf(prefix_len, "%u", prefix_length_);
    #endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
    return address_.to_string() + prefix_len;
}

network_v4 make_network_v4(const char* str)
{
    return make_network_v4(std::string(str));
}

network_v4 make_network_v4(const char* str, boost::system::error_code& ec)
{
    return make_network_v4(std::string(str), ec);
}

network_v4 make_network_v4(const std::string& str)
{
    boost::system::error_code ec;
    network_v4 net = make_network_v4(str, ec);
    boost::asio::detail::throw_error(ec);
    return net;
}

network_v4 make_network_v4(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

```

```

if (pos == std::string::npos)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

if (pos == str.size() - 1)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
if (end != std::string::npos)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

const address_v4 addr = make_address_v4(str.substr(0, pos), ec);
if (ec)
    return network_v4();

const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
if (prefix_len < 0 || prefix_len > 32)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

return network_v4(addr, static_cast<unsigned short>(prefix_len));
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

network_v4 make_network_v4(string_view str)
{
    return make_network_v4(static_cast<std::string>(str));
}

network_v4 make_network_v4(string_view str,
    boost::system::error_code& ec)
{
    return make_network_v4(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

```

```
} // namespace ip
} // namespace asio
} // namespace boost
```

```
#include <boost/asio/detail/pop_options.hpp>
```

```
#endif // BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ip/impl/network\_v4.ipp

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```
/* *****
# *
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# * accompanying file LICENSE_3_0.txt or copy at
# * http://www.boost.org/LICENSE_3_0.txt)
# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_1024.hpp
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward3\_1024.hpp

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```
/*
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http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/version.h

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```
/*=====
Copyright (c) 2012 Paul Fultz II
delegate.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/delegate.hpp

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@file

Defines operators for Searchables.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/operators/searchable.hpp

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@file

Defines `boost::hana::remove\_at` and `boost::hana::remove\_at\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/remove\_at.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/allocation\_type.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/copy\_move\_algo.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/flat\_set.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/adaptive\_pool.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/pool\_common\_alloc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/pair\_key\_mapped\_of\_value.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/min\_max.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/alloc\_lib.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/flat\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/node\_pool\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/version\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/workaround.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/detail/workaround.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/pool\_common.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/adl\_move\_swap.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/config\_end.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/config\_begin.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/node\_alloc\_holder.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/multiallocation\_chain.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/node\_pool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::Monad`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/monad.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::Ring`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/ring.hpp

No license file was found, but licenses were detected in source scan.

```
/* boost random/negative_binomial_distribution.hpp header file
*
* Copyright Steven Watanabe 2010
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/random/negative_binomial_distribution.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Distributed under the Boost Software License, Version 1.0 (see accompanying
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/protected.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/check.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/config.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/decl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/base_types.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/operation/function.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/inlined.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/inlined/detail/checking.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/utility/is.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/static_local_var.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/checking.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/operation/public_function.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/virtual.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/auto_ptr.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/virtual.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/call_if.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/exception.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/contract/detail/operation/static_public_function.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/name.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/constructor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/override.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/access.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/specify.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/core/constructor\_precondition.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/destructor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/operator\_safe\_bool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/private.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/tvariadic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/public\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/old.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/optional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_subcontracting.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/declspec.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/config.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_inv.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/assert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/assert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/preprocessor/keyword/public.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/constructor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/mirror.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/none.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/noop.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract\_macro.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/operation/destructor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/condition/cond\_post.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/inlined/core/exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/contract/detail/type\_traits/member\_function\_types.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/debug.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/core/check\_macro.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/contract/detail/condition/cond\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/inlined/old.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/contract/detail/check.hpp  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/sync/shm/named\_creation\_functor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/allocators/detail/node\_tools.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/detail/interprocess\_tester.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2010 Joel de Guzman

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::flatten`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/flatten.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/algebra/array_algebra.hpp

[begin_description]
Algebra for Arrays. Highly specialized for odeint. Const arguments are
```

introduce to work with odeint.

The Array algebra can be used for Array structures with two template parameters:

Array<T, N>

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/array\_algebra.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/index\_base.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/safe\_mode\_errors.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/hashed\_index.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/random\_access\_index.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/define\_if\_constexpr\_macro.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/scope\_guard.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/sequenced\_index.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/undef\_if\_constexpr\_macro.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/allocator\_traits.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/safe\_mode.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/auto\_space.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/copy\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ranked\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/bucket\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/converter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/archive\_constructed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/hash\_index\_node.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_ptr\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/seq\_index\_ops.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/node\_handle.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/hash\_index\_iterator.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/mpl/clear.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/mpl/clear.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Boost interval/compare/possible.hpp template implementation file
*
* Copyright 2003 Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/possible.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/adaptive\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/impl/adaptive\_iterator\_impl.hpp

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/\*

=====  
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Copyright (c) 2001-2011 Hartmut Kaiser

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*//

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/argument\_expression.hpp

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// Copyright 2011 Simon West. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/weighted\_sum\_kahan.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Moulton method.

[end\_description]

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::take`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/take.hpp

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/\*!

@file

Defines `boost::hana::tuple`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/tuple.hpp

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/\* Boost interval/detail/ppc\_rounding\_control.hpp file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

```
* Copyright 2005 Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/ppc_rounding_control.hpp
No license file was found, but licenses were detected in source scan.
```

```
/**
 * -*- c++ -*-
 *
 * \file begin.hpp
 *
 * \brief The \c begin operation.
 *
 * Copyright (c) 2009, Marco Guazzone
 *
 * Distributed under the Boost Software License, Version 1.0. (See
 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE\_1\_0.txt)
 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/begin.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/faure.hpp header file
*
* Copyright Justinas Vygintas Daugmaudis 2010-2018
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/faure.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::is_a` and `boost::hana::is_an`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/is\_a.hpp

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/intermodule\_singleton\_common.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/intermodule\_singleton.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/managed\_global\_memory.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/xsi\_shared\_memory.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/windows\_intermodule\_singleton.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/file\_locking\_helpers.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/portable\_intermodule\_singleton.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/xsi\_shared\_memory\_file\_wrapper.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/containers/containers\_fwd.hpp

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/\*

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\*

\* This header is deprecated, it provides the deprecated namespace for backward compatibility.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/detail/winapi/detail/deprecated\_namespace.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/stepper/detail/generic\_rk\_operations.hpp

[begin\_description]  
Operations caller for the generic Runge Kutta method.  
[end\_description]

Copyright 2011 Mario Mulansky  
Copyright 2011-2012 Karsten Ahnert

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_operations.hpp  
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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

http://www.boost.org/

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Copyright (c) 2001-2012 Hartmut Kaiser.
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/cplexer/re2clex/scanner.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cplexer/re2clex/aq.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
```

Thanks to Nevin for his comments/help.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/hex.hpp

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```
/* Boost interval/detail/c99_rounding_control.hpp file
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/c99_rounding_control.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::greater`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/greater.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::mult`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/mult.hpp
```

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```
/*=====
Copyright (c) 2011 Jamboree
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
```

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/seek.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_seek.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive/seek.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/cauchy_distribution.hpp header file
*
* Copyright Jens Maurer 2000-2001
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/cauchy\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::detail::array`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/array.hpp  
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/\*=====

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This is a strict lexer conforming to the Standard as close as possible. It does not allow the '\$' to be part of identifiers. If you need the '\$' character in identifiers please include the lexer definition provided in the cpp.re file.

TODO:

handle errors better.

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cpplexer/re2clex/strict\_cpp\_re.inc

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/catch\_exceptions.hpp

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\*

\* Copyright (c) 2012 Hartmut Kaiser

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/link.hpp

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/\*!

@file

Defines `boost::hana::take\_while`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/take\_while.hpp

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/\* Policies for result and outcome  
(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (4 commits)  
File Created: Sep 2018

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/policy/fail\_to\_compile\_observers.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) 2011 Thomas Heller

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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope/this.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::monadic_compose`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/monadic_compose.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::apply`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/apply.hpp
```

No license file was found, but licenses were detected in source scan.

```
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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/detail/null.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/builtin.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/type_eraser/detail/get_placeholders.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/type_eraser/detail/check_call.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/detail/vtable.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/type_eraser/dynamic_binding.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/same_type.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/type_eraser/detail/normalize.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/type_eraser/detail/instantiate.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/relaxed.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/placeholder_of.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_eraser/placeholder.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/access.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/const.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/get\_signature.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/param.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/is\_empty.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/binding.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/member11.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/dynamic\_vtable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/register\_binding.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/meta.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/storage.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/is\_placeholder.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/constructible.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/deduced.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/dynamic\_any\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/binding\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/check\_match.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/extract\_concept.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/static\_binding.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/normalize\_deduced.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/tuple.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/derived.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/any.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/rebind\_placeholders.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/operators.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/any\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/is\_subconcept.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/check\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/auto\_link.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/any\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/callable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/detail/macro.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_erasure/concept\_interface.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/require_match.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/config.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/type_erasure/detail/adapt_to_vtable.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/concept_of.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/rebind_any.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/typeid_of.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/free.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type_erasure/member.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/type_erasure/detail/construct.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_times.hpp
```

```
[begin_description]
Integration of ODEs with observation at user defined points
[end_description]
```

```
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Copyright 2009-2011 Mario Mulansky
```

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copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate_times.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::detail::ebo`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/ebo.hpp
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```

```
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```

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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/posix/recursive_mutex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/interprocess_recursive_mutex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/spin/recursive_mutex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/sync/posix/mutex.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/compute/compute_operations.hpp
```

```
[begin_description]
```

```
Operations of Boost.Compute zipped iterators. Is the counterpart of the compute_algebra.
```

```
[end_description]
```

```
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```

```
Copyright 2009-2011 Mario Mulansky
```

```
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```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute_operations.hpp
```

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```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
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```

```
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```

```
*
```

```
* This header is deprecated, use boost/winapi/jobs.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/jobs.hpp
```

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```
/*=====
Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)
Copyright (c) 2011 Bryce Lelbach
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/actor/ref_value_actor.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines a SFINAE-friendly version of `std::common_type`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/hana/detail/std_common_type.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_const.hpp

[begin_description]
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.
The routines makes full use of adaptive and dense-output methods.
[end_description]
```

```
Copyright 2011-2013 Karsten Ahnert
Copyright 2011-2015 Mario Mulansky
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_const.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/algebra/multi\_array\_algebra.hpp

[begin\_description]

tba.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/multi\_array\_algebra.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/system.hpp

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@file

Defines `boost::hana::adjust_if`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/adjust\_if.hpp  
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[auto\_generated]

boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp

[begin\_description]

Implementation of the Dense-output stepper for all steppers. Note, that this class does not computes the result but serves as an interface.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/view/transform\_view/detail/value\_at\_impl.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/local\_gen.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/construct\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/new\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_30.hpp

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@file

Defines `boost::hana::monadic\_fold\_left`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/monadic\_fold\_left.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_algebra.hpp

[begin\_description]

An algebra for thrusts device\_vectors.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_algebra.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/make\_controlled.hpp

[begin\_description]

Factory function to simplify the creation of controlled steppers from error steppers.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/generation/make\_controlled.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/default\_value\_policy.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/function.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/function.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_reference.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_const.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_const.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/traits.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_lvalue\_reference\_member.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_lvalue\_reference\_member.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_const\_member.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_const\_member.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/utility.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/utility.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/apply\_member\_pointer.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/apply\_member\_pointer.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_cv.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/has\_member\_qualifiers.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/args.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/is\_invocable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/pmd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/pmf.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_volatile.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_cv\_member.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/function\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/has\_void\_return.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/class\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/apply\_return.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/set\_function\_qualifiers.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/add\_varargs.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_volatile.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/function\_object.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/has\_varargs.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_const.hpp  
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@file

Defines `boost::hana::reverse\_fold`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/get\_proc\_address.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/wait\_on\_address.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/wait\_constants.hpp

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@file

Forward declares `boost::hana::eval\_if`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/eval\_if.hpp

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/\*

\* Copyright 2017 Andrey Semashev

\*

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\*

\* This header is deprecated, use boost/winapi/get\_current\_thread\_id.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/get\_current\_thread\_id.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::lexicographical\_compare`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/lexicographical\_compare.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::while\_`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/while.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/detail/qrng\_base.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/qrng\_base.hpp

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// (C) Copyright Pablo Halpern 2009. Distributed under the Boost

// (C) Copyright Ion Gaztanaga 2011-2014. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/pointer\_traits.hpp

No license file was found, but licenses were detected in source scan.

// The contents of this file may be used under the terms of the Apache License,

// <http://www.apache.org/licenses/LICENSE-2.0>)

// Alternatively, the contents of this file may be used under the terms of

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/json/detail/ryu/detail/digit\_table.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/ryu/ryu.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/ryu/detail/d2s.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/json/detail/ryu/detail/d2s\_intrinsics.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/json/detail/ryu/detail/d2s\_full\_table.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/json/detail/ryu/impl/d2s.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/json/detail/ryu/detail/common.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2009-2010 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/deref_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/deref_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/key_of_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/value_of_data_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/value_of_impl.hpp
```

No license file was found, but licenses were detected in source scan.

```
// Copyright 2016 John Maddock. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/min_max.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/algebra/range_algebra.hpp
```

```
[begin_description]
```

Default algebra, which works with the most state types, like `vector< double >`, `boost::array< double >`, `boost::range`. Internally is uses `boost::range` to obtain the begin and end iterator of the according sequence.

```
[end_description]
```

```
Copyright 2010-2013 Karsten Ahnert
Copyright 2010-2013 Mario Mulansky
```

```
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/numeric/odeint/algebra/range\_algebra.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2009 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2010 Christopher Schmidt

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/extension.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt\_base.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
Copyright (C) 2002 Brad King (brad.king@kitware.com)
    Douglas Gregor (gregod@cs.rpi.edu)
```

Copyright (C) 2002, 2008, 2013 Peter Dimov

Copyright (C) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/addressof.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/detail/niederreiter_base2_table.hpp header file
*
* Copyright Justinas Vygintas Daugmaudis 2010-2018
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/detail/niederreiter\_base2\_table.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::nested_than`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/nested_than.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::and_`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/and.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::div`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/div.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/odeint_error.hpp
```

```
[begin_description]
```

```
Runtime Exceptions thrown by odeint
```

```
[end_description]
```

Copyright 2015 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/odeint\_error.hpp

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* Copyright (c) 2009, 2011 Helge Bahmann

\* Copyright (c) 2009 Phil Endecott

\* Copyright (c) 2013 Tim Blechmann

\* Linux-specific code by Phil Endecott

\* Copyright (c) 2014 Andrey Semashev

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_linux\_arm.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_linux\_arm.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_linux\_arm.hpp

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//

// detail/impl/strand\_executor\_service.hpp

// ~~~~~

//

// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)

//

// Distributed under the Boost Software License, Version 1.0. (See accompanying

// file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

//

#ifndef BOOST\_ASIO\_DETAIL\_IMPL\_STRAND\_EXECUTOR\_SERVICE\_IPP

#define BOOST\_ASIO\_DETAIL\_IMPL\_STRAND\_EXECUTOR\_SERVICE\_IPP

#if defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

```

# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>
#include <boost/asio/detail/strand_executor_service.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace detail {

strand_executor_service::strand_executor_service(execution_context& ctx)
: execution_context_service_base<strand_executor_service>(ctx),
  mutex_(),
  salt_(0),
  impl_list_(0)
{
}

void strand_executor_service::shutdown()
{
  op_queue<scheduler_operation> ops;

  boost::asio::detail::mutex::scoped_lock lock(mutex_);

  strand_impl* impl = impl_list_;
  while (impl)
  {
    impl->mutex_->lock();
    impl->shutdown_ = true;
    ops.push(impl->waiting_queue_);
    ops.push(impl->ready_queue_);
    impl->mutex_->unlock();
    impl = impl->next_;
  }
}

strand_executor_service::implementation_type
strand_executor_service::create_implementation()
{
  implementation_type new_impl(new strand_impl);
  new_impl->locked_ = false;
  new_impl->shutdown_ = false;

  boost::asio::detail::mutex::scoped_lock lock(mutex_);

  // Select a mutex from the pool of shared mutexes.

```

```

std::size_t salt = salt_++;
std::size_t mutex_index = reinterpret_cast<std::size_t>(new_impl.get());
mutex_index += (reinterpret_cast<std::size_t>(new_impl.get()) >> 3);
mutex_index ^= salt + 0x9e3779b9 + (mutex_index << 6) + (mutex_index >> 2);
mutex_index = mutex_index % num_mutexes;
if (!mutexes_[mutex_index].get())
    mutexes_[mutex_index].reset(new mutex);
new_impl->mutex_ = mutexes_[mutex_index].get();

// Insert implementation into linked list of all implementations.
new_impl->next_ = impl_list_;
new_impl->prev_ = 0;
if (impl_list_)
    impl_list_->prev_ = new_impl.get();
impl_list_ = new_impl.get();
new_impl->service_ = this;

return new_impl;
}

strand_executor_service::strand_impl::~strand_impl()
{
    boost::asio::detail::mutex::scoped_lock lock(service_->mutex_);

// Remove implementation from linked list of all implementations.
if (service_->impl_list_ == this)
    service_->impl_list_ = next_;
if (prev_)
    prev_->next_ = next_;
if (next_)
    next_->prev_ = prev_;
}

bool strand_executor_service::enqueue(const implementation_type& impl,
    scheduler_operation* op)
{
    impl->mutex_->lock();
    if (impl->shutdown_)
    {
        impl->mutex_->unlock();
        op->destroy();
        return false;
    }
    else if (impl->locked_)
    {
        // Some other function already holds the strand lock. Enqueue for later.
        impl->waiting_queue_.push(op);
        impl->mutex_->unlock();
    }
}

```

```

    return false;
}
else
{
    // The function is acquiring the strand lock and so is responsible for
    // scheduling the strand.
    impl->locked_ = true;
    impl->mutex_->unlock();
    impl->ready_queue_.push(op);
    return true;
}
}

bool strand_executor_service::running_in_this_thread(
    const implementation_type& impl)
{
    return !call_stack<strand_impl>::contains(impl.get());
}

} // namespace detail
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_DETAIL_IMPL_STRAND_EXECUTOR_SERVICE_IPP

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/asio/detail/impl/strand_executor_service.ipp
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```

```

/* Copyright 2016-2018 Joaquin M Lopez Munoz.
 * Distributed under the Boost Software License, Version 1.0.
 * (See accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * See http://www.boost.org/libs/poly_collection for library home page.
 */

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/functional.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/segment.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/function_model.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-

```

```
zip/1.75.0/include/boost/poly_collection/detail/value_holder.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/poly_collection.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/base_model.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_const.hpp
```

```
[begin_description]
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.
The routines makes full use of adaptive and dense-output methods.
[end_description]
```

```
Copyright 2009-2011 Karsten Ahnert
Copyright 2009-2011 Mario Mulansky
```

```
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or
copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate_const.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Whitespace eater

http://www.boost.org/

Copyright (c) 2003 Paul Mensonides
Copyright (c) 2001-2012 Hartmut Kaiser.
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/whitespace_handling.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright (C) 2001
# * Housemarque Oy
# * http://www.housemarque.com
```

```
# *
# * Distributed under the Boost Software License, Version 1.0. (See
# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE_1_0.txt)
# *
# * See http://www.boost.org for most recent version.
# */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/adt.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2005 Eric Niebler
Copyright (c) 2007 Dan Marsden

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/algorithm/query/any.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/query/detail/any.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright Andrey Semashev 2016.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/keywords/permissions.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/keywords/capacity.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/utility/ipc/object_name.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/detail/sfinae_tools.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/log/keywords/overflow_policy.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/keywords/name.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/log/expressions/formatters/max_size_decorator.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/detail/c_str.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/detail/pause.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/keywords/block_size.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/log/keywords/enable\_final\_rotation.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::Constant`.  
  
@copyright Louis Dionne 2013-2017  
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/constant.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====*/  
Copyright (c) 2001-2014 Joel de Guzman  
Copyright (c) 2001-2012 Hartmut Kaiser  
http://spirit.sourceforge.net/  
  
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/transform\_attribute.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====*/  
Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2001-2011 Hartmut Kaiser  
Copyright (c) 2014 Thomas Bernard  
  
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/repeat.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::any_of`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/any\_of.hpp

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\* ARM Code by Phil Endecott, based on other architectures.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_arm.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_controlled\_runge\_kutta.hpp

[begin\_description]

Specialization of the controller factory for the controlled\_runge\_kutta class.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_controlled\_runge\_kutta.hpp

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/\*=====

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<http://spirit.sourceforge.net/>

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/switch.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/select.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/extension.hpp

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alias.h

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/alias.hpp

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/\*!

@file

Defines `boost::hana::duplicate`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/duplicate.hpp

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/\* Boost interval/utility.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/utility.hpp

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/\*!

@file

Defines `boost::hana::append`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/append.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_signature.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_prelude.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/function/lazy\_reuse.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/function/lazy\_operator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_smart.hpp  
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```
/*  
* Copyright 2017 Andrey Semashev  
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*  
* This header is deprecated, use boost/winapi/time.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/time.hpp  
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```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/unpack\_tuple.hpp  
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```
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```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque\_fwd.hpp  
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```
/*=====
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/pod\_singleton.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/usage.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept\_check/msvc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/requires.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/concept/detail/concept\_undef.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function3.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function\_n.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function1.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/detail/general.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/assert.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/concept\_check/has\_constraints.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function4.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/detail/function2.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept\_check/borland.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/archive/detail/register\_archive.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/detail/msvc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/concept/detail/has\_constraints.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/detail/concept\_def.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept/detail/borland.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/concept\_check/general.hpp

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Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/as\_set.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/set.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/list\_to\_cons.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/config.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/as\_vector.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_same\_size.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_vector.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_set.hpp

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```
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# * *  
# ***** */
```

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_empty\_or\_1.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is\_1.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/can\_be\_called.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/log/expressions/formatters/auto\_newline.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/log/keywords/auto\_newline\_mode.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/log/utility/manipulators/auto\_newline.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/log/sinks/auto\_newline\_mode.hpp

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/\*!

@file

Defines `boost::hana::empty`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/empty.hpp

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```
/*
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 *
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 * Copyright (c) 2012 Tim Blechmann
 * Copyright (c) 2013 - 2014 Andrey Semashev
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_arch_gcc_x86.hpp
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```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/fusion.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try_catch_eval_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try_catch_expression_10.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch_20.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/catch_push_back_10.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/support/preprocessed/vector_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor_result_of_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch_30.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_40.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_eval_50.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor_result_of_10.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_30.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try\_catch\_eval\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/detail/cpp03/preprocessed/function\_operator\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/function/detail/cpp03/function\_operator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/dynamic\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/support/preprocessed/vector\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/comparison.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor\_operator\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/arithmetic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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[auto\_generated]

boost/numeric/odeint/config.hpp

[begin\_description]

Sets configurations for odeint and used libraries. Should be included before any other odeint library

[end\_description]

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@file

Forward declares `boost::hana::permutations`.

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```
@file
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```
Defines `boost::hana::drop_front_exactly`.
```

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Defines `boost::hana::lift`.
```

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[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_n\_steps.hpp

[begin\_description]

integrate steps implementation

[end\_description]

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[auto\_generated]

boost/numeric/odeint/util/copy.hpp

[begin\_description]

Copy abstraction for the usage in the steppers.

[end\_description]

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@file

Forward declares `boost::hana::second`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/second.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/serialize.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

```
zip/1.75.0/include/boost/multiprecision/cpp_bin_float/io.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/cpp_int/literals.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/float128.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/bitscan.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/cpp_bin_float/transcendental.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/ublas_interop.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/float_string_cvt.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multiprecision/cpp_int/value_pack.hpp
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```

```
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// http://www.boost.org/LICENSE\_1\_0.txt)
```

```
#ifndef BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP
#define BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP
```

```
#include <algorithm>
#include <exception>
#include <memory>
#include <tuple>
```

```
#include <boost/assert.hpp>
#include <boost/config.hpp>
#include <boost/context/detail/config.hpp>
```

```
#include <boost/context/fiber.hpp>
```

```
#include <boost/coroutine2/detail/config.hpp>
#include <boost/coroutine2/detail/wrap.hpp>
```

```
#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_PREFIX
#endif
```

```
namespace boost {
namespace coroutines2 {
namespace detail {
```

```
// pull_coroutine< T >
```

```
template< typename T >
```

```

void
pull_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T >
          typename push_coroutine< T >::control_block synthesized_cb{ this, c };
          push_coroutine< T > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized push_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const&) {
                  throw;
            }
            #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
                } catch ( abi::__forced_unwind const&) {
                    throw;
            }
            #endif
                } catch (...) {
                    // store other exceptions in exception-pointer
                    except = std::current_exception();
                }
            }
            // set termination flags
            state |= state_t::complete;
            // jump back
            return std::move( other->c).resume();
        },
        std::forward< Fn >( fn) ) },
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T >
          typename push_coroutine< T >::control_block synthesized_cb{ this, c };
          push_coroutine< T > synthesized{ & synthesized_cb };

```

```

    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy ) ) {
        try {
            auto fn = std::move( fn_ );
            // call coroutine-fn with synthesized push_coroutine as argument
            fn( synthesized );
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    return std::move( other->c ).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{ },
bvalid{ false },
storage{ } {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except );
    }
}

template< typename T >
pull_coroutine< T >::control_block::control_block( typename push_coroutine< T >::control_block * cb,
                                                boost::context::fiber & c_ ) noexcept :
    c{ std::move( c_ ) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{ } {
}

template< typename T >
pull_coroutine< T >::control_block::~~control_block() {
    // destroy data if set

```

```

    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage )->~T());
    }
}

```

```

template< typename T >
void
pull_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

```

```

template< typename T >
void
pull_coroutine< T >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
void
pull_coroutine< T >::control_block::set( T const& t ) {
    // destroy data if set
    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage )->~T());
    }
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) T( t);
    bvalid = true;
}

```

```

template< typename T >
void
pull_coroutine< T >::control_block::set( T && t ) {
    // destroy data if set
    if ( bvalid ) {
        reinterpret_cast< T * >( std::addressof( storage )->~T());
    }
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) T( std::move( t ));
    bvalid = true;
}

```

```

template< typename T >
T &
pull_coroutine< T >::control_block::get() noexcept {
    return * reinterpret_cast< T * >( std::addressof( storage ) );
}

```

```

}

template< typename T >
bool
pull_coroutine< T >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete) && bvalid;
}

// pull_coroutine< T & >

template< typename T >
void
pull_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
          // create synthesized push_coroutine< T & >
          typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
          push_coroutine< T & > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized push_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const&) {
                  throw;
            }
#endif
            } catch ( abi::__forced_unwind const&) {
                throw;
            }
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
}

```

```

        // set termination flags
        state |= state_t::complete;
        // jump back
        return std::move( other->c).resume();
    },
    std::forward< Fn >( fn ) },
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
        // create synthesized push_coroutine< T & >
        typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
        push_coroutine< T & > synthesized{ & synthesized_cb };
        other = & synthesized_cb;
        if ( state_t::none == ( state & state_t::destroy) ) {
            try {
                auto fn = std::move( fn_);
                // call coroutine-fn with synthesized push_coroutine as argument
                fn( synthesized);
            } catch ( boost::context::detail::forced_unwind const&) {
                throw;
            }
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
            } catch ( abi::__forced_unwind const&) {
                throw;
            }
#endif
            } catch (...) {
                // store other exceptions in exception-pointer
                except = std::current_exception();
            }
        }
        // set termination flags
        state |= state_t::complete;
        // jump back
        return std::move( other->c).resume();
    } },
#endif
    other{ nullptr },
    state{ state_t::unwind },
    except{ },
    bvalid{ false },
    storage{ } {
        c = std::move( c).resume();
        if ( except) {
            std::rethrow_exception( except);
        }
    }
}

template< typename T >
pull_coroutine< T & >::control_block::control_block( typename push_coroutine< T & >::control_block * cb,

```

```

boost::context::fiber & c_) noexcept :
    c{ std::move( c_ ) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{} {
}

template< typename T >
void
pull_coroutine< T & >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
pull_coroutine< T & >::control_block::resume() {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

template< typename T >
void
pull_coroutine< T & >::control_block::set( T & t ) {
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) holder{ t };
    bvalid = true;
}

template< typename T >
T &
pull_coroutine< T & >::control_block::get() noexcept {
    return reinterpret_cast< holder * >( std::addressof( storage ) )->t;
}

template< typename T >
bool
pull_coroutine< T & >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete ) && bvalid;
}

// pull_coroutine< void >

```

```

inline
void
pull_coroutine< void >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename StackAllocator, typename Fn >
pull_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
            // create synthesized push_coroutine< void >
            typename push_coroutine< void >::control_block synthesized_cb{ this, c };
            push_coroutine< void > synthesized{ & synthesized_cb };
            other = & synthesized_cb;
            if ( state_t::none == ( state & state_t::destroy) ) {
                try {
                    auto fn = std::move( fn_);
                    // call coroutine-fn with synthesized push_coroutine as argument
                    fn( synthesized);
                } catch ( boost::context::detail::forced_unwind const& ) {
                    throw;
                }
            }
            #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
                } catch ( abi::__forced_unwind const& ) {
                    throw;
            }
            #endif
            } catch (...) {
                // store other exceptions in exception-pointer
                except = std::current_exception();
            }
        }
        // set termination flags
        state |= state_t::complete;
        // jump back
        return std::move( other->c).resume();
    },
    std::forward< Fn >( fn) ),
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        [this, fn_=std::forward< Fn >( fn)]( boost::context::fiber && c) mutable {
            // create synthesized push_coroutine< void >
            typename push_coroutine< void >::control_block synthesized_cb{ this, c };
            push_coroutine< void > synthesized{ & synthesized_cb };

```

```

    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized push_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const&) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const&) {
            throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
    // set termination flags
    state |= state_t::complete;
    // jump back to ctx
    return std::move( other->c).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

inline
pull_coroutine< void >::control_block::control_block( push_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

inline
void
pull_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind) ) {
        destroy( this);
    }
}

```

```

inline
void
pull_coroutine< void >::control_block::resume() {
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

inline
bool
pull_coroutine< void >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete);
}

}}}

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif

#endif // BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/coroutine2/detail/pull_control_block_cc.ipp
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```

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```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/robust_emulation.hpp
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```

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Revision history:

27 June 2009 mtc First version  
23 Oct 2010 mtc Added predicate version

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/clamp.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector\_chooser50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list40\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list10\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list\_to\_cons20.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_deque10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/set.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/as\_vector50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/as\_set50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_list10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vvector40\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_keyed\_values20.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/as\_set40.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/as\_deque10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_set50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple50\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/as\_map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/as\_vector10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/deque\_tie30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/as\_set.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple40.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list20\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/as\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/as\_map40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_keyed\_values.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/make\_tuple40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/make\_tuple30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/as\_map30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_initial\_size30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_initial\_size40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/preprocessed/zip.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/make\_tuple20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_deque20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/set\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_initial\_size.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_list.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/as\_map50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vvector50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_deque50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple\_tie30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/deque\_tie40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_map20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple40\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/as\_vector30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_list30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple10\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/vector\_tie50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple\_tie40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/as\_deque.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_vector50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/list\_tie20.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/preprocessed/make\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/deque\_keyed\_values40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple30\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/set10\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map20\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2006 Dan Marsden

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/convert.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/stepper/symplectic_rkn_sb3a_mclachlan.hpp

[begin_description]
Implementation of the symplectic MacLachlan stepper for separable Hamiltonian system.
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_mclachlan.hpp

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::basic_tuple`.
```

```
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```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/basic_tuple.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/compute/compute_operations_dispatcher.hpp
```

```
[begin_description]
```

```
operations_dispatcher specialization for Boost.Compute
```

```
[end_description]
```

```
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```

```
Copyright 2009-2013 Mario Mulansky
```

```
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```

```
copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute_operations_dispatcher.hpp
```

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```
/* boost random/mersenne_twister.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

```
* Copyright Steven Watanabe 2010
```

```
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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```



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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/detail/value\_storage.hpp

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/\*!

@file

Forward declares `boost::hana::maximum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/maximum.hpp

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/\*!

@file

Forward declares `boost::hana::fold\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/fold\_right.hpp

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```
/*
 * Copyright 2017 Andrey Semashev
 *
 * Distributed under the Boost Software License, Version 1.0.
 * See http://www.boost.org/LICENSE\_1\_0.txt
 *
 * This header is deprecated, use boost/winapi/limits.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/limits.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
 * Defines the class template boost::iostreams::detail::filter_adapter,
 * a convenience base class for filter adapters.
 *
 * File:    boost/iostreams/detail/adapter/filter_adapter.hpp
 * Date:    Mon Nov 26 14:35:48 MST 2007
 * Copyright: 2007-2008 CodeRage, LLC
 * Author:   Jonathan Turkanis
 * Contact:  turkanis at coderage dot com
 *
 * Distributed under the Boost Software License, Version 1.0.(See accompanying
 * file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt.)
 *
 * See http://www.boost.org/libs/iostreams for documentation.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/iostreams/detail/adapter/filter_adapter.hpp
No license file was found, but licenses were detected in source scan.
```

```
/**
 * -*- c++ -*-
 *
 * \file const_iterator_type.hpp
 *
 * \brief Const iterator to a given container type.
 *
 * Copyright (c) 2009, Marco Guazzone
 *
 * Distributed under the Boost Software License, Version 1.0. (See
 * accompanying file LICENSE_1_0.txt or copy at
 * http://www.boost.org/LICENSE\_1\_0.txt)
 */
```

\*  
\* \author Marco Guazzone, marco.guazzone@gmail.com  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/traits/const\_iterator\_type.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2012 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/attributes.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2010 Thomas Heller

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/construct.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/detail/target.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/io.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/do\_while.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/new.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/if\_else.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_gen.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/reinterpret\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/while.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/switch.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/const\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/value.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/for.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/delete.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/object/dynamic\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/reference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/object/static\_cast.hpp  
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/\*!

@file

Defines `boost::hana::fold\_right`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fold\_right.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/detail/extract\_value\_type.hpp

[begin\_description]

Extract true value type from complex types (eg. std::complex)

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/algebra/detail/extract\_value\_type.hpp

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```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/apc.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/apc.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/external/thrust/thrust_resize.hpp
```

```
[begin_description]  
Enable resizing for thrusts device and host_vector.  
[end_description]
```

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust_resize.hpp  
No license file was found, but licenses were detected in source scan.
```

```
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/explicit_operator_bool.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/smart_ptr/intrusive_ref_counter.hpp
```

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```
/* A partial result based on std::variant and proposed std::error
(C) 2020 Niall Douglas <http://www.nedproductions.biz/> (11 commits)
File Created: Jan 2020
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/result.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright Andrey Semashev 2007 - 2015.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/detail/value_ref_visitation.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/sources/record_ostream.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/utility/setup.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/utility/setup/console.hpp  
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zip/1.75.0/include/boost/log/keywords/incomplete\_marker.hpp  
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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/context.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/terminal_expression.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/terminal.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/argument.hpp
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/uses_allocator.hpp
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```
/* Proposed SG14 status_code
```

```
(C) 2018 - 2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)
```

```
File Created: May 2020
```

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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/quick_status_code_from_enum.hpp
```

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```
/*!
```

```
@file
```

```
Defines operators for Orderables.
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/orderable.hpp

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/\*

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\*

\* This header is deprecated, use boost/winapi/semaphore.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/semaphore.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/extract\_real.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/container\_traits.hpp

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/\* The following code declares class array,

\* an STL container (as wrapper) for arrays of constant size.

\*  
\* See  
\* <http://www.boost.org/libs/array/>  
\* for documentation.  
\*  
\* The original author site is at: <http://www.josuttis.com/>  
\*  
\* (C) Copyright Nicolai M. Josuttis 2001.  
\*  
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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* 9 Jan 2013 - (mtc) Added constexpr  
\* 14 Apr 2012 - (mtc) Added support for boost::hash  
\* 28 Dec 2010 - (mtc) Added cbegin and cend (and crbegin and crend) for C++Ox compatibility.  
\* 10 Mar 2010 - (mtc) fill method added, matching resolution of the standard library working group.  
\* See <<http://www.open-std.org/jtc1/sc22/wg21/docs/lwg-defects.html#776>> or Trac issue #3168  
\* Eventually, we should remove "assign" which is now a synonym for "fill" (Marshall Clow)  
\* 10 Mar 2010 - added workaround for SUNCC and !STLPort [trac #3893] (Marshall Clow)  
\* 29 Jan 2004 - c\_array() added, BOOST\_NO\_PRIVATE\_IN\_AGGREGATE removed (Nico Josuttis)  
\* 23 Aug 2002 - fix for Non-MSVC compilers combined with MSVC libraries.  
\* 05 Aug 2001 - minor update (Nico Josuttis)  
\* 20 Jan 2001 - STLport fix (Beman Dawes)  
\* 29 Sep 2000 - Initial Revision (Nico Josuttis)  
\*  
\* Jan 29, 2004  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/array.hpp

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/\* Boost interval/policies.hpp template implementation file

\*

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\*

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@file

Defines `boost::hana::common` and `boost::hana::common\_t`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/common.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/null\_observer.hpp

[begin\_description]

null\_observer

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/null\_observer.hpp

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/\* boost random/non\_central\_chi\_squared\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/random/non\_central\_chi\_squared\_distribution.hpp

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```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/end_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/std_array_iterator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/begin_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/is_sequence_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/std_array.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/is_view_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_array/detail/size_impl.hpp
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```

```
/*!
@file
Adapts `std::pair` for use with Hana.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/std/pair.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::negate`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/negate.hpp

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/\*!

@file

Defines `boost::hana::max`.

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@file

Defines several `constexpr` algorithms.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/algorithm.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/flyweight\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/serialize.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/assoc\_container\_factory.hpp

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/\*!

@file

Adapts `std::integer\_sequence` for use with Hana.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/integer\_sequence.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_2.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_2.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs\_2.hpp

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@file

Defines `boost::hana::detail::variadic::reverse\_apply\_flat`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply/flat.hpp  
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@file

Defines `boost::hana::detail::variadic::at`.

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@file

Defines `boost::hana::tap`.

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the unput queue iterator

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/util/unput\_queue\_iterator.hpp

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Forward declares `boost::hana::Applicative`.

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zip/1.75.0/include/boost/hana/fwd/concept/applicative.hpp

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/\* boost random/independent\_bits.hpp header file

\*

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\*

\* \$Id\$

\*

\*/

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/\*!

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Adapts `boost::fusion::list` for use with Hana.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/fusion/list.hpp

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```
/*=====
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```

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```

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/raw.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/action/action.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/directive/omit.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/operator/sequential\_or.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/operator/difference.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/permutation.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/permute\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/sequence\_base\_id.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/what.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/encoding.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/pass\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/what\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/and\_predicate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/fail\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/lexeme.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/operator/not\_predicate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/no\_case.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/skip.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/directive/hold.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/expect\_function.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/next\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/nview/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/cpp03/nview\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/value\_of\_impl.hpp  
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/\* Proposed SG14 status\_code

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/generic\_code.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/config.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse\_fold.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/stepper\_traits.hpp

[begin\_description]

tba.

[end\_description]

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Found in path(s):

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 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/detail/footer.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/header.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/footer.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/detail/header.hpp
```

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```
/*!
@file
Forward declares `boost::hana::for_each`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/for_each.hpp
```

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```
/*=====
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 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/meta/refactoring.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/meta/fundamental.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/utility/lists.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/utility/regex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/utility/confix.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl.hpp

[begin\_description]

includes all headers required for using vexcl in odeint

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl.hpp

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/\*

=====  
Copyright (c) 2001-2011 Joel de Guzman

Copyright (c) 2007 Dan Marsden

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/iteration/fold.hpp

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protect.h

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/protect.hpp

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/\*!

@file

Defines `boost::hana::optional`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/optional.hpp

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@file

Forward declares `boost::hana::Foldable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/foldable.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/times\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.

The dereferenced type contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/times\_time\_iterator.hpp

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/\*!

@file

Defines `boost::hana::to` and related utilities.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/to.hpp

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@file

Forward declares `boost::hana::back`.

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/\* boost random/gamma\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/gamma\_distribution.hpp

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static\_const\_var.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/static\_const\_var.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/stepper\_categories.hpp

[begin\_description]

Definition of all stepper categories.

[end\_description]

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/\*

\* Defines the class template boost::iostreams::detail::device\_adapter,  
\* a convenience base class for device adapters.

\*

\* File: boost/iostreams/detail/adapter/filter\_adapter.hpp

\* Date: Mon Nov 26 14:35:48 MST 2007

\*

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/adaptor/device\_adapter.hpp  
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\*/

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/\*

[auto\_generated]  
boost/numeric/odeint/util/same\_instance.hpp

[begin\_description]  
Basic check if two variables are the same instance  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/util/same\_instance.hpp  
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zip/1.75.0/include/boost/interprocess/sync/spin/interprocess\_barrier.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/detail/bad\_weak\_ptr.hpp  
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/\* Traits for Outcome

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)  
File Created: March 2018

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zip/1.75.0/include/boost/outcome/detail/trait\_std\_error\_code.hpp

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```
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=====*/
```

Found in path(s):

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zip/1.75.0/include/boost/hof/detail/holder.hpp

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```
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recursive_constexpr_depth.hpp
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=====*/
```

Found in path(s):

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zip/1.75.0/include/boost/hof/detail/recursive\_constexpr\_depth.hpp

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```
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*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/bit\_aligned\_pixel\_reference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/gil/extension/io/tiff/detail/device.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/container/mapped\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/png.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/numeric/sampler.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/io/get\_write\_device.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/packed\_pixel.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/core.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/algorithm/remove.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/container/basic\_string.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/toolbox/metafunctions/is\_homogeneous.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/functional/detail/nvidia\_ballot.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/types.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/functional/hash.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/user\_event.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/io/pnm/detail/read.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/jpeg/read.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/io/tiff/detail/log.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/io/dynamic\_io\_new.hpp  
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zip/1.75.0/include/boost/compute/algorithm/adjacent\_find.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/bmp/read.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/buffer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/local\_function/aux\_/preprocessor/traits/decl\_/validate\_/this\_count.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/compute/algorithm/find\_if\_not.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/platform.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/io/make\_reader.hpp  
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zip/1.75.0/include/boost/compute/algorithm/minmax\_element.hpp  
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zip/1.75.0/include/boost/compute/algorithm/set\_symmetric\_difference.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/concepts/pixel\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/pnm/tags.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/detail/lru\_cache.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/compute/algorithm/prev\_permutation.hpp  
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 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/interop/qt/qpointhelper.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/algorithm/detail/scan\_on\_cpu.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/png/old.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/tiff/detail/is\_allowed.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/bmp/detail/is\_allowed.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/detail/sp\_thread\_yield.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/algorithm/detail/count\_if\_with\_threads.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/toolbox/color\_spaces/cmyka.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/pnm/detail/scanline\_read.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/types/struct.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/local\_function/config.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/cmyk.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/extension/io/targa/write.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/local\_function/aux\_/preprocessor/traits/decl\_sign\_/validate\_/defaults.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/detail/sha1.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/local\_function/detail/preprocessor/line\_counter.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/iterator.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/gil/deprecated.hpp  
 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/compute/algorithm/detail/copy\_to\_device.hpp



zip/1.75.0/include/boost/gil/extension/io/raw/detail/read.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/toolbox/toolbox.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/experimental/tabulate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/unique\_copy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/image\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/context.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/functional/detail/macros.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/lambda/placeholders.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/async/wait\_guard.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/functional/get.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/functional/logical.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/utilities.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/type\_traits/is\_fundamental.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/container/detail/scalar.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/detail/merge\_path.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/detail/serial\_accumulate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/experimental/sort\_by\_transform.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/color\_convert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/rgb.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/lambda.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/io/row\_buffer\_helper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/io/pnm/detail/write.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/extension/io/pnm/old.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/equal.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/detail/nvidia\_compute\_capability.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/gil/io/get\_writer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/utility/invoke.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/lambda/context.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/compute/algorithm/swap\_ranges.hpp  
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/\*

\* Copyright 2017 Andrey Semashev

\*

```
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE\_1\_0.txt
*
* This header is deprecated, use boost/winapi/overlapped.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/overlapped.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* [auto_generated]
boost/numeric/odeint/stepper/controlled_runge_kutta.hpp
```

```
[begin_description]
```

The default controlled stepper which can be used with all explicit Runge-Kutta error steppers.

```
[end_description]
```

```
Copyright 2010-2013 Karsten Ahnert
Copyright 2010-2015 Mario Mulansky
Copyright 2012 Christoph Koke
```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled_runge_kutta.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/detail/sparc_rounding_control.hpp file
```

```
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*
* The basic code in this file was kindly provided by Jeremy Siek.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/sparc_rounding_control.hpp
No license file was found, but licenses were detected in source scan.
```

/\*!

@file

Forward declares `boost::hana::minimum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/minimum.hpp

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/\*

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HEADER GUARDS INTENTIONALLY OMITTED

DO NOT INCLUDE THIS HEADER DIRECTLY

BOOST\_CLBL\_TRTS\_INCLUDE\_QUALIFIERS - the function-level qualifiers for the current inclusion (combinations of `const` `volatile` `&` `&&`, or nothing)

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for the current include (^transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for the current include (^noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_4.hpp

No license file was found, but licenses were detected in source scan.

```
/* boost random/seed_seq.hpp header file
*
* Copyright Steven Watanabe 2010
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/seed_seq.hpp
```

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```
// Copyright (C) 2000 Stephen Cleary
//
// Distributed under the Boost Software License, Version 1.0. (See
// accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org for updates, documentation, and revision history.
//
// This file was AUTOMATICALLY GENERATED from "stdin"
// Do NOT include directly!
// Do NOT edit!
```

```
template <typename T0>
element_type * construct(const T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
```

```

catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, const T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/pool/detail/pool_construct_simple.ipp
No license file was found, but licenses were detected in source scan.

```

```

/*
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*      Copyright Andrey Semashev 2015.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
*      http://www.boost.org/LICENSE_1_0.txt)
*/

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/log/utility/permissions.hpp
No license file was found, but licenses were detected in source scan.

```

```

/*!
@file
Defines `boost::hana::intersperse`.

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/intersperse.hpp
No license file was found, but licenses were detected in source scan.

```

```

/*!
@file
Defines `boost::hana::MonadPlus`.

```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/monad\_plus.hpp

No license file was found, but licenses were detected in source scan.

/\* boost uuid/detail/random\_provider\_wincrypt implementation

\*

\* Copyright Jens Maurer 2000

\* Copyright 2007 Andy Tompkins.

\* Copyright Steven Watanabe 2010-2011

\* Copyright 2017 James E. King III

\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/uuid/detail/random\_provider\_wincrypt.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/check\_adapter.hpp

[begin\_description]

Adapters to add checking facility to stepper and observer

[end\_description]

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/integrate/check\_adapter.hpp

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```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector20.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector40.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::count_if`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/count_if.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
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```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* Copyright (c) 2009 Helge Bahmann
```

```
* Copyright (c) 2013 Tim Blechmann
```

```
* Copyright (c) 2014, 2020 Andrey Semashev
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_ops_gcc_arm.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/gcc_arm_asm_common.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
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```
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/symbols.hpp

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/\* boost random/chi\_squared\_distribution.hpp header file

\*

\* Copyright Steven Watanabe 2011

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/chi\_squared\_distribution.hpp

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// Copyright 2006 Eric Niebler. Distributed under the Boost

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/times2\_iterator.hpp

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/\*!

@file

Forward declares `boost::hana::optional`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/optional.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/std\_tuple.hpp

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/\*=====

Copyright (c) 2002-2003 Joel de Guzman  
Copyright (c) 2002-2003 Juan Carlos Arevalo-Baeza  
<http://spirit.sourceforge.net/>

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/functor\_parser.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::cartesian\_product`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/cartesian\_product.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

[begin\_description]

Implementaiton of the Burlish-Stoer method with dense output

[end\_description]

Copyright 2011-2015 Mario Mulansky

Copyright 2011-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

No license file was found, but licenses were detected in source scan.

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zip/1.75.0/include/boost/spirit/home/karma/action/action.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/system/detail/error\_category.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/detail/get\_stricttag.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/nonterminal/detail/parameterized.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auto/auto.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/detail/combine\_policies.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/parse\_attr.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/adapt_adt_attributes.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/karma/detail/unused_delimiter.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/system/detail/system_category_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/system/detail/throws.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/csbl/queue.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/karma.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/karma/auxiliary/attr_cast.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/system/system_error.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/iterators/ostream_iterator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/thread/executors/thread_executor.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/karma/nonterminal/rule.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/hw_rounding.hpp template implementation file
*
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
* Copyright 2005 Guillaume Melquiond
*
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* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/hw_rounding.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::find`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/find.hpp
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```

```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/numeric/bool_policies.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/auto.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/binary.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/has_semantic_action.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match_manip_auto.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/detail/is_spirit_tag.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/binary.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/stream.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match_manip.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/handles_container.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/stream/stream.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/integrate/detail/integrate_n_steps.hpp

[begin_description]
integrate steps implementation
[end_description]
```

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Copyright 2009-2012 Mario Mulansky

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_n\_steps.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::foldr1`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/foldr1.hpp

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@file

Forward declares `boost::hana::insert\_range`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/insert\_range.hpp

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@file

Includes all the adaptors for the Boost.Fusion library.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/fusion.hpp

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@file

Forward declares `boost::hana::count`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/count.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/detail/bm\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/detail/debugging.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/boyer\_moore\_horspool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/knuth\_morris\_pratt.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/boyer\_moore.hpp  
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/\*!

@file

Defines `boost::hana::detail::nested\_to`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/nested\_to.hpp  
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\*

\* This header is deprecated, use `boost/winapi/get_current_process.hpp` instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/restrict\_impl.hpp

\* Date: Sun Jan 06 12:57:30 MST 2008

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* If included with the macro BOOST\_IOSTREAMS\_RESTRICT undefined, defines the

\* class template boost::iostreams::restriction. If included with the macro

\* BOOST\_IOSTREAMS\_RESTRICT defined as an identifier, defines the overloaded

\* function template boost::iostreams::BOOST\_IOSTREAMS\_RESTRICT, and object

\* generator for boost::iostreams::restriction.

\*

\* This design allows <boost/iostreams/restrict.hpp> and

\* <boost/iostreams/slice.hpp> to share an implementation.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/restrict\_impl.hpp

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Revision history:

January 2008 mtc Version for Adobe Source Library

January 2013 mtc Version for Boost.Algorithm

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/gather.hpp

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/\*!

@file

Forward declares `boost::hana::is\_subset`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/is\_subset.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/detail/invoker.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/detail/invoke.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/detail/make\_tuple\_indices.hpp

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/\* boost random/detail/generator\_bits.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/generator\_bits.hpp

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/\* Pointer to a SG14 status\_code

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File Created: Sep 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_ptr.hpp

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/\*!

@file

Forward declares `boost::hana::tap`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/tap.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate\_fwd.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/find\_if.hpp

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decorate.h

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp

[begin\_description]

Coefficients for the Adams Moulton method.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp  
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/\* Policies for result and outcome

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/policy/result\_error\_code\_throw\_as\_system\_error.hpp  
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\*

\* This header is deprecated, use boost/winapi/wait.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/wait.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_2.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_2.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/library/std/modena.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/hp\_acc.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/sparc.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/linux.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/mingw.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/borland.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/compaq.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/microtec.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture.h

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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/compiler/ekopath.h
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```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::intersection`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/intersection.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::drop_front_exactly`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/drop_front_exactly.hpp
```

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```
/* boost random/beta_distribution.hpp header file
```

```
*
```

\* Copyright Steven Watanabe 2014  
\* Distributed under the Boost Software License, Version 1.0. (See  
\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/beta\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2012 Paul Fultz II
implicit.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/implicit.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2008 Joel de Guzman
Copyright (c) 2001-2008 Hartmut Kaiser
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_while.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_distinct\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_push\_front\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phenix1\_closures.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_numerics.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_parser\_id.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_tree\_to\_xml.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phenix1\_primitives.hpp  
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zip/1.75.0/include/boost/spirit/include/classic\_distinct.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_exceptions\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_confix\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_confix.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_version.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/namespace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_sequential\_or.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_multi\_pass.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_actions.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_file\_iterator\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_insert\_at\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_operators.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phenix1\_binders.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_assert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_increment\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_range\_run.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_epsilon.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_parametric.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_exclusive\_or.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_list.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_debug.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_position\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_lists.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_symbols\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_safe\_bool.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_multi\_pass\_fwd.hpp  
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zip/1.75.0/include/boost/spirit/include/classic\_closure.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_if.hpp  
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zip/1.75.0/include/boost/spirit/include/classic\_difference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_grammar\_def.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix1\_tuples.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_lazy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_skipper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_ast\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_functor\_parser.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_parse\_tree\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_scoped\_lock.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_switch.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_ast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_sequential\_and.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_composite.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_actor.hpp

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```
/*=====
Copyright (c) 2014 Paul Fultz II
indirect.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/indirect.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::none_of`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/none\_of.hpp

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```
/*=====
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limit.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/limit.hpp

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```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE_1_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/crypt.hpp instead.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/crypt.hpp

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```
/* Boost interval/detail/x86_rounding_control.hpp file
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/x86_rounding_control.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::is_a` and `boost::hana::is_an`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/is_a.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
Copyright 2012-2019 Glen Joseph Fernandes
(glenjofe@gmail.com)
```

```
Distributed under the Boost Software License, Version 1.0.
(http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
*/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/smart_ptr/make_shared_array.hpp
*/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart_ptr/make_unique.hpp
*/opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/smart_ptr/allocate_shared_array.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2015 Paul Fultz II
```

construct.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/construct.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::index\_if`.

@copyright Louis Dionne 2013-2017

@copyright Jason Rice 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/index\_if.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) 2014 Lee Clagett

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/confix.hpp

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// Copyright Christopher Kormanyos 2013. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/dynamic\_array.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/utype\_helper.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/rebind.hpp

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/\*!

@file

Forward declares `boost::hana::tag\_of` and `boost::hana::tag\_of\_t`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/tag\_of.hpp

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/\*!

@file

Forward declares `boost::hana::max`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/max.hpp

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/\*=====

Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)

<http://spirit.sourceforge.net/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/assign\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/increment\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/push\_front\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/decrement\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_const\_ref\_a.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/insert\_key\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_value\_actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/actor/assign\_key\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/clear\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/swap\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/push\_back\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/erase\_actor.hpp  
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```
/*!  
@file  
Defines `boost::hana::unfold_left`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/unfold\_left.hpp  
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```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_deque.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/move.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/at\_key\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/deque\_tie.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/map/detail/at\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/map\_tie.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/auxiliary/move.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/chrono/io/time\_point\_io.hpp

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/\* boost random/detail/uniform\_int\_float.hpp header file

\*

\* Copyright Jens Maurer 2000-2001

\* Copyright Steven Watanabe 2011

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/random/detail/uniform\_int\_float.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/utf8.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_ns.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/is\_sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/boost\_tuple\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/mpl/push\_front.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string/tst\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/mpl/erase\_key.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/pop\_back.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/iterator\_base.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_vector\_tie.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/parser.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/as\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/info.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/as\_variant.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/mpl/pop\_back.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/iterator/equal\_to.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/iterator\_adapter.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string/symbols.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at\_c.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/success\_handler.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/value\_at\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/joint\_view.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_set/range\_functions.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/transform\_view\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/limits.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/rule.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/convert.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_ns\_so.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/reverse\_view\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/nonterminal/expand\_arg.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/begin\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/list\_to\_cons.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/size\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/access.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/limits.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp_make_map.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/utree.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std_tuple/std_tuple_iterator.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/generation.hpp  
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```

```
// Copyright 2010 Gaetano Mendola, 2011 Simon West. Distributed under the Boost
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/sum_kahan.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::symmetric_difference`.
```

```
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*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/symmetric_difference.hpp  
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```

```
/*!  
@file  
Forward declares `boost::hana::detail::nested_by`.
```

```
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*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/nested_by_fwd.hpp  
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```

```
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* Copyright (c) 2011 Helge Bahmann
```

\* Copyright (c) 2013 Tim Blechmann  
\* Copyright (c) 2014 Andrey Semashev  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_gcc\_sync.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_gcc\_sync.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/fences.hpp

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/log/utility/ipc/reliable\_message\_queue.hpp

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/\*=====

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Copyright (c) 2001-2011 Hartmut Kaiser  
Copyright (c) 2009 Francois Barel

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/nonterminal/extract\_param.hpp

No license file was found, but licenses were detected in source scan.

/\*  
[auto\_generated]  
boost/numeric/odeint/algebra/algebra\_dispatcher.hpp  
  
[begin\_description]  
Algebra dispatcher to automatically chose suitable algebra.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/algebra\_dispatcher.hpp

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/\* Boost interval/compare/certain.hpp template implementation file

\*

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\*

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/certain.hpp

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/\* boost random/traits.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* These traits classes serve two purposes: they are designed to mostly

\* work out of the box for multiprecision types (ie number types that are

\* C++ class types and not integers or floats from type-traits point of view),

\* they are also a potential point of specialization for user-defined

\* number types.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/traits.hpp

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```
/*-----+
Copyright (c) 2009-2009: Joachim Faulhaber
+-----+
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(See accompanying file LICENCE.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/element_iterator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/iterator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/mapped_reference.hpp
No license file was found, but licenses were detected in source scan.
```

```
//
// Copyright (c) 2017 James E. King III
//
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// (See accompanying file LICENSE_1_0.txt or copy at
// https://www.boost.org/LICENSE_1_0.txt)
//
// BCrypt provider for entropy
//
```

```
#include <cstddef>
#include <boost/config.hpp>
#include <boost/core/ignore_unused.hpp>
#include <boost/move/core.hpp>
#include <boost/numeric/conversion/cast.hpp>
#include <boost/winapi/bcrypt.hpp>
#include <boost/winapi/get_last_error.hpp>
#include <boost/throw_exception.hpp>
```

```
#if defined(BOOST_UUID_FORCE_AUTO_LINK) || (!defined(BOOST_ALL_NO_LIB) &&
!defined(BOOST_UUID_RANDOM_PROVIDER_NO_LIB))
# define BOOST_LIB_NAME "bcrypt"
# if defined(BOOST_AUTO_LINK_NOMANGLE)
# include <boost/config/auto_link.hpp>
# else
# define BOOST_AUTO_LINK_NOMANGLE
# include <boost/config/auto_link.hpp>
# undef BOOST_AUTO_LINK_NOMANGLE
# endif
#endif
```

```
namespace boost {
namespace uuids {
namespace detail {
```

```

class random_provider_base
{
    BOOST_MOVABLE_BUT_NOT_COPYABLE(random_provider_base)

public:
    random_provider_base()
        : hProv_(NULL)
    {
        boost::winapi::NTSTATUS_ status =
            boost::winapi::BCryptOpenAlgorithmProvider(
                &hProv_,
                boost::winapi::BCRYPT_RNG_ALGORITHM_,
                NULL,
                0);

        if (BOOST_UNLIKELY(status != 0))
        {
            BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptOpenAlgorithmProvider"));
        }
    }

    random_provider_base(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT :
    hProv_(that.hProv_)
    {
        that.hProv_ = NULL;
    }

    random_provider_base& operator=(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT
    {
        destroy();
        hProv_ = that.hProv_;
        that.hProv_ = NULL;
        return *this;
    }

    ~random_provider_base() BOOST_NOEXCEPT
    {
        destroy();
    }

    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        boost::winapi::NTSTATUS_ status =
            boost::winapi::BCryptGenRandom(

```

```

        hProv_,
        static_cast<boost::winapi::PUCHAR_>(buf),
        boost::numeric_cast<boost::winapi::ULONG_>(siz),
        0);

    if (BOOST_UNLIKELY(status != 0))
    {
        BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptGenRandom"));
    }
}

private:
    void destroy() BOOST_NOEXCEPT
    {
        if (hProv_)
        {
            boost::ignore_unused(boost::winapi::BCryptCloseAlgorithmProvider(hProv_, 0));
        }
    }

private:
    boost::winapi::BCRYPT_ALG_HANDLE_ hProv_;
};

} // detail
} // uuids
} // boost

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_bcrypt.ipp

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/\*=====

Phoenix v1.2

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/actor.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/binders.hpp

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// Copyright 2005 Daniel Egloff, Olivier Gygi. Distributed under the Boost

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p\_square\_cumul\_dist.hpp  
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```
/* ****  
# *  
# * (C) Copyright Paul Mensonides 2002.  
# * (C) Copyright Edward Diener 2014.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# **** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/push\_back.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/push\_front.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/algebra/detail/norm_inf.hpp
```

```
[begin_description]  
Default reduce implementation.  
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/norm\_inf.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::union`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/union.hpp  
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/\*!  
@file  
Includes all the adaptors for the Boost.MPL library.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/mpl.hpp  
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/\*!  
@file  
Defines `boost::hana::erase\_key`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/erase\_key.hpp  
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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/stl/container.hpp  
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```
/*
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 *
 * Copyright (c) 2020 Andrey Semashev
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/classify.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/aligned_variable.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/type_traits/alignment_of.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_operations_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_arch_ops_msvc_x86.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/wait_ops_freebsd_umtx.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/wait_ops_futex.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/extra_ops_gcc_aarch64.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_arch_ops_gcc_sparc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/memory_order_utils.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_arch_ops_gcc_aarch32.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/atomic_ref.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_operations.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/atomic_ref_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_ops_gcc_atomic.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/intptr.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/fence_arch_ops_gcc_x86.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_arch_ops_gcc_aarch32.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/wait_caps_dragonfly_umtx.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/ipc_atomic.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/ipc_atomic_ref.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/wait_ops_generic.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_windows.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_freebsd\_umtx.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_freebsd\_umtx.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_operations.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_operations\_emulated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_arm.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_operations.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_aarch32\_common.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/once\_flag.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_alpha.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_futex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_aarch64\_common.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_windows.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_windows.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_msvc\_arm.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_emulated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/futex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_ppc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_dragonfly\_umtx.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_operations.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/attr.hpp  
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```
/*!
@file
Includes boost/hana/fwd/integral_constant.hpp.

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```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/bool.hpp  
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```
/*!
@file
Defines macros to perform different kinds of assertions.
```

```
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/assert.hpp

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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/stl/container/detail/container.hpp
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```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/primitives.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/statements.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/phoenix.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/functions.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/composite.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/special_ops.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/operators.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuples.hpp
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```

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```

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\*

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/regex/v4/basic\_regex.hpp

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/\* C interface for result

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Aug 2017

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Found in path(s):

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/allocator\_adaptor.hpp  
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/\*!

@file

Defines `boost::hana::Orderable`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/concept/orderable.hpp  
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/\*!

@file

Defines `boost::hana::prefix`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/prefix.hpp  
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/\*!

@file

Defines `boost::hana::zip\_with`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/zip\_with.hpp  
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/\*!

@file

Defines `boost::hana::detail::has\_duplicates`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/has\_duplicates.hpp

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/\*!

@file

Forward declares `boost::hana::value`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/value.hpp

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@file

Defines `boost::hana::take\_front` and `boost::hana::take\_front\_c`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/take\_front.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/list/cons\_iterator.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/deref_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/list/cons.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/end_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/value_of_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/next_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/generation/make_cons.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/container/list/detail/begin_impl.hpp
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```

```
/*!
@file
Forward declares `boost::hana::Constant`.
```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/constant.hpp
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```

```
/*!
@file
Forward declares `boost::hana::append`.
```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/append.hpp
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```

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_next\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/reverse\_cons.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/segmented\_iterator\_range.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_segmented.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_end.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_fold\_until.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/segments.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/segmented\_iterator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_iterator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/distance\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segment\_sequence.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/segmented\_fold\_until\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_end\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_iterator.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_equal\_to.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/equal\_to\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/size\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/prior\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/fold\_fwd.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/support/segmented\_fold\_until.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/joint\_view\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::adjust`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/adjust.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2015 Agustin K-ballo Berge  
Copyright (c) 2015 Kohei Takahashi

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/index\_sequence.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2017 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/get_current_thread.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_thread.hpp  
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Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/detail/nothrow.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/detail/std_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/placement_new.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/detail/placement_new.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/move/detail/iterator_to_raw_pointer.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/alloc_helpers.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/next_capacity.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/iterator_to_raw_pointer.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/simple_swap.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/addressof.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/new_allocator.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* A very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)
```

```
File Created: June 2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/result.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/rounded\_arith.hpp template implementation file

\*

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/interval/rounded\_arith.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/xsi\_key.hpp

No license file was found, but licenses were detected in source scan.

/\* Copyright 2003-2008 Joaquin M Lopez Munoz.

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/header\_holder.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope/let.hpp

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/\*!

@file

Defines `boost::hana::iterate`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/iterate.hpp

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/\* boost random/detail/int\_float\_pair.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/int\_float\_pair.hpp

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

Updated July 2015 to reflect the Library Fundamentals TS  
<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/string\_view.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/mpi/mpi\_nested\_algebra.hpp

[begin\_description]

Nested parallelized algebra for MPI.

[end\_description]

Copyright 2013 Karsten Ahnert

Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_nested\_algebra.hpp

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/\*!

@file

Forward declares `boost::hana::index\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/index\_if.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/stable\_vector.hpp  
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```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/expression.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2017 Andrey Semashev
*
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* See http://www.boost.org/LICENSE_1_0.txt
*
* This header is deprecated, use boost/winapi/show_window.hpp instead.
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/show\_window.hpp  
No license file was found, but licenses were detected in source scan.

```
/* A less simple result type
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (17 commits)
File Created: Apr 2018
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status\_outcome.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::MonadPlus`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monad\_plus.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_abs.hpp

[begin\_description]

abs() specialization for vexcl

[end\_description]

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Copyright 2009-2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_abs.hpp

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/\* boost random/xor\_combine.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/xor\_combine.hpp

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/\*=====

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match.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/match.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics/tail.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/tail\_variate.hpp

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::comparing`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/comparing.hpp
```

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```
/*
```

```
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```

```
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```

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```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/uncaught_exceptions.hpp
```

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```
/* Tells C++ coroutines about Outcome's result
```

```
(C) 2019-2020 Niall Douglas <http://www.nedproductions.biz/> (12 commits)
```

```
File Created: Oct 2019
```

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Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/detail/coroutine\_support.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/coroutine\_support.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/coroutine\_support.hpp

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```
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_struct.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/proxy\_type.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/size\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/adapt\_adt\_named.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt\_named.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_assoc\_adt\_named.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/deque/detail/is\_sequence\_impl.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/iter\_fold.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/define\_assoc\_struct.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/reverse\_fold.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/boost\_array.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/reverse\_iter\_fold.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/value\_of\_impl.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/define_struct.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/include/adapt_assoc_struct_named.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/include/adapt_struct_named.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/unfused.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/array/deref_impl.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::drop_while`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/drop_while.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/integrate/integrate_adaptive.hpp
```

```
[begin_description]
```

```
Adaptive integration of ODEs.
```

```
[end_description]
```

```
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```

```
Copyright 2011-2015 Mario Mulansky
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate_adaptive.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::foldl1`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/foldl1.hpp  
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/\*!  
@file  
Defines `boost::hana::Monad`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/monad.hpp  
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\* [https://www.boost.org/LICENSE\\_1\\_0.txt](https://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/uuid/detail/uuid\_x86.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/uuid/detail/config.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Copyright (c) 2014 Paul Fultz II  
pack.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/pack.hpp  
No license file was found, but licenses were detected in source scan.

// Copyright 2011 - 2013 John Maddock. Distributed under the Boost  
// Distributed under the Boost Software License, Version 1.0.

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/functions/pow.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2014 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/error\_reporting.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/lambda\_visitor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/ast/position\_tagged.hpp

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```
/*!
@file
Defines `boost::hana::negate`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/negate.hpp

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```
/*=====
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Copyright (c) 2003 Vaclav Vesely
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/no\_actions.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Bashforth stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_bashforth\_call\_algebra.hpp

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/\*

=====  
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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/undef\_operator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/support/detail/iterate\_undef.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/support/detail/iterate\_define.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/support/iterate.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/support/detail/iterate.hpp

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/\*

@file is\_transaction\_safe

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_transaction\_safe.hpp

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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/begin\_impl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/adams\_bashforth.hpp

[begin\_description]

Implementaton of the Adam-Bashforth method a multistep method used for the predictor step in the Adams-Bashforth-Moulton method.

[end\_description]

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Copyright 2011-2013 Mario Mulansky

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth.hpp

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```
// Copyright (C) 2000 Stephen Cleary
//
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// ing file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org for updates, documentation, and revision history.
```

```
// This file was AUTOMATICALLY GENERATED from "stdin"
// Do NOT include directly!
// Do NOT edit!
```

```
template <typename T0>
element_type * construct(T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0>
element_type * construct(const T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0>
element_type * construct(volatile T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0>
element_type * construct(const volatile T0 & a0)
{
    element_type * const ret = (malloc());
```

```

if (ret == 0)
    return ret;
try { new (ret) element_type(a0); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, const T1 & a1)

```

```

{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
}

```

```

template <typename T0, typename T1>
element_type * construct(const T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(T0 & a0, const volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const volatile T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
}

```

```

return ret;
}
template <typename T0, typename T1>
element_type * construct(volatile T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(const volatile T0 & a0, const volatile T1 & a1)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;

```

```

try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const T1 & a1, T2 & a2)
{
element_type * const ret = (malloc());

```

```

if (ret == 0)
    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, volatile T1 & a1, T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const volatile T1 & a1, T2 & a2)

```

```

{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
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```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/pool/detail/pool\_construct.ipp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/tag\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted/array/is\_view\_impl.hpp  
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if\_h

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/exclusive\_scan.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/transform\_exclusive\_scan.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/reduce.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/for\_each\_n.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/transform\_reduce.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/algorithm/cxx17/inclusive\_scan.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx17/transform\_inclusive\_scan.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/iterator/detail/times\_iterator\_impl.hpp

[begin\_description]  
tba.  
[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/times\_iterator\_impl.hpp  
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/\*  
boost/numeric/odeint/stepper/detail/generation\_controlled\_adams\_bashforth\_moulton.hpp

[begin\_description]  
Spezialization of the generation functions for creation of the controlled adams bashforth moulton stepper.  
[end\_description]

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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_controlled\_adams\_bashforth\_moulton.hpp  
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/\*  
Defines `qualifier\_flags`

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/qualifier\_flags.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/detail/integer\_log2.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/integer\_log2.hpp

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/\*!

@file

Defines `boost::hana::first`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/first.hpp

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/\*!

@file

Forward declares `boost::hana::unique`.

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```
/*-----+
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+-----*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/separate\_interval\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/type\_to\_string.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/functors.hpp  
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/\*!

@file

Defines `boost::hana::transform`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/transform.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_operations.hpp

[begin\_description]

Operations of thrust zipped iterators. Is the counterpart of the thrust\_algebra.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations.hpp  
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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/std\_array.hpp  
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/\*

[auto\_generated]  
boost/numeric/odeint/stepper/generation/generation\_dense\_output\_runge\_kutta.hpp

[begin\_description]  
Specialization of the controller factory for the dense\_output\_runge\_kutta class.  
[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_dense\_output\_runge\_kutta.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/graph/successive\_shortest\_path\_nonnegative\_weights.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/systems/si/energy.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/base\_units/us/yard.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/base\_units/temperature/fahrenheit.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/lock\_factories.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/converter/builtin\_converters.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/units/config.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/lambda/detail/control\_constructs\_common.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/uuid/name\_generator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/systems/si/codata/tau\_constants.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/basic\_pointerbuf.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/object\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/physical\_dimensions/wavenumber.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/units/systems/si.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/wavefront.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/implicit\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/detail/dimensionless\_unit.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/units/detail/one.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/filtered\_graph.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/neighbor\_bfs.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/return\_arg.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_base\_pt.hpp  
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zip/1.75.0/include/boost/units/physical\_dimensions/volume.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/make\_constructor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/archive/impl/archive\_serializer\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/value\_is\_shared\_ptr.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/units/detail/static\_rational\_power.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/object/inheritance\_query.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/units/base\_units/si/ampere.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/visitors.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/bad\_weak\_ptr.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/module\_init.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/graph/graph\_selectors.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/stacktrace/detail/collect\_msvc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/units/base\_units/metric/angstrom.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/object\_items.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/detail/if\_else.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/detail/result.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/graph/boyer\_myrvold\_planar\_test.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/python/class\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/sp\_counted\_base.hpp  
No license file was found, but licenses were detected in source scan.

/\* \*\*\*\*

# \*  
# \* (C) Copyright Edward Diener 2019. \*  
# \* Distributed under the Boost Software License, Version 1.0. (See \*  
# \* accompanying file LICENSE\_1\_0.txt or copy at \*

```
# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/variadic/has_opt.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/variadic/detail/has_opt.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost random/discard_block.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2002
```

```
* Copyright Steven Watanabe 2010
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
* Revision history
```

```
* 2001-03-02 created
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/discard_block.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
Copyright Rene Rivera 2013
```

```
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```

```
(See accompanying file LICENSE_1_0.txt or copy at
```

```
http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/detail/os_detected.h
```

No license file was found, but licenses were detected in source scan.

```
// (C) Copyright Ion Gaztanaga 2004-2015. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/slist.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::prepend`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/prepend.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2012 Paul Fultz II  
first_of.h  
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/first_of.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* Policies for result and outcome  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)  
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/policy/result\_exception\_ptr\_rethrow.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/algebra/norm\_result\_type.hpp

[begin\_description]

Calculates the type of the norm\_inf operation for container types

[end\_description]

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Copyright 2013 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/norm\_result\_type.hpp  
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/\*!

@file

Forward declares `boost::hana::zip\_shortest`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zip\_shortest.hpp  
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/\*

\* Copyright 2017 Andrey Semashev

\*

```
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE_1_0.txt  
*  
* This header is deprecated, use boost/winapi/timers.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/timers.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_pade.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_rational.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/polymorphic_pointer_cast.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multiprecision/detail/atomic.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_1F1_large_abz.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp_int/intel_intrinsics.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_1F1_cf.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/variant/multivisitors.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/cstdint.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_1F1_scaled_series.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/hypergeometric_pFq.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_separated_series.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/bessel_iterators.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/conversion/detail/old_numeric_cast.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/hypergeometric_0F1.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/hypergeometric_1F0.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/bernoulli_details.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_1F1_large_a.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_asym.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/math/tools/atomic.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/bernoulli.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/unchecked\_bernoulli.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_cpp14\_based.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_recurrence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_bessel.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_series.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_gamma.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_negative\_b\_regions.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_small\_a\_negative\_b\_by\_ratio.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_addition\_theorems\_on\_z.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/polygamma.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_cpp11\_based.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_pFq\_checked\_series.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_by\_ratios.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_preprocessor\_based.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_cf.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_2F0.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_1F1.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_0F1\_bessel.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/if.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/dynamic.hpp

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/\*!

@file

Defines `boost::hana::scan\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/scan\_right.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/n\_ary\_helper.hpp

Macros to generate scale\_sumN and for\_eachN functors.

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Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/n\_ary\_helper.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/nil.hpp

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/\*!

@file

Defines `boost::hana::Ring`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/ring.hpp

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@file

Forward declares `boost::hana::first`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/first.hpp

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@file

Defines `boost::hana::detail::variadic::reverse\_apply\_unrolled`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply/unrolled.hpp

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=====\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure\_context.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/subrule.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/as\_parser.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/traverse.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/parser\_context.hpp

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=====\*/

Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/none.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/all.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/all.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count\_if.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/count\_if.hpp

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@file

Defines macros for tracking the version of the library.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/version.hpp  
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\* file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt).)  
\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp  
\* Date: Thu Dec 06 13:21:54 MST 2007  
\* Copyright: 2007-2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com

\*

\* Defines the function boost::iostreams::detail::current\_directory, used by  
\* boost::iostreams::detail::absolute\_path.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/current\_directory.hpp  
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/\*!

@file

Documents the `BOOST\_HANA\_ADAPT\_ADT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/adapt\_adt.hpp  
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\*

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\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra_ops_gcc_arm.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra_ops_gcc_ppc.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::Comonad`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/comonad.hpp
```

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```
/*=====
```

```
Copyright (c) 2001-2010 Joel de Guzman
```

```
Copyright (c) 2010 Eric Niebler
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/if.hpp
```

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```
/*
```

```
Copyright (c) Marshall Clow 2012-2015.
```

```
Copyright (c) Glen Joseph Fernandes 2019 (glenjofe@gmail.com)
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
For more information, see http://www.boost.org
```

```
Based on the StringRef implementation in LLVM (http://llvm.org) and  
N3422 by Jeffrey Yasskin
```

```
http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/utility/string\_ref.hpp

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\*

\* This header is deprecated, use boost/winapi/config.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/config.hpp

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/\*!

@file

Defines `boost::hana::compose`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/compose.hpp

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/\* Flyweight class.

\*

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/flyweight.hpp

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```
# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE_1_0.txt)
# */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/limits/fold_left_512.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/detail/limits/for_256.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/debug/assert.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/edg/limits/fold_left_512.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/repeat.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/control/detail/edg/limits/while_256.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/enum_params_with_a_default.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/enum_params_with_defaults.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/fold_right.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/comparison.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/inc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/div.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/control/detail/msvc/while.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/append.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/size.hpp
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zip/1.75.0/include/boost/preprocessor/list/detail/limits/fold_right_1024.hpp
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/repetition/detail/edg/limits/for\_512.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/limits/dec\_1024.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/limits/fold\_left\_512.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/repetition/enum\_params.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/repetition/enum.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/rest\_n.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/stringize.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/reverse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/comparison/limits/not\_equal\_1024.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/limits/inc_256.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/comparison/equal.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/tuple/limits/to_list_128.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/mod.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/list/fold_right.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/to_list.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/elem.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/tuple.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/control/while.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/detail/edg/for.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/arithmetic/dec.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/logical/not.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/edg/limits/fold_left_1024.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/edg/limits/fold_right_1024.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/facilities/identity.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/dmc/fold_left.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/logical/limits/bool_256.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/div_base.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/edg/limits/fold_right_512.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/control/detail/while.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/control/detail/edg/limits/while_1024.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/selection/min.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/preprocessor/list/detail/limits/fold_left_256.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::remove_range` and `boost::hana::remove_range_c`.
```

```
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```
*/
```

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/\*!

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Defines `boost::hana::replace\_if`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_map.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/phoenix/closures.hpp

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/\* A very simple result type

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (11 commits)

File Created: Apr 2018

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/outcome/experimental/status\_result.hpp

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@file

Defines `boost::hana::range`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/for\_each.hpp

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Found in path(s):

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zip/1.75.0/include/boost/fusion/container/vector/detail/value\_at\_impl.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_system\_directory.hpp instead.

\*/

Found in path(s):

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zip/1.75.0/include/boost/detail/winapi/get\_system\_directory.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/stepper/rosenbrock4\_controller.hpp

[begin\_description]  
Controller for the Rosenbrock4 method.  
[end\_description]

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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4\_controller.hpp  
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/\*!  
@file  
Defines `boost::hana::unfold\_right`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/unfold\_right.hpp  
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\*  
\* See <http://www.boost.org/libs/flyweight> for library home page.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/dyn\_perfect\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/hashed\_factory.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/refcounted.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/flyweight/detail/pp\_perfect\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/serialization\_helper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/detail/perfect\_fwd.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/prepend.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/is\_resizeable.hpp

[begin\_description]

Metafunction to determine if a state type can be resized. For usage in the steppers.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/util/is\_resizeable.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/split.hpp

[begin\_description]

Split abstraction for parallel backends.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/util/split.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/multi\_pass\_fwd.hpp

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/\*!

@file

Defines `boost::hana::Struct`.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/equal\_to.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/detail/as\_fusion\_element.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/not\_equal\_to.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less.hpp

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```

```
/* Boost interval/utility.hpp template interface file
```

```
*
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/utility_fwd.hpp
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/*=====
```

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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive.hpp
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::make`.
```

```
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*/
```

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/core/make.hpp
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```

```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/convert\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/build\_cons.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/convert\_impl.hpp

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/\*!

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Forward declares `boost::hana::extend`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform/env.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/expand\_pack.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/range/end.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/functional/range/begin.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_p\_square\_cumulative\_distribution.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/range.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rend.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rbegin.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/any.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/size.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/pack\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/empty.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p\_square\_cumulative\_distribution.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/functional/std/iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/expand\_pack.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::concat`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/concat.hpp

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\*/

\* Copyright (c) 2015 Andrey Semashev

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_generic.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_x86.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2003 Daniel Nuffer
Copyright (c) 2001-2007 Hartmut Kaiser
Revised 2007, Copyright (c) Tobias Schwinger
http://spirit.sourceforge.net/
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/tree/common.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2016 Frank Hein, maxence business consulting gmbh
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/directive/expect.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010-2011 Thomas Heller
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/environment.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/phoenix/scope/local_variable.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
```

```
*
```

```
* Copyright (c) 2009 Helge Bahmann
```

\* Copyright (c) 2012 Tim Blechmann  
\* Copyright (c) 2014 Andrey Semashev  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_msvc\_x86.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_windows.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_x86.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_msvc\_arm.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::intersperse`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/intersperse.hpp  
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 Andrey Semashev

\*

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\*

\* This header is deprecated, use boost/winapi/tls.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/tls.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

State machine detecting include guards in an included file.

This detects two forms of include guards:

```
#ifndef INCLUDE_GUARD_MACRO
#define INCLUDE_GUARD_MACRO
...
#endif
```

or

```
if !defined(INCLUDE_GUARD_MACRO)
#define INCLUDE_GUARD_MACRO
...
#endif
```

note, that the parenthesis are optional (i.e. !defined INCLUDE\_GUARD\_MACRO will work as well). The code allows for any whitespace, newline and single '#' tokens before the #if/#ifndef and after the final #endif.

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=====\*/

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/wave/cpplexer/detect_include_guards.hpp
No license file was found, but licenses were detected in source scan.
```

```
// (C) Copyright Dave Abrahams and Daryle Walker 2001. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/integer_fwd.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/weibull_distribution.hpp header file
```

```
*
```

```
* Copyright Steven Watanabe 2010
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/weibull_distribution.hpp
```

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```
/*
 * Copyright 2017 Andrey Semashev
 *
 * Distributed under the Boost Software License, Version 1.0.
 * See http://www.boost.org/LICENSE\_1\_0.txt
 *
 * This header is deprecated, use boost/winapi/stack_backtrace.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/detail/winapi/stack_backtrace.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2017 Vinnie Falco
 *
 * Distributed under the Boost Software License, Version 1.0.
 * See http://www.boost.org/LICENSE\_1\_0.txt
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/debugapi.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
 Copyright (c) 2001-2019 Joel de Guzman
 Copyright (c) 2001-2011 Hartmut Kaiser

 Distributed under the Boost Software License, Version 1.0. (See accompanying
 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/numeric/real_policies.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
 @file
 Defines the `BOOST_HANA_ADAPT_ADT` macro.
```

```
@copyright Louis Dionne 2013-2017
 Distributed under the Boost Software License, Version 1.0.
 (See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
 */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/adapt\_adt.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2007 Dan Marsden
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010 Thomas Heller

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/try\_catch.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/statement/throw.hpp

No license file was found, but licenses were detected in source scan.

```
/*
boost/numeric/odeint/stepper/detail/controlled_adams_bashforth_moulton.hpp
```

[begin\_description]

Implementation of an controlled adams bashforth moulton stepper.

[end\_description]

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_adams\_bashforth\_moulton.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2014 Paul Fultz II
unwrap.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/unwrap.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2007 Tobias Schwinger

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/support/sequence_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Copyright 2010 Daniel Wallin, Eric Niebler. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/deduce_domain.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
* Copyright 2016 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/limits.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/access_rights.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/winapi/character_code_conversion.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/winapi/page_protection_flags.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/arith3.hpp template implementation file
*
* This headers provides arithmetical functions
* which compute an interval given some base
* numbers. The resulting interval encloses the
* real result of the arithmetic operation.
*
* Copyright 2003 Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
```

\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/arith3.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::back`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/back.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::Logical`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/logical.hpp

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\*

\* Copyright (c) 2018 Andrey Semashev

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_fp\_operations.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/string\_ops.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_ops\_emulated.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/integral\_conversions.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_ops\_emulated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_trivially\_default\_constructible.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/addressof.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_operations.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_floating\_point.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_iec559.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_ops\_emulated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/float\_sizes.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_trivially\_copyable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/bitwise\_fp\_cast.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_ops\_generic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_ops\_generic.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/external/mpi/mpi.hpp

[begin\_description]

Wrappers for MPI.

[end\_description]

Copyright 2013 Karsten Ahnert

Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi.hpp

No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::Metafunction`.
```

```
@copyright Louis Dionne 2013-2017  
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/metafunction.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* *****  
# *  
# * (C) Copyright Edward Diener 2014. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# *  
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/detail/get_data.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/detail/is_single_return.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/detail/is_single_return.hpp  
No license file was found, but licenses were detected in source scan.
```

```
// Copyright (c) 2003 Peter Dimov Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart_ptr.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
* Copyright 2013, 2017 Andrey Semashev  
* Copyright 2017 James E. King, III  
*  
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```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/config.hpp

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/\* boost random/niederreiter\_base2.hpp header file

\*

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/niederreiter\_base2.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/any\_of.hpp

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/\* Traits for Outcome

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/string\_traits.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/operations\_dispatcher.hpp

[begin\_description]

Operations dispatcher to automatically chose suitable operations.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/algebra/operations\_dispatcher.hpp

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- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/enable\_if.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/indirect\_traits.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/wrapper\_base.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/sfinae.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/wrapper.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/value\_arg.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iterator\_adaptors.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/unwrap\_type\_id.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/override.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/unwrap\_wrapper.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/python/detail/is\_wrapper.hpp

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/\* boost random/extreme\_value\_distribution.hpp header file

\*

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/policy/all\_narrow.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/policy/throw\_bad\_result\_access.hpp

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Defines `boost::hana::experimental::print`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/relation\_state.hpp

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```
/*!  
@file  
Defines `boost::hana::partial`.
```

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```

```
/*!  
@file  
Forward declares `boost::hana::any`.
```

```
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```
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* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/any.hpp  
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```
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function_eval_expr.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/expression.hpp  
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```

```
/*=====
```

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```
=====*/
```

```
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```

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```
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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/core.hpp
```

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```
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(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits) and Andrzej Krzemieski
<akrzemi1@gmail.com> (1 commit)
File Created: Oct 2017
```

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28 Sep 2015 mtc First version

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/sort\_subrange.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/to\_string.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/notate.hpp  
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/\*!

@file

Forward declares `boost::hana::accessors`.

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Forward declares `boost::hana::and`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/icl/type\_traits/absorbs\_identities.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/unit\_element.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/interval\_map\_algo.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/interval\_set\_algo.hpp

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@file

Forward declares `boost::hana::monadic\_fold\_left`.

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/\* Boost interval.hpp header file

\*

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/\*!

@file

Adapts `std::tuple` for use with Hana.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/core\_ops\_gcc\_atomic.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/caps\_gcc\_atomic.hpp  
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Defines `boost::hana::ap`.

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```
/* ****  
# *  
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# *  
# **** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward4\_1024.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse4\_1024.hpp

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@file remove\_transaction\_safe

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zip/1.75.0/include/boost/callable\_traits/remove\_transaction\_safe.hpp

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Defines `boost::hana::sort`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/tree/test\_unit.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/utis/algorithm.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/timer/config.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/detail/log\_level.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/test/output/compiler\_log\_formatter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/chrono/detail/inlined/chrono.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/chrono/duration.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/smart\_ptr/detail/sp\_nullptr\_t.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/detail/enable\_warnings.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/utis/runtime/env/fetch.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mp11/detail/mp\_map\_find.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/common\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/test/tree/visitor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/leaf/detail/mp11.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/sp\_noexcept.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/config/detail/select\_compiler\_config.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/filesystem/exception.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/lightweight\_thread.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/test/detail/suppress\_warnings.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/multiply.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/mp11/detail/mp\_count.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/test/output/xml\_report\_formatter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/test/included/execution\_monitor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/test/tools/detail/tolerance\_manip.hpp  
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\*/

Found in path(s):

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zip/1.75.0/include/boost/predef/detail/platform\_detected.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/predef/detail/comp\_detected.h

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/extrapolation\_stepper.hpp

[begin\_description]

extrapolation stepper

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/extrapolation\_stepper.hpp

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/\*!

@file

Forward declares `boost::hana::none`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/none.hpp

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/\* Type sugar for success and failure

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_front.hpp

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zip/1.75.0/include/boost/callable\_traits/add\_member\_rvalue\_reference.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_lvalue\_reference.hpp

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/\*\*

\* \file size.hpp

\*

\* \brief The family of \c size operations.

\*

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

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zip/1.75.0/include/boost/numeric/ublas/operation/size.hpp

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zip/1.75.0/include/boost/hana/detail/operators/iterable.hpp

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zip/1.75.0/include/boost/interprocess/streams/bufferstream.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/streams/vectorstream.hpp

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@file

Defines arithmetic operators.

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zip/1.75.0/include/boost/hana/detail/operators/arithmetic.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/pipes.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/process.hpp

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@file

Defines `boost::hana::one`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/one.hpp

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@file

Adapts `boost::mpl::vector` for use with Hana.

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

This is the current version of the Wave library

<http://www.boost.org/>

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/\*

[auto\_generated]

boost/numeric/odeint/external/openmp/openmp\_nested\_algebra.hpp

[begin\_description]

Nested parallelized algebra for OpenMP.

[end\_description]

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Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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Found in path(s):

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zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_nested\_algebra.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/real\_impl.hpp

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```
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 *
 * See http://www.boost.org/libs/multi_index for library home page.
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/iter_adaptor.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/hash_index_args.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/node_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/is_index_list.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/has_tag.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/serialization_version.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/random_access_index_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/adl_swap.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/tag.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/vartempl_support.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/unbounded.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/indexed_by.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/index_saver.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/access_specifier.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/no_duplicate_tags.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/base_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/sequenced_index_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index_container_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/uintptr_type.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/multi_index/detail/modify_key_adaptor.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/invariant_assert.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/ord_index_args.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/hashed_index_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/do_not_copy_elements_tag.hpp
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```

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```
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Iterable`.
```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/iterable.hpp
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```

```
/* Proposed SG14 status_code
```

```
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```

```
File Created: Feb 2018
```

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- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/iostream\_support.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/com\_code.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_domain.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/posix\_code.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/win32\_code.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/error.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/nt\_code.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_error2.hpp
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/status\_error.hpp

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```
/*!  
@file  
Defines `boost::hana::if_`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/if.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2005-2006 Dan Marsden

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/convert\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/empty\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/convert\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/convert\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/convert\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/adapted.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/tag\_of\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/deque.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
A Standard compliant C++ preprocessor

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_gen.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::monadic_fold_right`.

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/monadic\_fold\_right.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Token sequence analysis and transformation helper functions

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_macromap\_utils.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Paul Fultz II
make.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hof/detail/make.hpp

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/io.hpp header file
*
* This file is only meant to provide a quick
* implementation of the output operator. It is
* provided for test programs that aren't even
* interested in the precision of the results.
* A real program should define its own operators
* and never include this header.
*
* Copyright 2003 Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/io.hpp

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```
// Distributed under the Boost Software License, Version 1.0. (See accompanying
// This also contains public domain code from MurmurHash. From the
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/container\_hash/hash.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::transform`.
```

```
@copyright Louis Dionne 2013-2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/transform.hpp

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 Andrey Semashev

\*

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\*

\* This header is deprecated, use boost/winapi/file\_management.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/detail/winapi/file\_management.hpp

No license file was found, but licenses were detected in source scan.

/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file

\*

\* This header provides a rounding control policy

\* that avoids flushing results to memory. In

\* order for this optimization to be reliable, it

\* should be used only when no underflow or

\* overflow would happen without it. Indeed, only

\* values in range are correctly rounded.

\*

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/interval/ext/x86\_fast\_rounding\_control.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::pair``.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/pair.hpp  
No license file was found, but licenses were detected in source scan.

/\*  
[auto\_generated]  
boost/numeric/odeint/external/thrust/thrust\_operations\_dispatcher.hpp

[begin\_description]  
operations\_dispatcher specialization for thrust  
[end\_description]

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Copyright 2013-2014 Mario Mulansky

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations\_dispatcher.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::product`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/product.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/map\_iterator.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Boost interval/detail/division.hpp file
*
* Copyright 2003 Guillaume Melquiond, Sylvain Pion
*
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/division.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint.hpp
```

```
[begin_description]
Forward include for odeint. Includes nearly everything.
[end_description]
```

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::Product`.
```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/product.hpp  
No license file was found, but licenses were detected in source scan.

/\* Boost interval/detail/msvc\_rounding\_control.hpp file

\*

\* Copyright 2000 Maarten Keijzer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/msvc\_rounding\_control.hpp  
No license file was found, but licenses were detected in source scan.

/\* Boost interval/detail/bcc\_rounding\_control.hpp file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/bcc\_rounding\_control.hpp  
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/\*!

@file

Forward declares `boost::hana::unfold\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/unfold\_right.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/base/explicit\_stepper\_base.hpp

[begin\_description]

Base class for all explicit Runge Kutta steppers.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_stepper\_base.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_dopri5.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Dormand-Prince5 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_dopri5.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/list/nil.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/core/composite/epsilon.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/is\_segmented.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/intrinsic/segments.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/detail/construct.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2020 Nikita Kniazev

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute_of_binary.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/is_partitioned.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/copy_n.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/partition_copy.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/partition_point.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/algorithm/cxx11/find_if_not.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Grammar for universal character validation (see C++ standard: Annex E)

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/wave/cpplexer/validate_universal_char.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/wave/cpplexer/convert\_trigraphs.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::replace\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/replace\_if.hpp

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/accumulators/reference\_accumulator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/functional/vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/parameters/weight.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/accumulator\_base.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/error\_of.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/functional\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/error\_of\_mean.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/accumulator\_concept.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/functional/complex.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics/min.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/parameters/weights.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/framework/depends\_on.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/functional.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/accumulators\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/accumulators/statistics/parameters/quantile\_probability.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/accumulators.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/with\_error.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/droppable\_accumulator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/count.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics/max.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/variates/covariate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics/stats.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/accumulator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/mean.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/moment.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/accumulators/statistics/sum.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/external.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/sample.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/extractor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/valarray.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/external\_accumulator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/features.hpp  
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/\*!

@file

Defines `boost::hana::overload`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/overload.hpp

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```
/*=====
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result.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/result.hpp

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```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2011 Hartmut Kaiser
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/repository/include/qi\_keywords.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/repository/include/qi\_kwd.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/thread\_mutex.hpp

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```
/*
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*
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*
* This header is deprecated, use boost/winapi/get_current_process_id.hpp instead.
*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process\_id.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/meta.hpp  
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/\* A very simple result type  
(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (10 commits)  
File Created: June 2017

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_alpha.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_ppc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_ppc\_common.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_ppc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_alpha.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_arm\_common.hpp

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/\*!

@file

Forward declares `boost::hana::scan\_right`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/scan\_right.hpp

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/\* Proposed SG14 status\_code

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-  
code/status\_code.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/string\_traits.hpp

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@file

Defines `boost::hana::eval`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/regex\_constants.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/xpressive.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/core/sub\_match\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/proto/transform/detail/preprocessed/construct\_pod\_funop.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/utility/literals.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/core/matcher/lookahead\_matcher.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/core/matcher/mark\_matcher.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/traits.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/utility/never\_true.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/proto\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/proto/transform/detail/preprocessed/default\_function\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/unpack\_expr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform/arg.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/deep\_copy.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/utility/width.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform/default.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/chset/chset.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matchers.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matcher/range\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/static/type\_traits.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/proto.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/class\_member\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/quant\_style.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/context/callable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/flow\_control.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/linker.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matcher/mark\_end\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/regex\_error.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_bos\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/utility/boyer\_moore.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/state.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/dynamic/parser\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_bol\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/traits/null\_regex\_traits.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/context.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_marker.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/regex\_token\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/poly\_function\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/xpressive\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/alternate\_end\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/dynamic/parse\_charset.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/basic\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/transform/impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/attr\_end\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/alternate\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transmogrify.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/static/transforms/as\_quantifier.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/results\_cache.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/literal.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/xpressive/xpressive\_static.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/context/detail/preprocessed/default\_eval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/hash\_peek\_bitset.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_eos\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/detail/local.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/make.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/memfun\_funop.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/epsilon\_matcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/funop.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/proto/tags.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/preprocessed/expr\_variadic.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Distributed under the Boost Software License, Version 1.0.  
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* Copyright (c) 2011 Helge Bahmann  
* Copyright (c) 2013-2014, 2020 Andrey Semashev  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/lock\_pool.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::sum`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/sum.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::fill`.
```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/fill.hpp  
No license file was found, but licenses were detected in source scan.

/\*

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/arm.h  
No license file was found, but licenses were detected in source scan.

/\* boost random/detail/seed.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/seed\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/seed.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::group`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/group.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2009 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2009-2011 Christopher Schmidt
Copyright (c) 2013-2014 Damien Buhl

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/guard.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/detail/sequence.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/core/detail/parse_into_container.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/difference.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/not_predicate.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/sequence.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/detail/alternative.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/omit.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/call.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/alternative.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator/and_predicate.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/expect.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/parse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/lexeme.hpp  
No license file was found, but licenses were detected in source scan.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/member\_function\_ptr.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

Copyright (c) 2016 Paul Fultz II  
config.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/config.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/is\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/nothing.hpp  
No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) 2010 Thomas Heller

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope/dynamic.hpp

No license file was found, but licenses were detected in source scan.

/\* Exception types throwable

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (9 commits)

File Created: Oct 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/bad\_access.hpp

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/\*!

@file

Forward declares `boost::hana::duplicate`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/duplicate.hpp

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/constants.hpp template implementation file
```

```
*
```

```
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
```

```
*
```

```
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```

```
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```

```
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/constants.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines operators for Comparables.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/detail/operators/comparable.hpp

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```
/* *****
```

```
# *
```

```
*
```

```
# * (C) Copyright Paul Mensonides 2005.
```

```
*
```

```
# * Distributed under the Boost Software License, Version 1.0. (See
```

```
*
```

```
# * accompanying file LICENSE_1_0.txt or copy at
```

```
*
```

```
# * http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
# *
```

```
*
```

```
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/slot/counter.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/slot/detail/counter.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/repetition/enum\_shifted\_binary\_params.hpp

No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/runge_kutta_fehlberg87.hpp
```

```
[begin_description]  
Implementation of the Runge-Kutta-Fehlberg stepper with the generic stepper.  
[end_description]
```

```
Copyright 2011-2013 Mario Mulansky  
Copyright 2012-2013 Karsten Ahnert
```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge_kutta_fehlberg78.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/arith2.hpp template implementation file  
*  
* This header provides some auxiliary arithmetic  
* functions: fmod, sqrt, square, pov, inverse and  
* a multi-interval division.  
*  
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
*  
* Distributed under the Boost Software License, Version 1.0.  
* (See accompanying file LICENSE_1_0.txt or  
* copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/arith2.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::integral_constant`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/integral\_constant.hpp

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/\*!

@file

Defines `boost::hana::detail::nested\_by`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/nested\_by.hpp

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/\*

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/platform/cloudabi.h

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/\*=====

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_copy.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/support\_auto.hpp

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/\* boost random/fisher\_f\_distribution.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/fisher\_f\_distribution.hpp

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\*

\* This header is deprecated, use boost/winapi/heap\_memory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/heap\_memory.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/weighted\_mean.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/histogram/accumulators/weighted\_sum.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/histogram/accumulators/count.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/histogram/accumulators/mean.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/histogram/accumulators/sum.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::reverse\_apply`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Boost interval/checking.hpp template implementation file
 *
 * Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
 *
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 * copy at http://www.boost.org/LICENSE_1_0.txt)
 */
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/checking.hpp  
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```
/*=====
 Copyright (c) 2016 Paul Fultz II
 is_unpackable.hpp
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 file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/is\_unpackable.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
boost/numeric/odeint/stepper/detail/pid_step_adjuster.hpp
```

[begin\_description]

Implementation of the stepsize controller for the controlled adams bashforth moulton stepper.

[end\_description]

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/detail/pid\_step\_adjuster.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Defines `BOOST\_HANA\_DISPATCH\_IF`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/dispatch\_if.hpp

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/\*!

@file

Defines logical operators.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/operators/logical.hpp

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callable\_base.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/callable\_base.hpp

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/\*!

@file

Forward declares `boost::hana::product`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/product.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/algebra/default_operations.hpp

[begin_description]
Default operations. They work with the default numerical types, like float, double, complex< double> ...
[end_description]

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Copyright 2010-2013 Mario Mulansky

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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/algebra/default_operations.hpp
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```

```
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```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/variadic_templates_tools.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/node_allocator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/container/detail/advanced_insert_int.hpp
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```

```
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+-----*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/joinable.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/icl/concept/interval_associator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/interval_map.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/icl/interval_combining_style.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/interval_set.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/map_value.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/dynamic\_interval\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_default.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/element\_set\_value.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_discrete\_interval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/adds\_inversely.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/associative\_element\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/on\_absorbtion.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_icl\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/set\_value.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_asymmetric\_interval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/associative\_interval\_container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_interval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_continuous\_interval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_key\_container\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/container.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/element\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/element\_set.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/comparable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/interval\_set\_value.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/nonterminal/simple\_trace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/support/nonterminal/locals.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/auxiliary.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/unused.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/return\_type.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/is\_reference\_member.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/is\_rvalue\_reference\_member.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/remove\_varargs.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/qualified\_class\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable\_traits/remove\_member\_cv.hpp  
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/\* boost random/random\_device.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 Portability fixes (thanks to Beman Dawes)

\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/random\_device.hpp  
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/\*=====

Adaptable closures

Phoenix V0.9  
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URL: <http://spirit.sourceforge.net/>

====\*/

Found in path(s):

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Found in path(s):

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using.hpp

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```
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# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/overload.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/seq/to\_list.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_sparc.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_sparc.hpp

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/\* boost random/uniform\_int\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-04-08 added min<max assertion (N. Becker)

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/uniform\_int\_distribution.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/core/allocator\_access.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/aligned\_alloc\_mingw.hpp

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/\*!

@file

Forward declares `boost::hana::zip\_with`.

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/\* boost random/detail/polynomial.hpp header file

\*

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the lexer iterator

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_iterator.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/times\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.

[end\_description]

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Found in path(s):

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zip/1.75.0/include/boost/numeric/odeint/iterator/times\_iterator.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/variance.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_variance.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/const\_step\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/const\_step\_iterator.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/detail/platform.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/push\_front.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/single\_view.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/join.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/include/as\_vector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_40.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_30.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/joint\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/limits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_50.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_40.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/core/as\_actor.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_function\_object.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_20.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/function\_ptr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/at.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_10.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member_function_ptr_20.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function_ptr_50.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind_member_function_50.hpp  
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```

```
/* boost random/additive_combine.hpp header file  
*  
* Copyright Jens Maurer 2000-2001  
* Distributed under the Boost Software License, Version 1.0. (See  
* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*  
* Revision history  
* 2001-02-18 moved to individual header files  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/additive_combine.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::div`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/div.hpp  
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```

```
// (C) Copyright Ion Gaztanaga 2011-2012. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi_wrapper_common.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named_condition.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/interprocess/sync/windows/named\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_sync.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_condition\_any.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_semaphore.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_semaphore\_wrapper.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_recursive\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_mutex\_wrapper.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/proto/detail/remove\_typename.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2\_norm\_inf.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2\_resize.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2\_algebra\_dispatcher.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2\_copy.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54\_classic.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method with the classical implementation.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54\_classic.hpp  
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```
/*=====
Copyright (c) 1998-2003 Joel de Guzman
Copyright (c) 2001 Daniel Nuffer
Copyright (c) 2002 Hartmut Kaiser
http://spirit.sourceforge.net/

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/exclusive\_or.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/operators.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/intersection.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/alternative.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/kleene\_star.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequential\_and.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/optional.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/positive.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/difference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequential\_or.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/list.hpp  
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/\*!

@file

Forward declares `boost::hana::zip`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/zip.hpp

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/\*!

@file

Defines `boost::hana::Logical`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/logical.hpp

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@file

Defines `boost::hana::unique`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/unique.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp

[begin\_description]

Definition of the coefficients for the Adams-Bashforth method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/velocity\_verlet.hpp

[begin\_description]

tba.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/velocity\_verlet.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/riscv.h  
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//

// ip/impl/network\_v6.hpp

// ~~~~~

//

// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)

// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)

//

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//

```

#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP
#define BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP

#if defined(_MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)

#include <boost/asio/detail/config.hpp>
#include <climits>
#include <cstdio>
#include <cstdlib>
#include <stdexcept>
#include <boost/asio/error.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/ip/network_v6.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace ip {

network_v6::network_v6(const address_v6& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
  if (prefix_len > 128)
  {
    std::out_of_range ex("prefix length too large");
    boost::asio::detail::throw_exception(ex);
  }
}

BOOST_ASIO_DECL address_v6 network_v6::network() const BOOST_ASIO_NOEXCEPT
{
  address_v6::bytes_type bytes(address_.to_bytes());
  for (std::size_t i = 0; i < 16; ++i)
  {
    if (prefix_length_ <= i * 8)
      bytes[i] = 0;
    else if (prefix_length_ < (i + 1) * 8)
      bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
  }
  return address_v6(bytes, address_.scope_id());
}

address_v6_range network_v6::hosts() const BOOST_ASIO_NOEXCEPT

```

```

{
address_v6::bytes_type begin_bytes(address_.to_bytes());
address_v6::bytes_type end_bytes(address_.to_bytes());
for (std::size_t i = 0; i < 16; ++i)
{
if (prefix_length_ <= i * 8)
{
begin_bytes[i] = 0;
end_bytes[i] = 0xFF;
}
else if (prefix_length_ < (i + 1) * 8)
{
begin_bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
end_bytes[i] |= 0xFF >> (prefix_length_ % 8);
}
}
return address_v6_range(
address_v6_iterator(address_v6(begin_bytes, address_.scope_id())),
++address_v6_iterator(address_v6(end_bytes, address_.scope_id())));
}

```

```

bool network_v6::is_subnet_of(const network_v6& other) const
{
if (other.prefix_length_ >= prefix_length_)
return false; // Only real subsets are allowed.
const network_v6 me(address_, other.prefix_length_);
return other.canonical() == me.canonical();
}

```

```

std::string network_v6::to_string() const
{
boost::system::error_code ec;
std::string addr = to_string(ec);
boost::asio::detail::throw_error(ec);
return addr;
}

```

```

std::string network_v6::to_string(boost::system::error_code& ec) const
{
using namespace std; // For sprintf.
ec = boost::system::error_code();
char prefix_len[16];
#ifdef BOOST_ASIO_HAS_SECURE_RTL
sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
#else // defined(BOOST_ASIO_HAS_SECURE_RTL)
sprintf(prefix_len, "%u", prefix_length_);
#endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
return address_.to_string() + prefix_len;
}

```

```

}

network_v6 make_network_v6(const char* str)
{
    return make_network_v6(std::string(str));
}

network_v6 make_network_v6(const char* str, boost::system::error_code& ec)
{
    return make_network_v6(std::string(str), ec);
}

network_v6 make_network_v6(const std::string& str)
{
    boost::system::error_code ec;
    network_v6 net = make_network_v6(str, ec);
    boost::asio::detail::throw_error(ec);
    return net;
}

network_v6 make_network_v6(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

    if (pos == std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    if (pos == str.size() - 1)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
    if (end != std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    const address_v6 addr = make_address_v6(str.substr(0, pos), ec);
    if (ec)
        return network_v6();
}

```

```

const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
if (prefix_len < 0 || prefix_len > 128)
{
    ec = boost::asio::error::invalid_argument;
    return network_v6();
}

return network_v6(addr, static_cast<unsigned short>(prefix_len));
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

network_v6 make_network_v6(string_view str)
{
    return make_network_v6(static_cast<std::string>(str));
}

network_v6 make_network_v6(string_view str,
    boost::system::error_code& ec)
{
    return make_network_v6(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

} // namespace ip
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/asio/ip/impl/network\_v6.hpp

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```

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http://spirit.sourceforge.net/

```

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```

=====*/

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/primitives/primitives.hpp

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/pot_tail_mean.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail_variate_means.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_p_square_cumul_dist.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/covariance.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_tail_variate_means.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail_quantile.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/peaks_over_threshold.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_peaks_over_threshold.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_density.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_tail_quantile.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/pot_quantile.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_tail_mean.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/tail_mean.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_covariance.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/density.hpp
```

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Defines `boost::hana::fix`.

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\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*

\* The internal implementation of red-black trees is based on that of SGI STL

\* `stl_tree.h` file:

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zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_impl.hpp

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zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_node.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/tree.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/flat\_tree.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/interprocess/exceptions.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/string.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/interprocess/detail/workaround.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/vector.hpp

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Definition of the abstract lexer interface

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zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_interface\_generator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_interface.hpp

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Defines `boost::hana::sum`.

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[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_norm\_inf.hpp

[begin\_description]

vector\_space\_norm\_inf specialization for vexcl

[end\_description]

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Defines a replacement for `std::decay`, which is sometimes too slow at compile-time.

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\*

\* This header is deprecated, use boost/winapi/dll.hpp instead.

\*/

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\*/

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@file

Forward declares `boost::hana::none\_of`.

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@file

Defines `boost::hana::default\_` and `boost::hana::is\_default`.

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[auto\_generated]

boost/numeric/odeint/external/mkl/mkl\_operations.hpp

[begin\_description]

Wrapper classes for intel math kernel library types.

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[end\_description]

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zip/1.75.0/include/boost/spirit/include/lex\_plain\_token.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_ostream\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_extended\_variant.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_primitives.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/support\_utree.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_char\_token\_def.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_no\_skip.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_generate\_static\_lexertl.hpp  
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[auto\_generated]

boost/numeric/odeint/stepper/explicit\_generic\_rk.hpp

[begin\_description]

Implementation of the generic Runge-Kutta steppers. This is the base class for many Runge-Kutta steppers.

[end\_description]

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[auto\_generated]

/boost/numeric/odeint/external/mtl4/mtl4.hpp

[begin\_description]

includes all headers required for using mtl4 with odeint

[end\_description]

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BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for  
the current include (^transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when  
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BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for  
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BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
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Defines `boost::hana::set`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/set.hpp  
No license file was found, but licenses were detected in source scan.

/\*-----+

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/difference\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/ptime.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval\_subset\_comparer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/difference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/gregorian.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/rational.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/element\_comparer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/interval\_morphism.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/rep\_type\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/subset\_comparer.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/meta\_grammar.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/is\_nullary.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::at` and `boost::hana::at_c`.

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*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/at.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/numeric/real.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
```

[auto\_generated]  
boost/numeric/odeint/external/openmp/openmp.hpp

[begin\_description]  
Wrappers for OpenMP.  
[end\_description]

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Copyright 2013 Mario Mulansky  
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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::EuclideanRing`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/concept/euclidean\_ring.hpp  
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\*  
\* See <http://www.boost.org/libs/flyweight> for library home page.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/not\_placeholder\_expr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/flyweight/key\_value.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/detail/less\_with\_sign.hpp

[begin\_description]

Helper function to compare times taking into account the sign of dt

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/util/detail/less\_with\_sign.hpp

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/\*!

@file

Defines `boost::hana::symmetric\_difference`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/symmetric\_difference.hpp

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function.h

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/function.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/integrate/detail/integrate\_const.hpp

[begin\_description]  
integrate const implementation  
[end\_description]

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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_const.hpp  
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/\*!  
@file  
Defines `boost::hana::detail::type\_foldr1`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/type\_foldr1.hpp  
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Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/arity.hpp  
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/\*=====  
Boost.Wave: A Standard compliant C++ preprocessor library

Detect the need to insert a whitespace token into the output stream

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/wave/util/insert\_whitespace\_detection.hpp  
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/\*!

@file

Defines `boost::hana::drop\_while`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/drop\_while.hpp  
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/\* Boost interval/transc.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/transc.hpp  
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/\*!

@file

Includes all the adaptors for external Boost libraries.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost.hpp  
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/\* Boost interval/detail/alpha\_rounding\_control.hpp file

\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/alpha\_rounding\_control.hpp  
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/\*!

@file

Defines `boost::hana::or`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/or.hpp  
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/\*!

@file

Defines `boost::hana::find\_if`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/find\_if.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/map\_index.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/map\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/build\_map.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/build\_deque.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/build\_deque.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/begin\_impl.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/size\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/cons\_tie.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/begin\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/tag\_of.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/distance.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/transform\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/build\_cons.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/size.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/has\_key.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/list\_to\_cons\_call.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/adapt\_value\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/detail/replace\_if.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/end.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/support/is\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/begin.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/at.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/mpl/fusion\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/for\_each.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/begin\_impl.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/next.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/replace.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/mpl/empty.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/filter\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/front.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/is\_view\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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zip/1.75.0/include/boost/fusion/view/joint\_view/detail/end\_impl.hpp  
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/\*!  
@file

Defines `boost::hana::cartesian\_product`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/cartesian\_product.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/intrusive/detail/has\_member\_function\_callable\_with.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/default\_delete.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/pointer\_rebind.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/unique\_ptr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/compare\_functors.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/intrusive/detail/std\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/std\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/detail/fwd\_macros.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/move/detail/workaround.hpp

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\*

\* Authors: Matthias Walter

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/bipartite.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

```
*
* File:    boost/iostreams/detail/restrict.hpp
* Date:    Sun Jan 06 12:57:30 MST 2008
* Copyright: 2008 CodeRage, LLC
            2004-2007 Jonathan Turkanis
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com
*
* Defines the class template boost::iostreams::restriction and the
* overloaded function template boost::iostreams::slice.
*
* This header is provided for platforms on which "restrict" is a keyword.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/slice.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)
http://spirit.sourceforge.net/

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
// for more details.
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/actor/insert_at_actor.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
* Distributed under the Boost Software License, Version 1.0.(See accompanying
* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.
*
* File:    boost/iostreams/detail/file_handle.hpp
* Date:    Sun Jun 22 14:23:12 MDT 2008
* Copyright: 2008 CodeRage, LLC
* Author:   Jonathan Turkanis
* Contact:  turkanis at coderage dot com
*
* Defines the type boost::iostreams::detail::file_handle, representing an
* operating system file handle.
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/file\_handle.hpp

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```
/* Boost interval/ext/integer.hpp template implementation file
```

```
*
```

```
* Copyright 2003 Guillaume Melquiond
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* (See accompanying file LICENSE_1_0.txt or
```

```
* copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/ext/integer.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::not_equal`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/not\_equal.hpp

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::minus`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/minus.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::sort`.
```

```
@copyright Louis Dionne 2013-2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/sort.hpp

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/\*!

@file

Forward declares `boost::hana::then`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/then.hpp

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/\*-----+

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/element\_associator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/right\_open\_interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/predicate.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_numeric.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/discrete\_interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/closed\_interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/interval\_bounds.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/predicates/distinct\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/boost\_config.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/predicates/element\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/open\_interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/predicates/std\_equal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/interval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/associated\_value.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/detail/exclusive\_less\_than.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/left_open_interval.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/continuous_interval.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/concept/interval_bounds.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/predicates/sub_super_set.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/uniform_01.hpp header file
*
* Copyright Jens Maurer 2000-2001
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/uniform_01.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::adjust`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/adjust.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::monadic_fold_right`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/monadic\_fold\_right.hpp  
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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/arm.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/arm/versions.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86/versions.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86\_amd/versions.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/ppc.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/ppc/versions.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86\_amd.h

No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) Pablo Aguilar 2005

Copyright (c) Kevlin Henney 2001

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The class boost::spirit::hold\_any is built based on the any class published here: [http://www.codeproject.com/cpp/dynamic\\_typing.asp](http://www.codeproject.com/cpp/dynamic_typing.asp). It adds support for std streaming operator<<() and operator>>().

=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/support/detail/hold\_any.hpp

No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::filter`.
```

```
@copyright Louis Dionne 2013-2017  
Distributed under the Boost Software License, Version 1.0.  
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/filter.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Boost.Wave: A Standard compliant C++ preprocessor library  
Definition of the various language support constants
```

```
http://www.boost.org/
```

```
Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost  
Software License, Version 1.0. (See accompanying file  
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/language_support.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2013-2014 Damien Buhl
```

```
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_auto.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt_base_attr_filler.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt_base_assoc_attr_filler.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base_assoc_attr_filler.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base_attr_filler.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_is_tpl.hpp
```

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```
//  
// Copyright (c) 2016-2019 Vinnie Falco (vinnie dot falco at gmail dot com)  
//  
// Distributed under the Boost Software License, Version 1.0. (See accompanying  
// file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)  
//  
// Official repository: https://github.com/boostorg/beast  
//
```

```
#ifndef BOOST_BEAST_WEBSOCKET_DETAIL_MASK_IPP  
#define BOOST_BEAST_WEBSOCKET_DETAIL_MASK_IPP
```

```
#include <boost/beast/websocket/detail/mask.hpp>
```

```
namespace boost {  
namespace beast {  
namespace websocket {  
namespace detail {
```

```
void  
prepare_key(prepared_key& prepared, std::uint32_t key)  
{  
    prepared[0] = (key >> 0) & 0xff;  
    prepared[1] = (key >> 8) & 0xff;  
    prepared[2] = (key >> 16) & 0xff;  
    prepared[3] = (key >> 24) & 0xff;  
}
```

```
inline  
void  
rol(prepared_key& v, std::size_t n)  
{  
    auto v0 = v;  
    for(std::size_t i = 0; i < v.size(); ++i )  
        v[i] = v0[(i + n) % v.size()];  
}
```

```
// Apply mask in place  
//
```

```
void  
mask_inplace(net::mutable_buffer const& b, prepared_key& key)  
{  
    auto n = b.size();  
    auto const mask = key; // avoid aliasing  
    auto p = static_cast<unsigned char*>(b.data());  
    while(n >= 4)
```

```

{
  for(int i = 0; i < 4; ++i)
    p[i] ^= mask[i];
  p += 4;
  n -= 4;
}
if(n > 0)
{
  for(std::size_t i = 0; i < n; ++i)
    p[i] ^= mask[i];
  rol(key, n);
}
}

```

```

} // detail
} // websocket
} // beast
} // boost

```

#endif

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/websocket/detail/mask.hpp

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```

/* *****
# *
# * (C) Copyright Paul Mensonides 2011. *
# * Distributed under the Boost Software License, Version 1.0. (See *
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/preprocessor/seq/detail/binary\_transform.hpp

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// Copyright Beman Dawes and Daryle Walker 1999. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/integer.hpp

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```

/*
* Copyright 2017 Andrey Semashev
*

```

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\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* This header is deprecated, use boost/winapi/local\_memory.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/local\_memory.hpp  
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/\*!

@file

Forward declares `boost::hana::prefix`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/prefix.hpp  
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/\*!

@file

Defines `boost::hana::type` and related utilities.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/type.hpp  
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/\*!

@file

Forward declares `boost::hana::drop\_back`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/drop\_back.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/explicit\_error\_generic\_rk.hpp

[begin\_description]

Implementation of the generic Runge Kutta error stepper. Base class for many RK error steppers.

[end\_description]

Copyright 2011-2013 Mario Mulansky

Copyright 2011-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/explicit\_error\_generic\_rk.hpp

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\*

\* This header is deprecated, use boost/winapi/security.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/security.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/log/keywords/target\_file\_name.hpp

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```
// Copyright 2005 Daniel Egloff. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_extended_p_square.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/extended_p_square.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/extended_p_square_quantile.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_p_square_quantile.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p_square_quantile.hpp
```

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```
/*=====
```

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/fold.hpp
```

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```
/*=====
```

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Copyright (c) 1999-2003 Jeremiah Willcock  
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/io/out.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/out.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/sequence/io/detail/in.hpp
```

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```
/*!  
@file  
Defines `boost::hana::unpack`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/unpack.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/struct/detail/proxy\_type.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/struct/detail/namespace.hpp

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compressed\_pair.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/compressed\_pair.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/utility/rule\_parser.hpp

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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

AUTOGENERATED. DO NOT EDIT!!!
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/category_table.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/uppercase_table.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/lowercase_table.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/script_table.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001, Daniel C. Nuffer
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/iterator/multi_pass.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* boost random auto_link.hpp header file
*
* Copyright Steven Watanabe 2010
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* $Id$
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/auto_link.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 2003-2018 Joaquin M Lopez Munoz.
```

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/duplicates\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnk\_index\_ops.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_node.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_node\_iterator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_loader.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/bidir\_node\_iterator.hpp  
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\*  
\* Copyright (c) 2017 Andrey Semashev  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_msvc\_x86.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/make\_unsigned.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_msvc\_arm.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_signed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/make\_signed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/type\_traits/integral\_constant.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/atomic/detail/type\_traits/conditional.hpp

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zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_integral.hpp

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```
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```

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zip/1.75.0/include/boost/fusion/container/map/detail/value\_at\_key\_impl.hpp

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/\* A less simple result type

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/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file

\*

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zip/1.75.0/include/boost/numeric/interval/detail/x86gcc\_rounding\_control.hpp

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repeat\_while.h

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/\*!

@file

Forward declares `boost::hana::Struct`.

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/detail/macros.hpp

[begin\_description]

Some macros for type checking.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/algebra/detail/macros.hpp

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/\* Sets Outcome version

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See <http://www.boost.org/libs/spirit> for documentation

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Found in path(s):

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zip/1.75.0/include/boost/smart\_ptr/make\_local\_shared\_array.hpp

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/\*!

@file

Forward declares `boost::hana::less`.

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/\*

[begin\_description]

Modification of the implicit Euler method, works with the MTL4 matrix library only.

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4\_resize.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/implicit\_euler\_mtl4.hpp

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```

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zip/1.75.0/include/boost/spirit/repository/home/qi/operator/keywords.hpp
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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/sort/parallel_stable_sort/parallel_stable_sort.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/spinort/spinort.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/deque_cnc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/insert_sort/insert_sort.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/rearrange.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/sort/sample_sort/sample_sort.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/range.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/scheduler.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/sort_basic.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/util/insert.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/merge_four.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/sort/block_indirect_sort/blk_detail/merge_blocks.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/util/merge.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/file_vector.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/util/traits.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/stack_cnc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/merge_block.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/int_array.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/pivot.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/sort/block_indirect_sort/blk_detail/block.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/sort/flat_stable_sort/flat_stable_sort.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/util/atomic.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/util/search.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/common/indirect.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/sort/heap_sort/heap_sort.hpp
```

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/backbone.hpp  
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zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/constants.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/block\_indirect\_sort.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/sort/common/time\_measure.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/sort/common/util/circular\_buffer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/move\_blocks.hpp  
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zip/1.75.0/include/boost/fusion/adapted/mpl/detail/size\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/is\_sequence\_impl.hpp

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zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is\_sequence\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/at\_impl.hpp

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zip/1.75.0/include/boost/fusion/view/transform\_view/detail/advance\_impl.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/begin\_impl.hpp

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zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/at\_impl.hpp

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zip/1.75.0/include/boost/fusion/adapted/boost\_array/array\_iterator.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/support/detail/is\_mpl\_sequence.hpp

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zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is\_view\_impl.hpp

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zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/size\_impl.hpp

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zip/1.75.0/include/boost/fusion/algorithm/transformation/filter.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/advance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/prior\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/end\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/has\_key\_impl.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_adaptive.hpp

[begin\_description]

Adaptive integration of ODEs.

[end\_description]

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Copyright 2009-2011 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_adaptive.hpp

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/\*!

@file

Defines `boost::hana::for\_each`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/for\_each.hpp

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/\*

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(glenjofe@gmail.com)

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/type\_traits/nonesuch.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/type\_traits/make\_void.hpp

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/\*=====

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Copyright (c) 2005-2010 Joel de Guzman

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/phoenix/fusion/at.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_set/basic\_chset.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/poisson_distribution.hpp header file
*
* Copyright Jens Maurer 2002
* Copyright Steven Watanabe 2010
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/poisson\_distribution.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
Copyright 2014-2015 Glen Joseph Fernandes
(glenjofe@gmail.com)
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/detail/max\_size.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/aligned\_delete.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/aligned\_delete\_forward.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/aligned\_alloc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/align/align.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/alignment_of.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/alignment_of_msvc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/max_align.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/aligned_alloc_new.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::contains` and `boost::hana::in`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/contains.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
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```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/deferral.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/state.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/transition.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/event.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/event_processor.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/counted_base.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/statechart/exception_translator.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/reaction_dispatcher.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/node_state.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/fifo_scheduler.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/memory.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/event_base.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/history.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/fifo_worker.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/constructor.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/statechart/processor_container.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/in_state_reaction.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/statechart/null_exception_translator.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/termination.hpp
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/xpressive/detail/utility/counted_base.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/state_machine.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/deep_history.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/result.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/custom_reaction.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/functional.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/rtti_policy.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/state_base.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/detail/leaf_state.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/shallow_history.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/statechart/simple_state.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/statechart/asynchronous_state_machine.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/utf8_codecvt_facet.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/statechart/detail/avoid_unused_warning.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::infix`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/infix.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman
```

```
Copyright (c) 2017 Kohei Takahashi
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

```
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
// (C) Copyright Ion Gaztanaga 2006-2012. Distributed under the Boost
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/file_wrapper.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/smart_ptr/detail/shared_count.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/smart_ptr/scoped_ptr.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/managed_open_or_create_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/smart_ptr/intrusive_ptr.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/detail/ptime_wrk.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/interprocess/smart_ptr/enable_shared_from_this.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::_`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/placeholder.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::eval_if`.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/eval_if.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2014 Paul Fultz II
move.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/move.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010 Thomas Heller
Copyright (c) 2016 Kohei Takahashi

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_eval.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_20.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_50.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_10.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_40.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_30.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/operator/member.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::demux`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/demux.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/resizer.hpp
```

```
[begin_description]
```

Implementation of the resizers.

[end\_description]

Copyright 2011-2012 Mario Mulansky

Copyright 2011 Karsten Ahnert

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/util/resizer.hpp

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// [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

#ifndef BOOST\_COROUTINES2\_DETAIL\_PUSH\_CONTROL\_BLOCK\_IPP

#define BOOST\_COROUTINES2\_DETAIL\_PUSH\_CONTROL\_BLOCK\_IPP

#include <algorithm>

#include <exception>

#include <memory>

#include <boost/assert.hpp>

#include <boost/config.hpp>

#include <boost/context/detail/config.hpp>

#include <boost/context/fiber.hpp>

#include <boost/coroutine2/detail/config.hpp>

#include <boost/coroutine2/detail/wrap.hpp>

#ifdef BOOST\_HAS\_ABI\_HEADERS

# include BOOST\_ABI\_PREFIX

#endif

namespace boost {

namespace coroutines2 {

namespace detail {

// push\_coroutine< T >

template< typename T >

void

```

push_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
          // create synthesized pull_coroutine< T >
          typename pull_coroutine< T >::control_block synthesized_cb{ this, c };
          pull_coroutine< T > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          other->c = std::move( other->c).resume();
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized pull_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const&) {
                  throw;
            }
#endif
            } catch ( abi::__forced_unwind const&) {
                throw;
            }
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
},
    std::forward< Fn >( fn) ),
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      [this, fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
          // create synthesized pull_coroutine< T >
          typename pull_coroutine< T >::control_block synthesized_cb{ this, c };

```

```

pull_coroutine< T > synthesized{ & synthesized_cb };
other = & synthesized_cb;
other->c = std::move( other->c).resume();
if ( state_t::none == ( state & state_t::destroy) ) {
    try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized pull_coroutine as argument
        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
                                                  boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind) ) {
        destroy( this);
    }
}

```

```

template< typename T >
void
push_coroutine< T >::control_block::resume( T const& data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
void
push_coroutine< T >::control_block::resume( T && data) {
    // pass data to other context
    other->set( std::move( data) );
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
bool
push_coroutine< T >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

```

```

// push_coroutine< T & >

```

```

template< typename T >
void
push_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

```

```

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn) :
    #if defined(BOOST_NO_CXX14_GENERIC_LAMBDDAS)

```

```

c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T & >
    typename pull_coroutine< T & >::control_block synthesized_cb{ this, c };
    pull_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
        }
    }
#if defined( BOOST_CONTEXT_HAS_CXXABI_H )
    } catch ( abi::__forced_unwind const& ) {
        throw;
    }
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
},
std::forward< Fn >( fn) ) },
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
[this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T & >
    typename pull_coroutine< T & >::control_block synthesized_cb{ this, c };
    pull_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
        }
    }
#if defined( BOOST_CONTEXT_HAS_CXXABI_H )
    } catch ( abi::__forced_unwind const& ) {
        throw;
    }
#endif
}
}

```

```

#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
                                                boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
push_coroutine< T >::control_block::resume( T & data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
bool
push_coroutine< T & >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

// push_coroutine< void >

inline
void
push_coroutine< void >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename StackAllocator, typename Fn >
push_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc, Fn
&& fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
    wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
        // create synthesized pull_coroutine< void >
        typename pull_coroutine< void >::control_block synthesized_cb{ this, c };
        pull_coroutine< void > synthesized{ & synthesized_cb };
        other = & synthesized_cb;
        other->c = std::move( other->c).resume();
        if ( state_t::none == ( state & state_t::destroy) ) {
            try {
                auto fn = std::move( fn_);
                // call coroutine-fn with synthesized pull_coroutine as argument
                fn( synthesized);
            } catch ( boost::context::detail::forced_unwind const& ) {
                throw;
            }
#endif
        } catch ( abi::__forced_unwind const& ) {
            throw;
        }
        #endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;

```

```

        // jump back
        other->c = std::move( other->c).resume();
        return std::move( other->c);
    },
    std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< void >
    typename pull_coroutine< void >::control_block synthesized_cb{ this, c};
    pull_coroutine< void > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy ) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
        }
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
        }
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
  } },
#endif
other{ nullptr },
state{ state_t::unwind },
except{ } {
    c = std::move( c).resume();
}

inline
push_coroutine< void >::control_block::control_block( pull_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },

```

```

    except{} {
    }

inline
void
push_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

inline
void
push_coroutine< void >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

inline
bool
push_coroutine< void >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

}}}

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif

#endif // BOOST_COROUTINES2_DETAIL_PUSH_CONTROL_BLOCK_IPP

Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/coroutine2/detail/push_control_block_cc.ipp
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/*!
@file
Forward declares `boost::hana::not_`.

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*/

```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/not.hpp

No license file was found, but licenses were detected in source scan.

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/repository/home/qi/directive/kwd.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/util/detail/is_range.hpp

[begin_description]
is_range implementation. Taken from the boost::range library.
[end_description]
```

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Copyright 2011-2013 Thorsten Ottosen

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/odeint/util/detail/is\_range.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::take_back`.
```

```
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*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/take\_back.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/support/preprocessed/vector.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr.hpp

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```
/*!
@file
Defines `boost::hana::fold`.

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*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fold.hpp

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```
/* Boost interval/detail/bugs.hpp file
*

```

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/interval/detail/bugs.hpp  
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/\*!

@file

Forward declares `boost::hana::chain`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/chain.hpp  
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/\*!

@file

Forward declares `boost::hana::one`.

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/one.hpp  
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/\*!

@file

Forward declares `boost::hana::detail::nested\_than`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_than\_fwd.hpp  
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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/at\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_at\_impl.hpp  
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```
/*=====
Phoenix V1.2.1
Copyright (c) 2001-2003 Joel de Guzman
Copyright (c) 2001-2003 Hartmut Kaiser
Copyright (c) 2003 Vaclav Vesely

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/new.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/integrate/observer_collection.hpp

[begin_description]
Collection of observers, which are all called during the evolution of the ODE.
[end_description]
```

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/observer\_collection.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/qi/numeric/uint.hpp

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Based on <https://blogs.msdn.microsoft.com/oldnewthing/20170104-00/?p=95115>

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/algorithm/apply\_permutation.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_dopri5.hpp

[begin\_description]

Implementation of the Dormand-Prince 5(4) method. This stepper can also be used with the dense-output controlled stepper.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_dopri5.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/recursive\_lw\_mutex.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_adt.hpp

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/\*!

@file

Defines `boost::hana::make`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/make.hpp  
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/\*!

@file

Defines `boost::hana::tag\_of` and `boost::hana::tag\_of\_t`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/tag\_of.hpp  
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/\* boost random/uniform\_real.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-04-08 added min<max assertion (N. Becker)

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/uniform\_real.hpp  
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/\* boost random/uniform\_smallint.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

```
* $Id$
*
* Revision history
* 2001-04-08 added min<max assertion (N. Becker)
* 2001-02-18 moved to individual header files
*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/uniform_smallint.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
boost/numeric/odeint/stepper/detail/pid_step_adjuster_coefficients.hpp
```

```
[begin_description]
Coefficients for the PID stepsize controller.
[end_description]
```

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\*/

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/pid_step_adjuster_coefficients.hpp
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```

```
/*=====
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```

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```
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/define_struct_inline.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/include/define_struct_inline.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/support/as_const.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/define_struct_inline.hpp
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```

```
/*
```

[auto\_generated]  
boost/numeric/odeint/stepper/detail/generic\_rk\_call\_algebra.hpp

[begin\_description]  
Algebra caller for the generic Runge-Kutta methods.  
[end\_description]

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_call\_algebra.hpp  
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\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* This header is deprecated, use boost/winapi/handles.hpp instead.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/handles.hpp  
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\*  
\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/stride\_iterator.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/version.hpp

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/\* boost random/bernoulli\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/bernoulli\_distribution.hpp

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/\*!

@file

Forward declares `boost::hana::scan_left`.`

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/file\_management.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/winapi/file\_mapping.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_register2.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_traits\_defaults.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/swizzle.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_register4.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/detail/quat\_assign.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_mat\_operations.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/quat\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/deduce\_quat.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_traits.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/exception/error\_info.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/map\_mat\_mat.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/mat.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/quat\_operations.hpp  
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zip/1.75.0/include/boost/exception/detail/error\_info\_impl.hpp  
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zip/1.75.0/include/boost/qvm/gen/vec\_mat\_operations4.hpp  
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 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/gen/mat\_operations3.hpp  
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 \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/quat\_traits\_array.hpp  
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 zip/1.75.0/include/boost/exception/errinfo\_api\_function.hpp  
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 zip/1.75.0/include/boost/exception/errinfo\_file\_open\_mode.hpp  
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zip/1.75.0/include/boost/exception/current\_exception\_cast.hpp  
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zip/1.75.0/include/boost/exception/enable\_current\_exception.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/detail/remove\_const.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/exception/errinfo\_file\_name.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/gen/vec\_operations3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/deduce\_vec.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/gen/mat\_operations2.hpp  
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zip/1.75.0/include/boost/exception/errinfo\_nested\_exception.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_operations4.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/inline.hpp  
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zip/1.75.0/include/boost/exception/detail/is\_output\_streamable.hpp  
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zip/1.75.0/include/boost/exception/diagnostic\_information.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_traits\_array.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_mat\_operations3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/vec\_operations3.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/detail/transp\_impl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/detail/mat\_assign.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/qvm/gen/vec\_assign2.hpp

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/\*!

@file

Forward declares `boost::hana::partition`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/partition.hpp

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/detail/inflate\_stream.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/deflate\_stream.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/detail/window.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/zlib.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/inflate_stream.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/detail/bitstream.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/error.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/deflate_stream.ipp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/impl/error.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/inflate_stream.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/detail/ranges.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/beast/zlib/detail/deflate_stream.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/beast/zlib/impl/error.ipp
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```

```
/*=====
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proj.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/proj.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::lockstep`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/functional/lockstep.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Comparable`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/comparable.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::arg`.
```

```
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```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/functional/arg.hpp
```

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```
/* A less simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (20 commits)
```

```
File Created: June 2017
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/basic\_outcome.hpp

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/\*!

@file

Defines macros for commonly used type traits.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/detail/intrinsics.hpp

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/\* Include the default amount of outcome

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome.hpp

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\*

\* This header is deprecated, use boost/winapi/error\_handling.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/error\_handling.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/plus.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/blaze/blaze\_resize.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_resize.hpp

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```
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lazy.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/lazy.hpp

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```
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/poly_collection for library home page.
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/detail/is\_equality\_comparable.hpp

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```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/thread/experimental/parallel/v2/task\_region.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/stepper/adams_bashforth_moulton.hpp
```

```
[begin_description]
Implementation of the Adams-Bashforth-Moulton method, a predictor-corrector multistep method.
[end_description]
```

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Copyright 2011-2013 Mario Mulansky  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth\_moulton.hpp  
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/\*!

@file

Defines `boost::hana::basic\_tuple`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/hana/basic\_tuple.hpp  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/safe\_bool.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/type\_traits/copy\_reference.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/type\_traits/copy\_cv\_ref.hpp  
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/\* Proposed SG14 status\_code

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_code\_from\_exception.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/any\_parser.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/stl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/ublas\_wrapper.hpp

[begin\_description]

Resizing for ublas::vector and ublas::matrix

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/ublas\_wrapper.hpp

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/\*!

@file

Forward declares `boost::hana::Sequence`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/concept/sequence.hpp

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/\* boost random/uniform\_real\_distribution.hpp header file

\*

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/uniform\_real\_distribution.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/lockable\_adapter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/poly\_lockable.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/null\_mutex.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/poly\_lockable\_adapter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/poly\_shared\_lockable\_adapter.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/thread/poly\_shared\_lockable.hpp  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/core/noncopyable.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/add\_unsigned.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/transcendental\_reduction\_type.hpp

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/\*!

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Forward declares `boost::hana::lift`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/lift.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_list.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_optional.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/phoenix\_stl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_real.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/support.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_attr.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_parse.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/phoenix\_core.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/repository/include/qi.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_and\_predicate.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_what.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_lexertl.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_core.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_lexer.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_char.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_attributes.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/karma\_eps.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/karma\_eol.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_standard\_wide.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/pow10.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_binary.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix\_version.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix\_algorithm.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix\_function.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_symbols.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_sequence.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_strict\_relaxed.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_raw.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix\_fusion.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_domain.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_multi\_pass\_fwd.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/karma\_confix.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_not\_predicate.hpp  
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/\*!  
@file

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/is\_invocable\_impl.hpp  
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/\*!

@file  
Defines `boost::hana::minus`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/minus.hpp  
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/\*=====

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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/chset.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/basic\_chset.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/utility/chset\_operators.hpp

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@file

Includes all the library components except the adapters for external libraries.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/iterator/position\_iterator\_fwd.hpp

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@file

Documents the `BOOST\_HANA\_DEFINE\_STRUCT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/define\_struct.hpp

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version.hpp

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/version.hpp

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/\* boost integer\_traits.hpp header file

\*

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\*

\* \$Id\$

\*

\* Idea by Beman Dawes, Ed Brey, Steve Cleary, and Nathan Myers

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/integer\_traits.hpp

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/\*!

@file

Forward declares `boost::hana::find\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/find\_if.hpp

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/\* boost random/generate\_canonical.hpp header file

\*

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\*

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\*

\* \$Id\$

\*  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/generate\_canonical.hpp  
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/\*!

@file

Defines `boost::hana::not\_`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/not.hpp  
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/\*!

@file

Defines `boost::hana::remove`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/remove.hpp  
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/\*!

@file

Includes all the headers needed to setup tag-dispatching.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/dispatch.hpp  
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/\*!

@file

Defines `boost::hana::slice` and `boost::hana::slice\_c`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/slice.hpp

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```
/* *****  
# *  
# * (C) Copyright Paul Mensonides 2002.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_5_0.txt or copy at  
# * http://www.boost.org/LICENSE\_5\_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse5\_1024.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward5\_1024.hpp

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```
/* boost random/detail/operators.hpp header file
```

```
*
```

```
* Copyright Steven Watanabe 2010-2011
```

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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/detail/operators.hpp

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/controlled_step_result.hpp
```

```
[begin_description]
```

Defines the result type for all controlled stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_step\_result.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/array\_size.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/detail/detector.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/is\_detected\_exact.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/detected\_or.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/is\_detected.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/detected.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/is\_detected\_convertible.hpp

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```
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 * http://www.boost.org/LICENSE\_1\_0.txt)
 *
 * Copyright (c) 2011 Helge Bahmann
 * Copyright (c) 2013 Tim Blechmann
 * Copyright (c) 2014, 2020 Andrey Semashev
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/atomic_flag.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/atomic/detail/atomic_flag_impl.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/atomic/atomic.hpp
```

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```
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```

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```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/crc.hpp
```

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```
/* Boost interval/detail/c99sub_rounding_control.hpp file
```

```
*
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 * Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
 *
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 * copy at http://www.boost.org/LICENSE\_1\_0.txt)
 */
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/c99sub_rounding_control.hpp
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/allocator.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/auto_link.hpp
```

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```
/* Storage for a very simple basic_result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
```

```
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/detail/basic\_result\_storage.hpp

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/\*

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\*

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\*

\* This header is deprecated, use boost/winapi/shell.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/shell.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the preprocessor context

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cpp\_iteration\_context.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/wave/cpp\_context.hpp

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/\* iostream specialisations for result and outcome

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (21 commits)

File Created: July 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/iostream\_support.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/rotate.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/static.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*

\* This header is deprecated, use boost/winapi/mutex.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/mutex.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::Group`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/group.hpp

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/\*

```
* Copyright 2017 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE\_1\_0.txt
*
* This header is deprecated, use boost/winapi/error_codes.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/error_codes.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::Functor`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/functor.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/generation.hpp
```

```
[begin_description]
```

```
Forward header for the factory functions. Includes all files from the generation directory.
```

```
[end_description]
```

```
Copyright 2011 Karsten Ahnert
```

```
Copyright 2011 Mario Mulansky
```

```
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```

```
copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/generation.hpp
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```

```
/*
```

```
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```



```
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* \author Marco Guazzone, marco.guazzone@gmail.com
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/numeric/ublas/operation/end.hpp
No license file was found, but licenses were detected in source scan.
```

```
// This helper function manages the attribution of vertex indices.
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/undirected_graph.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/graph/directed_graph.hpp
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```

```
/*
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http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd/free.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd/dragonfly.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd/net.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd/bsdi.h
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/bsd/open.h
No license file was found, but licenses were detected in source scan.
```

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/no_case.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

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Copyright (c) 2002-2003 Hartmut Kaiser  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/attribute.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/assert.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/parser\_names.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/minimal.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/classic/debug.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/make\_dense\_output.hpp

[begin\_description]

Factory function to simplify the creation of dense output steppers from error steppers.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/make\_dense\_output.hpp

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/\* Proposed SG14 status\_code

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File Created: Aug 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/std\_error\_code.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse\_iter\_fold.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/iter\_fold.hpp

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\*  
\* This header is deprecated, use boost/winapi/character\_code\_conversion.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/character\_code\_conversion.hpp  
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\*  
\* This header is deprecated, use boost/winapi/condition\_variable.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/detail/winapi/condition\_variable.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/eigen/eigen\_algebra.hpp

[begin\_description]  
tba.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen\_algebra.hpp  
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/\*!

@file

Forward declares `boost::hana::members`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/members.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/transform\_view/detail/at\_impl.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/min\_size.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/is\_alignment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/align/detail/alignment\_of\_clang.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/align/detail/is\_alignment\_constant.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/make\_unique.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/align/detail/aligned\_alloc\_macos.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/align/aligned\_allocator\_adaptor\_forward.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/align/detail/aligned\_alloc\_posix.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/alignment_of_codegear.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/alignment_of_gcc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/alignment_of_cxx11.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/aligned_alloc_msvc.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/alignment_of_forward.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/max_objects.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/aligned_alloc_android.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/is_aligned.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/detail/aligned_alloc_sunos.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/align/aligned_allocator_forward.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/align_cxx11.hpp
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```

```
/*!
@file
Defines `boost::hana::then`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/then.hpp
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```

```
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=====*/
```

```
Found in path(s):
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/utree/detail/utree_detail2.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/spirit/home/support/utree/detail/utree_detail1.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
```

zip/1.75.0/include/boost/spirit/home/support/utree/operators.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned\_gcc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned\_msvc.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/assume\_aligned.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/align/detail/assume\_aligned\_intel.hpp

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\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.  
\*  
\* Defines preprocessor symbols expanding to the names of functions in the  
\* C runtime library used to access file descriptors and to the type used  
\* to store file offsets for seeking.  
\*  
\* File: boost/iostreams/detail/config/rtl.hpp  
\* Date: Wed Dec 26 11:58:11 MST 2007  
\*  
\* Copyright: 2007-2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com  
\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/iostreams/detail/config/rtl.hpp  
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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/cstdlib.hpp

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/\*!

@file

Defines `boost::hana::replace`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/replace.hpp

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/\* Says how to convert value, error and exception types

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/is\_unscoped\_enum.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/conjunction.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/is\_scoped\_enum.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/type\_traits/is\_trivially\_copyable.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/negation.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/type\_traits/disjunction.hpp

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apply\_eval.h

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/\* boost random/lagged\_fibonacci.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2013-10-14 fixed some warnings with Wshadow (mgaunard)

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/lagged\_fibonacci.hpp

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lift.h

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/lift.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta4.hpp

[begin\_description]

Implementation of the classical Runge-Kutta stepper with the generic stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta4.hpp

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/\*!

@file

Forward declares `boost::hana::union\_`.

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/fwd/union.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/query/find\_if\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/query/detail/segmented\_find.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/single\_view/detail/size\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_size.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/query/find\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/segmented\_fold.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/single\_view/detail/at\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/is\_segmented\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/single\_view/detail/value\_at\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/query/detail/segmented\_find\_if.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/segments\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/segmented\_for\_each.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/single\_view/detail/advance\_impl.hpp

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/\*!

@file

Adapts `boost::fusion::deque` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/boost/fusion/deque.hpp

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```
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zip/1.75.0/include/boost/phoenix/scope/detail/local\_variable.hpp

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```
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*
*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/random/detail/generator\_seed\_seq.hpp

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```
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*/
```

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/other/endian.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/other.h

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/blackfin.h  
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@file

Master header for the `boost/hana/concept` subdirectory.

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@file

Defines `boost::hana::while`.

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\*/

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/any\_model.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/packed\_segment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/type\_info\_map.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/split\_segment.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/segment\_backend.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/poly\_collection/algorithm.hpp  
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@file

Defines `boost::hana::Monoid`.

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zip/1.75.0/include/boost/spirit/home/x3/numeric/bool\_policies.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/numeric/bool.hpp

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- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/language/stdcpp.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/detail/test\_def.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/convex.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/os400.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/os/vms.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/language/stdc.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/library/std/cxx.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/language.h
- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/predef/architecture/pyramid.h

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Found in path(s):

- \* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/phoenix/core.hpp

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tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_4.hpp  
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/\* boost random/piecewise\_linear\_distribution.hpp header file  
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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_linear\_distribution.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/mpi/mpi\_state.hpp

[begin\_description]  
A generic split state, storing partial data on each node.  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_state.hpp  
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/\* Traits for Outcome

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (3 commits)

File Created: March 2018

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/outcome/detail/trait\_std\_exception.hpp  
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zip/1.75.0/include/boost/multiprecision/detail/functions/constants.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multiprecision/detail/functions/trig.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/rosenbrock4.hpp

[begin\_description]

Implementation of the Rosenbrock 4 method for solving stiff ODEs. Note, that a controller and a dense-output stepper exist for this method,

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4.hpp

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/\*!

@file

Forward declares `boost::hana::unpack`.

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@file

Defines `boost::hana::intersection`.

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_deque\_tie.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/transformation/zip.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/zip\_view/detail/value\_of\_impl.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/view/detail/strictest\_traversal.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_deque.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_map\_tie.hpp

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```
/*=====
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intrinsic.hpp
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hof/detail/intrinsic.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_times.hpp

[begin\_description]

Integration of ODEs with observation at user defined points

[end\_description]

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\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/icl/type\_traits/succ\_pred.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/identity.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/ordered\_index.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/member.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/index\_matcher.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/ranked\_index\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_impl\_fwd.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/global\_fun.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_ops.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/detail/raw\_ptr.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/multi\_index/composite\_key.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/value\_compare.hpp

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/ordered_index_fwd.hpp
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/multi_index/detail/index_loader.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/callable_traits/detail/polyfills/disjunction.hpp
No license file was found, but licenses were detected in source scan.
```

```
////////1////////2////////3////////4////////5////////6////////7////////8
```

```
// text_iarchive_impl.ipp:
```

```
// (C) Copyright 2002 Robert Ramey - http://www.rrsd.com .
```

```
// Distributed under the Boost Software License, Version 1.0. (See
```

```
// accompanying file LICENSE_1_0.txt or copy at
```

```
// http://www.boost.org/LICENSE\_1\_0.txt)
```

```
// See http://www.boost.org for updates, documentation, and revision history.
```

```
////////////////////////////////////
```

```
// implementation of basic_text_iprimitive overrides for the combination
```

```
// of template parameters used to implement a text_iprimitive
```

```
#include <cstddef> // size_t, NULL
```

```
#include <boost/config.hpp>
```

```
#if defined(BOOST_NO_STDC_NAMESPACE)
```

```
namespace std{
```

```
    using ::size_t;
```

```
} // namespace std
```

```
#endif
```

```
#include <boost/detail/workaround.hpp> // RogueWave
```

```
#include <boost/archive/text_iarchive.hpp>
```

```
namespace boost {
```

```
namespace archive {
```

```

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(char *s)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    // Works on all tested platforms
    is.read(s, size);
    s[size] = '\0';
}

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(std::string &s)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    // borland de-allocator fixup
    #if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
    if(NULL != s.data())
    #endif
        s.resize(size);
    if(0 < size)
        is.read(&(*s.begin()), size);
}

#ifndef BOOST_NO_CWCHAR
#ifndef BOOST_NO_INTRINSIC_WCHAR_T
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(wchar_t *ws)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    is.read((char *)ws, size * sizeof(wchar_t)/sizeof(char));
    ws[size] = L'\0';
}
#endif // BOOST_NO_INTRINSIC_WCHAR_T

#ifndef BOOST_NO_STD_WSTRING
template<class Archive>
BOOST_ARCHIVE_DECL void

```

```

text_iarchive_impl<Archive>::load(std::wstring &ws)
{
    std::size_t size;
    * this->This() >> size;
    // borland de-allocator fixup
    #if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
    if(NULL != ws.data())
    #endif
        ws.resize(size);
    // skip separating space
    is.get();
    is.read((char *)ws.data(), size * sizeof(wchar_t)/sizeof(char));
}

#endif // BOOST_NO_STD_WSTRING
#endif // BOOST_NO_CWCHAR

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load_override(class_name_type & t){
    basic_text_iarchive<Archive>::load_override(t);
}

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::init(){
    basic_text_iarchive<Archive>::init();
}

template<class Archive>
BOOST_ARCHIVE_DECL
text_iarchive_impl<Archive>::text_iarchive_impl(
    std::istream & is,
    unsigned int flags
):
    basic_text_iprimitive<std::istream>(
        is,
        0 != (flags & no_codecvt)
    ),
    basic_text_iarchive<Archive>(flags)
{}

} // namespace archive
} // namespace boost

```

Found in path(s):

```

* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/archive/impl/text_iarchive_impl.ipp

```

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```
/*  
* Copyright 2017 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/pipes.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/pipes.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
@Copyright Barrett Adair 2016-2017  
  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/  
  
Found in path(s):  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/callable_traits/detail/config.hpp  
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-  
zip/1.75.0/include/boost/callable_traits/detail/sfinae_errors.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::when` and `boost::hana::when_valid`.  
  
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/core/when.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::Sequence`.
```

```
@copyright Louis Dionne 2013-2017  
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/concept/sequence.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::all`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/all.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::equal`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/equal.hpp

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/\* boost random/shuffle\_output.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/random/shuffle\_output.hpp

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Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/container/detail/is\_container.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/value\_functors.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/is\_contiguous\_container.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/container\_or\_allocator\_rebind.hpp

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/container/detail/container\_rebind.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/spirit/repository/home/qi/operator/detail/keywords.hpp

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/\*!

@file

Defines `boost::hana::map`.

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\*/

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/map.hpp

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/\*!

@file

Defines `boost::hana::less`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/less.hpp  
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/\*!  
@file  
Adapts `std::ratio` for use with Hana.

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\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/ext/std/ratio.hpp  
No license file was found, but licenses were detected in source scan.

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\*  
\* This header is deprecated, use boost/winapi/waitable\_timer.hpp instead.  
\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/detail/winapi/waitable\_timer.hpp  
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/\*=====

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=====\*/

Found in path(s):  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_token.hpp  
\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_attribute.hpp

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```
/*=====
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Copyright (c) 2013-2014 Damien Buhl

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/adapt_struct.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::lazy`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/lazy.hpp
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```

```
/*!
@file
Defines `boost::hana::zip`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1288788860_1650371050.36/0/1-75-0-zip/1.75.0/include/boost/hana/zip.hpp
No license file was found, but licenses were detected in source scan.
```

```
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```

```
#ifndef BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED
#define
```

```
BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED
```

```
// forward definitions of the producer metafunctions that need to be specialized for  
// each graph representation
```

```
namespace boost {  
namespace msm {  
namespace mpl_graph {  
namespace detail {  
  
    // Edge->Target map for a Source for out_*, degree  
    template<typename RepresentationTag, typename Source, typename GraphData>  
    struct produce_out_map;  
  
    // Edge->Source map for a Target for in_*, degree  
    template<typename RepresentationTag, typename Target, typename GraphData>  
    struct produce_in_map;  
  
    // Edge->pair<Source,Target> map for source, target  
    template<typename RepresentationTag, typename GraphData>  
    struct produce_edge_st_map;  
  
    // Vertex set for VertexListGraph  
    template<typename RepresentationTag, typename GraphData>  
    struct produce_vertex_set;  
  
    // Edge set for EdgeListGraph  
    template<typename RepresentationTag, typename GraphData>  
    struct produce_edge_set;  
  
} // namespaces  
}  
}  
}
```

```
#endif //
```

```
BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED
```

Found in path(s):

\* /opt/cola/permits/1288788860\_1650371050.36/0/1-75-0-

zip/1.75.0/include/boost/msm/mpl\_graph/detail/graph\_implementation\_interface.ipp

## 1.105

# org.wso2.am.choreo.extensions.token.handle

# r 1.0.21

## 1.105.1 Available under license :

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org.wso2.am.choreo.extensions.token.handler  
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## 1.106 boost-c++-libraries---boost 1.75.0

### 1.106.1 Available under license :

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```
/* boost random/inversive_congruential.hpp header file
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/inversive_congruential.hpp
```

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```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust.hpp

[begin\_description]

includes all headers required for using odeint with thrust

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust.hpp

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/\*!

@file

Forward declares `boost::hana::none`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/none.hpp

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/\*  
[auto\_generated]  
boost/numeric/odeint/external/vexcl/vexcl\_copy.hpp

[begin\_description]  
copy\_impl specializations for vexcl  
[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_copy.hpp  
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/\* boost random/lagged\_fibonacci.hpp header file  
\*  
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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$\br/>\*  
\* Revision history  
\* 2013-10-14 fixed some warnings with Wshadow (mgaunard)  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/lagged\_fibonacci.hpp  
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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/distance\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is\_sequence\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/is\_view\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/is\_sequence\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/category\_of\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/advance\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_mpl\_sequence.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/equal\_to\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/size\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/begin\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/size\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/prior\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/advance\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/tag\_of.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/begin\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/has\_key\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/category\_of\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/adapted/boost\_array/tag\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/filter.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/is\_view\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/array\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/category\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/mpl/detail/end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_array/detail/end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/distance\_impl.hpp  
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@file

Defines `boost::hana::is\_subset`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/is\_subset.hpp

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@file

Defines `boost::hana::detail::variadic::foldl1`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/foldl1.hpp

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```
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*  
* See http://www.boost.org/libs/multi\_index for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/ranked_index.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/bucket_array.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/index_base.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/archive_constructed.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/rnd_index_ptr_array.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/converter.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/hashed_index.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/safe_mode_errors.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/hash_index_node.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/copy_map.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/allocator_traits.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/safe_mode.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/scope_guard.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/define_if_constexpr_macro.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/hash_index_iterator.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/undef_if_constexpr_macro.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/auto_space.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/sequenced_index.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/multi\_index/random\_access\_index.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/node\_handle.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/seq\_index\_ops.hpp  
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@file

Forward declares `boost::hana::is\_empty`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/is\_empty.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_advance.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/safe\_bool.hpp

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```

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*
* See http://www.boost.org/libs/multi_index for library home page.
*
* The internal implementation of red-black trees is based on that of SGI STL
* stl_tree.h file:
*
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*
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```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/ord_index_node.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multi_index/detail/ord_index_impl.hpp
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```

```

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# *

```

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/repetition/enum\_shifted\_binary\_params.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/counter.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/counter.hpp

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/\*\*

\* \_\*- c++ -\*-

\*

\* \file num\_columns.hpp

\*

\* \brief The \c num\_columns operation.

\*

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\*

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/num\_columns.hpp

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@file

Defines `boost::hana::permutations`.

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/permutations.hpp

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[auto\_generated]

boost/numeric/odeint/stepper/adams\_bashforth.hpp

[begin\_description]

Implementaton of the Adam-Bashforth method a multistep method used for the predictor step in the Adams-Bashforth-Moulton method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth.hpp

No license file was found, but licenses were detected in source scan.

/\*

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Revision history:

2 Dec 2014 mtc First version; power

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/algorithm.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/is\_contiguous\_container.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/value\_functors.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/container\_or\_allocator\_rebind.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/container/detail/is_container.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/container_rebind.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::unique`.
```

```
@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/unique.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Distributed under the Boost Software License, Version 1.0. (See accompanying
/*
Portions from http://www.adp-gmbh.ch/cpp/common/base64.html
Copyright notice:
```

base64.cpp and base64.h

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Rene Nyffenegger [rene.nyffenegger@adp-gmbh.ch](mailto:rene.nyffenegger@adp-gmbh.ch)

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/base64.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2010 Christopher Schmidt
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2015 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold.hpp

No license file was found, but licenses were detected in source scan.

```
/*
Copyright 2010 Beman Dawes

Copyright 2019-2020 Glen Joseph Fernandes
(glenjofe@gmail.com)
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/quoted.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2010 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/posix/function.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/phoenix/bind.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/statement.hpp
No license file was found, but licenses were detected in source scan.
```

```
// (C) Copyright Beman Dawes 1999-2003. Distributed under the Boost
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/noncopyable.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::reverse_fold`.
```

```
@copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/reverse_fold.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines the `BOOST_HANA_ADAPT_STRUCT` macro.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/adapt_struct.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::remove_at` and `boost::hana::remove_at_c`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_at.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 2001-2011 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/in.hpp

No license file was found, but licenses were detected in source scan.

// Copyright 2010 Daniel Wallin, Eric Niebler. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/deduce\_domain.hpp

No license file was found, but licenses were detected in source scan.

```
/* Tries to convert an exception ptr into its equivalent error code
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (11 commits)
File Created: July 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/utils.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
   Copyright (c) 2014 Kohei Takahashi
   Distributed under the Boost Software License, Version 1.0. (See accompanying
   file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
   =====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/std\_tuple.hpp

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/\*!

@file

Defines configuration macros used throughout the library.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/config.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
   Phoenix V1.2.1
   Copyright (c) 2001-2003 Joel de Guzman
   Copyright (c) 2001-2003 Hartmut Kaiser

   Distributed under the Boost Software License, Version 1.0. (See accompanying
   file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
   =====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/casts.hpp

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/\*

boost/numeric/odeint/stepper/detail/generation\_controlled\_adams\_bashforth\_moulton.hpp

[begin\_description]

Spezialization of the generation functions for creation of the controlled adams bashforth moulton stepper.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_controlled\_adams\_bashforth\_moulton.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::scan\_left`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/scan\_left.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::monadic\_fold\_left`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/monadic\_fold\_left.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::is_a` and `boost::hana::is_an`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/is\_a.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost uuid/detail/random_provider_posix implementation  
*  
* Copyright Jens Maurer 2000  
* Copyright 2007 Andy Tompkins.  
* Copyright Steven Watanabe 2010-2011  
* Copyright 2017 James E. King III  
*  
* Distributed under the Boost Software License, Version 1.0. (See  
* accompanying file LICENSE_1_0.txt or copy at  
* https://www.boost.org/LICENSE\_1\_0.txt)  
*  
* $Id$  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_posix.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/algebra/detail/for_each.hpp
```

```
[begin_description]  
Default for_each implementations.  
[end_description]
```

Copyright 2010-2012 Karsten Ahnert  
Copyright 2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/for\_each.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::flatten`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/flatten.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::scan\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/scan\_right.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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Copyright (c) 2007 Dan Marsden

Copyright (c) 2009-2010 Christopher Schmidt

Copyright (c) 2015 Kohei Takahashi

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/fold.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_40.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_20.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_30.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_30.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_30.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_40.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_40.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_expr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_50.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/new\_expr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_expr\_10.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/local\_gen.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/construct\_expr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_20.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_expr\_10.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_expr\_50.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_result\_of.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_expr_20.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new_expr.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_expr_10.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct_expr.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new_expr_50.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::comparing`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/comparing.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Boost.Wave: A Standard compliant C++ preprocessor library
```

```
http://www.boost.org/
```

```
State machine detecting include guards in an included file.
```

```
This detects two forms of include guards:
```

```
#ifndef INCLUDE_GUARD_MACRO
#define INCLUDE_GUARD_MACRO
...
#endif
```

```
or
```

```
if !defined(INCLUDE_GUARD_MACRO)
#define INCLUDE_GUARD_MACRO
...
#endif
```

note, that the parenthesis are optional (i.e. !defined INCLUDE\_GUARD\_MACRO will work as well). The code allows for any whitespace, newline and single '#' tokens before the #if/#ifndef and after the final #endif.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/detect\_include\_guards.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/shm/named\_creation\_functor.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/interprocess\_tester.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/detail/node\_tools.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/mpi/mpi\_state.hpp

[begin\_description]

A generic split state, storing partial data on each node.

[end\_description]

Copyright 2013 Karsten Ahnert

Copyright 2013 Mario Mulansky

Copyright 2013 Pascal Germroth

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_state.hpp

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/\*

```
* Copyright 2017 Andrey Semashev
*
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* See http://www.boost.org/LICENSE\_1\_0.txt
*
* This header is deprecated, use boost/winapi/handle_info.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/handle_info.hpp
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/functions/trig.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/functions/constants.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::power`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/power.hpp
```

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```
/*=====
```

```
Copyright (c) 1998-2003 Joel de Guzman
```

```
Copyright (c) 2001-2003 Daniel Nuffer
```

```
Copyright (c) 2001-2003 Hartmut Kaiser
```

```
Copyright (c) 2002-2003 Martin Wille
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```
Copyright (c) 2002 Juan Carlos Arevalo-Baeza
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Copyright (c) 2002 Raghavendra Satish
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Copyright (c) 2002 Jeff Westfahl
```

```
http://spirit.sourceforge.net/
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility.hpp

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/\*!

@file

Defines `boost::hana::Orderable`.

@copyright Louis Dionne 2013-2017

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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/orderable.hpp

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/\*=====

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_assoc\_struct\_named.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/define\_struct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/define\_struct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/define\_assoc\_struct.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/comparable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element\_map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_discrete\_interval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/joinable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_asymmetric\_interval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/map\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/on\_absorbtion.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_combining\_style.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/dynamic\_interval\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/associative\_interval\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_continuous\_interval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_set\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_associator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/adds\_inversely.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/set\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_icl\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_key\_container\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/container.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/element\_set\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/associative\_element\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/interval\_type\_default.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Whitespace eater

http://www.boost.org/

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Copyright (c) 2001-2012 Hartmut Kaiser.
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/whitespace\_handling.hpp

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```
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* https://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/range.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/tuple.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/manipulators/optional.hpp

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```
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Copyright (c) 2005 Dan Marsden
Copyright (c) 2007 Joel de Guzman
=====*/
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/algorithm.hpp

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See <http://www.boost.org/> for latest version.

Based on <https://blogs.msdn.microsoft.com/oldnewthing/20170104-00/?p=95115>

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/apply\_permutation.hpp

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/\* Proposed SG14 status\_code

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (5 commits)

File Created: June 2018

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/system\_code\_from\_exception.hpp

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```
// Copyright Oliver Kowalke 2014.
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// http://www.boost.org/LICENSE_1_0.txt)

#ifndef BOOST_COROUTINES2_DETAIL_PUSH_CONTROL_BLOCK_IPP
#define BOOST_COROUTINES2_DETAIL_PUSH_CONTROL_BLOCK_IPP

#include <algorithm>
#include <exception>
#include <memory>

#include <boost/assert.hpp>
#include <boost/config.hpp>
#include <boost/context/detail/config.hpp>

#include <boost/context/fiber.hpp>

#include <boost/coroutine2/detail/config.hpp>
#include <boost/coroutine2/detail/wrap.hpp>

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_PREFIX
#endif

namespace boost {
namespace coroutines2 {
namespace detail {

// push_coroutine< T >

template< typename T >
void
```

```

push_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
          // create synthesized pull_coroutine< T >
          typename pull_coroutine< T >::control_block synthesized_cb{ this, c };
          pull_coroutine< T > synthesized{ & synthesized_cb };
          other = & synthesized_cb;
          other->c = std::move( other->c).resume();
          if ( state_t::none == ( state & state_t::destroy) ) {
              try {
                  auto fn = std::move( fn_);
                  // call coroutine-fn with synthesized pull_coroutine as argument
                  fn( synthesized);
              } catch ( boost::context::detail::forced_unwind const& ) {
                  throw;
            }
            #if defined( BOOST_CONTEXT_HAS_CXXABI_H )
                } catch ( abi::__forced_unwind const& ) {
                    throw;
            }
            #endif
                } catch (...) {
                    // store other exceptions in exception-pointer
                    except = std::current_exception();
                }
            }
            // set termination flags
            state |= state_t::complete;
            // jump back
            other->c = std::move( other->c).resume();
            return std::move( other->c);
        },
        std::forward< Fn >( fn) ) },
#else
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
      [this, fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
          // create synthesized pull_coroutine< T >
          typename pull_coroutine< T >::control_block synthesized_cb{ this, c };

```

```

pull_coroutine< T > synthesized{ & synthesized_cb };
other = & synthesized_cb;
other->c = std::move( other->c).resume();
if ( state_t::none == ( state & state_t::destroy) ) {
    try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized pull_coroutine as argument
        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
                                                  boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind) ) {
        destroy( this);
    }
}

```

```

template< typename T >
void
push_coroutine< T >::control_block::resume( T const& data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
void
push_coroutine< T >::control_block::resume( T && data) {
    // pass data to other context
    other->set( std::move( data) );
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
bool
push_coroutine< T >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

```

```

// push_coroutine< T & >

```

```

template< typename T >
void
push_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

```

```

template< typename T >
template< typename StackAllocator, typename Fn >
push_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn) :
    #if defined(BOOST_NO_CXX14_GENERIC_LAMBDDAS)

```

```

c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
wrap( [this](typename std::decay< Fn >::type & fn_,boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T & >
    typename pull_coroutine< T & >::control_block synthesized_cb{ this, c };
    pull_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
},
std::forward< Fn >( fn) ) },
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
[ this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< T & >
    typename pull_coroutine< T & >::control_block synthesized_cb{ this, c };
    pull_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif

```

```

#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
other->c = std::move( other->c).resume();
return std::move( other->c);
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{} {
    c = std::move( c).resume();
}

template< typename T >
push_coroutine< T >::control_block::control_block( typename pull_coroutine< T >::control_block * cb,
                                                boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

template< typename T >
void
push_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

template< typename T >
void
push_coroutine< T >::control_block::resume( T & data) {
    // pass data to other context
    other->set( data);
    // resume other context
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

```

```

template< typename T >
bool
push_coroutine< T & >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

// push_coroutine< void >

inline
void
push_coroutine< void >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename StackAllocator, typename Fn >
push_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc, Fn
&& fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
    wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
        // create synthesized pull_coroutine< void >
        typename pull_coroutine< void >::control_block synthesized_cb{ this, c };
        pull_coroutine< void > synthesized{ & synthesized_cb };
        other = & synthesized_cb;
        other->c = std::move( other->c).resume();
        if ( state_t::none == ( state & state_t::destroy) ) {
            try {
                auto fn = std::move( fn_);
                // call coroutine-fn with synthesized pull_coroutine as argument
                fn( synthesized);
            } catch ( boost::context::detail::forced_unwind const& ) {
                throw;
            }
#endif
        } catch ( abi::__forced_unwind const& ) {
            throw;
        }
        #endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;

```

```

        // jump back
        other->c = std::move( other->c).resume();
        return std::move( other->c);
    },
    std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized pull_coroutine< void >
    typename pull_coroutine< void >::control_block synthesized_cb{ this, c};
    pull_coroutine< void > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    other->c = std::move( other->c).resume();
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized pull_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const&) {
            throw;
        }
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const&) {
            throw;
        }
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
    // set termination flags
    state |= state_t::complete;
    // jump back
    other->c = std::move( other->c).resume();
    return std::move( other->c);
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{ } {
    c = std::move( c).resume();
}

inline
push_coroutine< void >::control_block::control_block( pull_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },

```

```

    except{} {
    }

inline
void
push_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

inline
void
push_coroutine< void >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

inline
bool
push_coroutine< void >::control_block::valid() const noexcept {
    return state_t::none == ( state & state_t::complete );
}

}}}

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif

#endif // BOOST_COROUTINES2_DETAIL_PUSH_CONTROL_BLOCK_IPP

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/coroutine2/detail/push\_control\_block\_cc.ipp

No license file was found, but licenses were detected in source scan.

```

/*=====
    Copyright (c) 1998-2003 Joel de Guzman
    Copyright (c) 2002-2003 Martin Wille
    http://spirit.sourceforge.net/

```

Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```

=====*/

```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/epsilon.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Adapts `std::integral_constant` for use with Hana.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/integral_constant.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/int_float_pair.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

```
* Copyright Steven Watanabe 2010-2011
```

```
* Distributed under the Boost Software License, Version 1.0. (See
```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/int_float_pair.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE\_1\_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/security.hpp instead.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/security.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010 Eric Niebler
Copyright (c) 2010 Thomas Heller

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_30.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/expression.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression\_50.hpp

No license file was found, but licenses were detected in source scan.

```
/*-----+
Copyright (c) 2007-2009: Joachim Faulhaber
+-----+
Copyright (c) 1999-2006: Cortex Software GmbH, Kantstrasse 57, Berlin
+-----+
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENCE.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/to\_string.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/notate.hpp

No license file was found, but licenses were detected in source scan.

```
/* *****
# *
# * (C) Copyright Paul Mensonides 2002.
```

```
# * Distributed under the Boost Software License, Version 1.0. (See
# * accompanying file LICENSE_2_0.txt or copy at
# * http://www.boost.org/LICENSE_2_0.txt)
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse2_1024.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2_1024.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::reverse_apply`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/variadic/reverse_apply.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines operators for Iterables.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/operators/iterable.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
[auto_generated]
```

```
boost/numeric/odeint/algebra/detail/extract_value_type.hpp
```

```
[begin_description]
```

```
Extract true value type from complex types (eg. std::complex)
```

```
[end_description]
```

Copyright 2013 Karsten Ahnert  
Copyright 2013 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/extract\_value\_type.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/negative\_binomial\_distribution.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/negative\_binomial\_distribution.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

Copyright (c) 2001 Daniel C. Nuffer.

Copyright (c) 2001-2012 Hartmut Kaiser.

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/scanner.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/re2clex/aq.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (arg) 2001-2014 Joel de Guzman

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/core/action.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::Hashable`.
```

```
@copyright Louis Dionne 2016
```

```
@copyright Jason Rice 2016
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/hashable.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* Copyright 2016-2018 Joaquin M Lopez Munoz.
```

```
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```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

```
* See http://www.boost.org/libs/poly_collection for library home page.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/value_holder.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/function_model.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/functional.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/base_model.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/poly_collection.hpp
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment.hpp

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/\*!

@file

Defines `boost::hana::IntegralConstant`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/integral\_constant.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::count`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/count.hpp

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/\*=====

Copyright (c) 2015 Paul Fultz II

constexpr\_deduce.h

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/constexpr\_deduce.hpp

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/\*!

@file

Defines `boost::hana::tag\_of` and `boost::hana::tag\_of\_t`.

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(See accompanying file LICENSE.md or copy at [http://boost.org/LICENSE\\_1\\_0.txt](http://boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/tag\_of.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2010-2011 Thomas Heller

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/environment.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/local\_variable.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::cartesian_product`.

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/cartesian\_product.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2006 Tobias Schwinger

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/pair.hpp

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/\* boost random/lognormal\_distribution.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/lognormal\_distribution.hpp

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/\*

boost/numeric/odeint/stepper/detail/pid\_step\_adjuster\_coefficients.hpp

[begin\_description]

Coefficients for the PID stepsize controller.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/pid\_step\_adjuster\_coefficients.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/modified\_midpoint.hpp

[begin\_description]

Modified midpoint method for the use in Burlish-Stoer stepper.

[end\_description]

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Copyright 2011-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/modified\_midpoint.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/while.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/for.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

[begin\_description]

Implementaiton of the Burlish-Stoer method with dense output

[end\_description]

Copyright 2011-2015 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer\_dense\_out.hpp

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/\* Boost interval/policies.hpp template implementation file

\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/policies.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/functional/factory.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/functional/value\_factory.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/eigen/eigen\_algebra.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen\_algebra.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/convert.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/template\_arity.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/integral\_c.hpp

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/\*!

@file

Defines the @ref group-functional module.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional.hpp

No license file was found, but licenses were detected in source scan.

```
/* ****  
# *  
# * (C) Copyright Edward Diener 2014,2019.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/is_empty_variadic.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint.hpp
```

```
[begin_description]
```

```
Forward include for odeint. Includes nearly everything.
```

```
[end_description]
```

```
Copyright 2009-2013 Karsten Ahnert
```

```
Copyright 2010-2013 Mario Mulansky
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::back`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/back.hpp
```

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```
/*=====
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Copyright (c) 2001-2011 Hartmut Kaiser
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/real_impl.hpp
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```

```
/*
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/one_of.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx14/mismatch.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/copy_if.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/none_of.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx14/equal.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/all_of.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/iota.hpp
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```

```
/*
* Copyright 2017 Andrey Semashev
*
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*
* This header is deprecated, use boost/winapi/priority_class.hpp instead.
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/priority\_class.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/deref\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/next\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/value\_of\_impl.hpp  
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```
/*
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```

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HEADER GUARDS INTENTIONALLY OMITTED  
DO NOT INCLUDE THIS HEADER DIRECTLY

BOOST\_CLBL\_TRTS\_INCLUDE\_QUALIFIERS - the function-level qualifiers for the  
current inclusion (combinations of ``const`` ``volatile`` ``&`` ``&&``, or nothing)

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the `transaction_safe` specifier for  
the current include (``transaction_safe`` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - ``std::true_type`` or ``std::false_type``,  
tied on whether `BOOST_CLBL_TRTS_INCLUDE_TRANSACTION_SAFE` is ``transaction_safe``

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - ``transaction_safe`` when  
`BOOST_CLBL_TRTS_ENABLE_TRANSACTION_SAFE` is defined, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the `noexcept` specifier for  
the current include (``noexcept`` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - ``std::true_type`` or ``std::false_type``,

tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

```
BOOST_CLBL_TRTS_NOEXCEPT_SPECIFIER - `noexcept` if
  BOOST_CLBL_TRTS_ENABLE_NOEXCEPT_TYPES is defined, otherwise nothing
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/detail/unguarded/pmf_4.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::Applicative`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/applicative.hpp
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```

```
/*=====
```

```
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```

```
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```

```
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```

```
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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval_result_of_30.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval_result_of_10.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem_fun_ptr_eval_result_of.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval_result_of_40.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval_result_of_50.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem_fun_ptr_eval_result_of_20.hpp
```

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```
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+-----+
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http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/type_traits/absorbs_identities.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/detail/interval_map_algo.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/detail/interval_set_algo.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/type_traits/unit_element.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/external/compute/compute_algebra.hpp
```

```
[begin_description]
An algebra for Boost.Compute vectors.
[end_description]
```

```
Copyright 2009-2011 Karsten Ahnert
Copyright 2009-2011 Mario Mulansky
```

```
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copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute_algebra.hpp
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```

```
/*!
@file
Forward declares `boost::hana::append`.
```

```
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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/append.hpp

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/\*!

@file

Defines `boost::hana::Metafunction`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/metafunction.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/with\_error.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/vector.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_concept.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/reference\_accumulator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/min.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/variates/covariate.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/external\_accumulator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/sum.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/depends\_on.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/count.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/accumulators/numeric/functional/valarray.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/error\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/sample.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/droppable\_accumulator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional/complex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/error\_of\_mean.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/accumulators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/moment.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_base.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/parameters/quantile\_probability.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulator\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/accumulator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/weights.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/extractor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/external.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/accumulators\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/functional\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/max.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/parameters/weight.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/stats.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/features.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/mean.hpp

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/queue_base.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/queue_op_status.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/parallel/v1/inline_namespace.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/queue_adaptor.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/deque_adaptor.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/task_region.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/parallel/v1/exception_list.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/deque_views.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/exception_list.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/config/inline_namespace.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/experimental/parallel/v2/inline_namespace.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/deque_base.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/thread/concurrent_queues/queue_views.hpp
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```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/compiler/intel.h
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001-2014 Joel de Guzman
Copyright (c) 2013 Agustin Berge
```

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/parser.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/sfinae.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/Phoenix/stl.hpp

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/\* boost random/sobol.hpp header file

\*

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/sobol.hpp

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/\*!

@file

Forward declares `boost::hana::Sequence`.

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\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/sequence.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/integrate/observer_collection.hpp
```

```
[begin_description]
```

Collection of observers, which are all called during the evolution of the ODE.

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/observer_collection.hpp
```

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```
/*-----+
```

```
Copyright (c) 2007-2010: Joachim Faulhaber
```

```
+-----+
```

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```
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/std_set.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/map_algo.hpp
```

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```
/* boost random/cauchy_distribution.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

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```

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```

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* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

\*  
\* \$Id\$  
\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/cauchy\_distribution.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_mingw.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/allocator\_access.hpp  
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/\*  
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\*  
\* This header is deprecated, use boost/winapi/shell.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/shell.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Forward declares `boost::hana::suffix`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/suffix.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/fusion/at.hpp

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/\* Boost interval/detail/bcc\_rounding\_control.hpp file

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/bcc\_rounding\_control.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/scoped\_enum\_emulation.hpp

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@file

Forward declares `boost::hana::zip\_shortest`.

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zip/1.75.0/include/boost/hana/fwd/zip\_shortest.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_bounded\_array.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_unbounded\_array.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/detail/extract\_int.hpp

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```
/*  
[auto_generated]  
boost/numeric/odeint/integrate/integrate_const.hpp
```

```
[begin_description]  
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.  
The routines makes full use of adaptive and dense-output methods.  
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_const.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/integrate/detail/integrate_n_steps.hpp
```

```
[begin_description]  
integrate steps implementation  
[end_description]
```

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_n\_steps.hpp  
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```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/cmath.hpp

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@file

Forward declares `boost::hana::duplicate`.

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zip/1.75.0/include/boost/container/detail/mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/serialization/singleton.hpp

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Defines `boost::hana::at` and `boost::hana::at\_c`.

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zip/1.75.0/include/boost/hana/at.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_map.hpp

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Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the preprocessor iterator

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_trivially\_copyable.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_trivially\_default\_constructible.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_operations\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_iec559.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/addressof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/integral\_conversions.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_floating\_point.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_operations\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/bitwise\_fp\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_operations.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_ops\_emulated.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/string\_ops.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_ops\_generic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_operations.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_emulated.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/float\_sizes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fp\_ops\_emulated.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_fp\_ops\_generic.hpp

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@file

Forward declares `boost::hana::and\_`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/and.hpp

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zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_arm.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/gcc\_arm\_asm\_common.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/v2\_eval.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/preprocessor/round.hpp

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@file

Defines `boost::hana::flip`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/flip.hpp

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@file

Defines `boost::hana::scan\_right`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/scan\_right.hpp

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Forward declares `boost::hana::Functor`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/concept/functor.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/has\_member\_qualifiers.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/apply\_member\_pointer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_member\_volatile.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_varargs.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/add\_member\_const.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_const\_member.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/function.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_invocable.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/utility.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_cv\_member.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/remove\_member\_volatile.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_cv.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/class\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/apply\_return.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/function\_object.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/pmd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/pmf.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/args.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_reference.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_lvalue\_reference\_member.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/has\_varargs.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/has\_void\_return.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_member\_const.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/function\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/set\_function\_qualifiers.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/storage\_traits.hpp

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```
/**
 * -*- c++ -*-
 *
 * \file end.hpp
 *
 * \brief The \c end operation.
 *
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 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/end.hpp
```

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```
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```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt_base.hpp
```

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```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/spirit/home/classic/core/parser.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored\_rule.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/match.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/rule\_alias.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/actions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/composite.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/rule.hpp  
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/\*!

@file

Defines `boost::hana::symmetric\_difference`.

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zip/1.75.0/include/boost/hana/symmetric\_difference.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/not.hpp

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[auto\_generated]

boost/numeric/odeint/external/compute/compute.hpp

[begin\_description]  
includes all headers required for using odeint with Boost.Compute  
[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute.hpp  
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/\*!  
@file  
Forward declares `boost::hana::reverse`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/reverse.hpp  
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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/winapi/wait.hpp  
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/\* Boost interval/arith.hpp template implementation file  
\*  
\* Copyright 2000 Jens Maurer  
\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/arith.hpp  
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/\*!  
@file  
Defines arithmetic operators.

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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/arithmetic.hpp  
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@file  
Defines `boost::hana::duplicate`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/duplicate.hpp  
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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/sequence_base.hpp
```

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* http://www.boost.org/LICENSE_1_0.txt)  
*  
* See http://www.boost.org/libs/multi_index for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/seq_index_node.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/mem_fun.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/detail/is_function.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi_index/key.hpp
```

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*  
* See Boost website at http://www.boost.org/  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/allocator_utilities.hpp
```

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```
/* boost random/detail/uniform_int_float.hpp header file  
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* Copyright Jens Maurer 2000-2001  
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* http://www.boost.org/LICENSE_1_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*/
```

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/uniform\_int\_float.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_base\_map.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/split\_interval\_map.hpp

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@file

Forward declares `boost::hana::or`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less\_equal.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/greater\_equal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/not\_equal\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/equal\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/detail/less.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/as\_fusion\_element.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Documents the `BOOST\_HANA\_ADAPT\_ADT` macro.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/adapt\_adt.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/text\_ipc\_message\_queue\_backend.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::remove\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_if.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2014 Paul Fultz II
result.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/result.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::prepend`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/prepend.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* (See accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* Copyright (c) 2009 Helge Bahmann
```

```
* Copyright (c) 2012 Tim Blechmann
```

```
* Copyright (c) 2013 - 2018, 2020 Andrey Semashev
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/bitwise\_cast.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright Andrey Semashev 2007 - 2014.
```

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\* (See accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/null\_deleter.hpp

No license file was found, but licenses were detected in source scan.

/\* Type sugar for success and failure

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (25 commits)

File Created: July 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/success\_failure.hpp

No license file was found, but licenses were detected in source scan.

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* See <http://www.boost.org/libs/flyweight> for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/assoc\_container\_factory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/serialize.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/flyweight\_fwd.hpp

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/\*!

@file

Forward declares `boost::hana::ordering`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/ordering.hpp

No license file was found, but licenses were detected in source scan.

/\*

=====  
Copyright (c) 2010-2011 Bryce Lelbach

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/is\_sorted.hpp

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/\* boost random/laplace\_distribution.hpp header file

\*/

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

\* See <http://www.boost.org> for most recent version including documentation.

```
*
* $Id$
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/laplace_distribution.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Forward declares `boost::hana::ap`.

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/ap.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* See http://www.boost.org/LICENSE\_1\_0.txt
```

```
*
```

```
* This header is deprecated, use boost/winapi/semaphore.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/semaphore.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman
```

```
Copyright (c) 2007 Dan Marsden
```

```
Copyright (c) 2009 Christopher Schmidt
```

```
Copyright (c) 2018 Kohei Takahashi
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/fusion/algorithm/query/detail/find\_if.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2014 Paul Fultz II
pp.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/pp.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Copyright 2003-2014 Joaquin M Lopez Munoz.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/multi_index for library home page.
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/is\_transparent.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/cons\_stdtuple.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::front`.

@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/front.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_adaptive.hpp

[begin_description]
```

Adaptive integration of ODEs.

[end\_description]

Copyright 2009-2011 Karsten Ahnert

Copyright 2009-2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_adaptive.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/rotating\_buffer.hpp

[begin\_description]

Implementation of a rotating (cyclic) buffer for use in the Adam Bashforth stepper

[end\_description]

Copyright 2011 Karsten Ahnert

Copyright 2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/rotating\_buffer.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::make`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/core/make.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2007-2011 Hartmut Kaiser
Copyright (c) Christopher Diggins 2005
Copyright (c) Pablo Aguilar 2005
Copyright (c) Kevlin Henney 2001

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

The class boost::spirit::hold_any is built based on the any class
published here: http://www.codeproject.com/cpp/dynamic_typing.asp. It adds
support for std streaming operator<<() and operator>>().
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/detail/hold_any.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::take_front` and `boost::hana::take_front_c`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/take_front.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2003 Martin Wille
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/utility/scoped_lock.hpp
```

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/is\_acceptable\_turn.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/max\_interval\_gap.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/segment\_to\_segment.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/concatenate\_iterator.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/pointlike.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/line\_interpolate.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/inconsistent\_turns\_exception.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/overlay/pointlike\_linear.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/boundary\_view/implementation.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/iterator\_selector.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/point\_order.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area\_result.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/util/promote\_integral.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/envelope/spherical.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/area/geographic.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/validity\_failure\_type.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/num\_distinct\_consecutive\_points.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/envelope.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/point\_order.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_simple/implementation.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/geometry/algorithms/detail/check\_iterator\_range.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/disjoint/multirange\_geometry.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/polygon.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/detail/segment\_iterator/iterator\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/geographic/line\_interpolate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical/point\_order.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/spherical.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/io.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/geometries/helper\_geometry.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/linear.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/has\_spikes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/comparable\_distance\_result.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/envelope/services.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/expand/services.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/views/detail/two\_dimensional\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/turns/debug\_turn.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/expand/spherical.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/area.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/is\_valid/debug\_validity\_phase.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/dispatch/segment\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/point\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/range\_to\_geometry\_rtree.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/line\_interpolate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/strategies/cartesian/expand\_box.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/iterators/segment\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/distance/linear\_to\_box.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/is\_empty.hpp

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/deque/detail/build\_deque.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/map\_index.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/build\_deque.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/end\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/begin\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/build\_map.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/map\_impl.hpp

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lift.h

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# *
# ***** */
```

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/library.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/seq.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/tuple/to\_seq.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_64.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_128.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/limits/to\_seq\_256.hpp  
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```
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/if.hpp  
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```
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=====*/
```

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zip/1.75.0/include/boost/phoenix/core/argument.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/argument.hpp  
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```
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```

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs.hpp

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Defines several `constexpr` algorithms.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/function/detail/cpp03/preprocessed/function\_operator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct\_eval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/catch\_push\_back.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try\_catch\_eval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/dynamic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/call.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor\_operator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/switch.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/new\_eval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/actor\_result\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/expression.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/cpp03/preprocessed/construct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/detail/preprocessed/try\_catch\_expression.hpp

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\*

\* This header is deprecated, use boost/winapi/condition\_variable.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/condition\_variable.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/detail/extension.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt_base.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/external/eigen/eigen_resize.hpp
```

```
[begin_description]
tba.
[end_description]
```

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\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen_resize.hpp
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```

```
/*
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(glenjofe@gmail.com)
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/is_scoped_enum.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/is_unscoped_enum.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/conjunction.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/negation.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/is_trivially_copyable.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type_traits/disjunction.hpp
```

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```
/*=====
```

```
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```

```
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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/version.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/version.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/version.hpp
```

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```
/*-----+
```

```
Author: Joachim Faulhaber  
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```

```
+-----+
```

```
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```

```
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/relation_state.hpp
```

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```

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zip/1.75.0/include/boost/atomic/detail/extra\_ops\_msvc\_arm.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_function.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/make\_unsigned.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_signed.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_operations.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/conditional.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/make\_signed.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_msvc\_x86.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/integral\_constant.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/type\_traits/is\_integral.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_const.hpp

[begin\_description]

integrate const implementation

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_const.hpp  
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```

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zip/1.75.0/include/boost/fusion/container/vector/detail/value\_at\_impl.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/stepper/base/algebra_stepper_base.hpp
```

```
[begin_description]
Base class for all steppers with an algebra and operations.
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/algebra\_stepper\_base.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/stepper/runge_kutta_fehlberg87.hpp
```

```
[begin_description]
Implementation of the Runge-Kutta-Fehlberg stepper with the generic stepper.
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_fehlberg78.hpp

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/\* boost random/fisher\_f\_distribution.hpp header file

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/fisher\_f\_distribution.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/itos.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/constexpr.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com  
\*  
\* Defines the preprocessor symbol BOOST\_IOSTREAMS\_HAS\_DINKUMWARE\_FPOS for  
\* platforms that use the implementation of std::fpos from the Dinkumware  
\* Standard Library.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/config/fpos.hpp

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/\* boost random/uniform\_real.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-04-08 added min<max assertion (N. Becker)

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/no\_case.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta4.hpp

[begin\_description]

Implementation of the classical Runge-Kutta stepper with the generic stepper.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta4.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/min\_max.hpp

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\*

\* This header is deprecated, use boost/winapi/character\_code\_conversion.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/character\_code\_conversion.hpp

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@file

Defines `boost::hana::fill`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fill.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

[begin\_description]

Default Integrate adaptive implementation.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_adaptive.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/utility/string\_literal.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/detail/attachable\_sstream\_buf.hpp

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/\*!

@file

Forward declares `boost::hana::intersperse`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/intersperse.hpp

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\*

\* This header is deprecated, use boost/winapi/heap\_memory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/heap\_memory.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/poly\_shared\_lockable.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/lockable\_adapter.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/null\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/poly\_shared\_lockable\_adapter.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/poly\_lockable\_adapter.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/poly\_lockable.hpp

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zip/1.75.0/include/boost/move/detail/pointer\_element.hpp

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Forward declares `boost::hana::one`.

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zip/1.75.0/include/boost/hana/fwd/one.hpp  
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/\*!  
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Defines `boost::hana::detail::variadic::at`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/at.hpp  
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+-----\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_increasing.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/concept/interval\_associator\_base.hpp  
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=====\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/preprocessed/vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected\_exact.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detail/detector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detected.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detected\_or.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/is\_detected\_convertible.hpp

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@file

Defines `boost::hana::negate`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/negate.hpp

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/\*!

@file

Defines `boost::hana::detail::any\_of`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/algorithm/iteration/for\_each\_fwd.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_struct.hpp

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```
/**
 * -*- c++ -*-
 *
 * \file num_rows.hpp
 *
 * \brief The \c num_rows operation.
 *
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 *
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 * http://www.boost.org/LICENSE_1_0.txt)
 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/num_rows.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/handles_container.hpp
```

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```
/*!
 @file
 Forward declares `boost::hana::span`.

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 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/span.hpp
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/binary\_search.hpp

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@file

Defines macros to perform different kinds of assertions.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/assert.hpp

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\* NOTE: internalized from Boost.MultiIndex

\*

\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/detail/scope_guard.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::Functor`.
```

```
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```

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```

```
*/
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/functor.hpp
```

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```
/*=====
```

```
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```

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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/uint.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric_utils/extract_int.hpp
```

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```
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```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/offset_ptr.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/list.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/workaround.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/exceptions.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/deque.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/string.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/interprocess/detail/win32_api.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/flat_tree.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/vector.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/tree.hpp
```

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```
/*!
```

```
@file
```

Defines logical operators.

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/operators/logical.hpp
```

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```
/*-----+
```

Copyright (c) 2009-2009: Joachim Faulhaber

```
+-----+
```

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```
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/iterator.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/detail/mapped_reference.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/detail/element_iterator.hpp
```

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```
/* boost nondet_random.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000
```

```
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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* $Id$
```

\*  
\* Revision history  
\* 2000-02-18 Portability fixes (thanks to Beman Dawes)  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/nondet\_random.hpp

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/\*!

@file

Forward declares `boost::hana::pair`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/pair.hpp

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// This also contains public domain code from MurmurHash. From the

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container\_hash/hash.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/ipc/reliable\_message\_queue.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_resize.hpp

[begin\_description]

Enable resizing for vexcl vector and multivector.

[end\_description]

Copyright 2012 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_resize.hpp

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/\*!

@file

Forward declares `boost::hana::remove`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove.hpp

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/\* Policies for result and outcome

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/outcome\_exception\_ptr\_rethrow.hpp  
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/\*!

@file

Defines `boost::hana::Sequence`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/sequence.hpp  
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/\*!

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Defines `boost::hana::prefix`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/prefix.hpp  
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/\*=====

=====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/lexeme.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/expect.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/directive/omit.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/call.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/not\_predicate.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/detail/parse\_into\_container.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/detail/alternative.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/difference.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/detail/sequence.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/sequence.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/and\_predicate.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/core/parse.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/operator/alternative.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/auxiliary/guard.hpp

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/\*

boost/numeric/odeint/stepper/detail/pid\_step\_adjuster.hpp

[begin\_description]

Implementation of the stepsize controller for the controlled adams bashforth moulton stepper.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/pid\_step\_adjuster.hpp

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```
/*=====
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unpack_sequence.hpp
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/unpack\_sequence.hpp

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/\* Pointer to a SG14 status\_code

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File Created: Sep 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_ptr.hpp  
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\*  
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\* Copyright (c) 2013 Tim Blechmann  
\* Copyright (c) 2014 Andrey Semashev  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_sparc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_sparc.hpp  
No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]  
boost/numeric/odeint/algebra/algebra\_dispatcher.hpp

[begin\_description]  
Algebra dispatcher to automatically chose suitable algebra.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/algebra\_dispatcher.hpp  
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/\*!

@file  
Defines `boost::hana::find\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/find\_if.hpp

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Defines `boost::hana::mult`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/mult.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/impl\_config.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/cxx17/reduce.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/transform_inclusive_scan.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/inclusive_scan.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/exclusive_scan.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/transform_reduce.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/transform_exclusive_scan.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx17/for_each_n.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::equal`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/equal.hpp
```

```
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/resizer.hpp
```

```
[begin_description]
```

```
Implementation of the resizers.
```

```
[end_description]
```

```
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```

```
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```

```
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```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/util/resizer.hpp
```

```
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```

```
/*-----+
Copyright (c) 2007-2009: Joachim Faulhaber
Copyright (c) 1999-2006: Cortex Software GmbH, Kantstrasse 57, Berlin
+-----+
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(See accompanying file LICENCE.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/split_interval_set.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/external/compute/compute_operations_dispatcher.hpp

[begin_description]
operations_dispatcher specialization for Boost.Compute
[end_description]
```

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\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute_operations_dispatcher.hpp
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```

```
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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_asym.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_0F1_bessel.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_1F1_addition_theorems_on_z.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/variant/multivisitors.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/math/special_functions/detail/hypergeometric_separated_series.hpp
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_pFq.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_cpp14\_based.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_scaled\_series.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/cstdint.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/intel\_intrinsics.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_1F1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/tools/atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_by\_ratios.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_series.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_2F0.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_preprocessor\_based.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/bernoulli.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_1F0.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_pade.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_large\_a.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_large\_abz.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/detail/multivisitors\_cpp11\_based.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/polygamma.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_cf.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_bessel.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/unchecked\_bernoulli.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_cf.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_recurrence.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/polymorphic\_pointer\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_negative\_b\_regions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/bessel\_iterators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/bernoulli\_details.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_rational.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/hypergeometric\_0F1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_1F1\_small\_a\_negative\_b\_by\_ratio.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/conversion/detail/old\_numeric\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/detail/hypergeometric\_pFq\_checked\_series.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/special\_functions/polygamma.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/polymorphic\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/cast.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/swap.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/noncopyable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/explicit\_operator\_bool.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/no\_exceptions\_support.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/lightweight\_test.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/addressof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/utility/swap.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/checked\_delete.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/utility/enable\_if.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/ref.hpp

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```
/*=====
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if_h
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/if.hpp

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Applicative`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/concept/applicative.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::greater`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/greater.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/pack.hpp

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/\*!

@file

Forward declares `boost::hana::find\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/find\_if.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/winapi/crypt.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/detail/expectation\_failure.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/multiprecision/eigen.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_variable\_precision.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/complex128.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/precision.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_complex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/mpc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/complex\_adaptor.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp

[begin\_description]

Coefficients for the Adams Moulton method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_coefficients.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/robust\_emulation.hpp

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Thanks to Nevin for his comments/help.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/hex.hpp

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/\*!

@file

Forward declares `boost::hana::prefix`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/prefix.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/norm\_result\_type.hpp

[begin\_description]

Calculates the type of the norm\_inf operation for container types

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/norm\_result\_type.hpp

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/\* boost random/non\_central\_chi\_squared\_distribution.hpp header file

\*

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\*

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```
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/non_central_chi_squared_distribution.hpp
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```

```
/*!
@file
Forward declares `boost::hana::monadic_fold_left`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/monadic_fold_left.hpp
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```

```
/*!
@file
Defines `boost::hana::remove`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/remove.hpp
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```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/identity.hpp

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```
/*=====
A Standard compliant C++ preprocessor

http://www.boost.org/

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Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_gen.hpp

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```
/* Configure Boost.Outcome with Boost
(C) 2015-2020 Niall Douglas <http://www.nedproductions.biz/> (7 commits)
File Created: August 2015
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/config.hpp

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/\*!

@file

Defines `boost::hana::not\_equal`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/not\_equal.hpp

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=====  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/container/detail/container.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/detail/norm\_inf.hpp

[begin\_description]

Default reduce implementation.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/norm\_inf.hpp

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/\*!

@file

Defines the `BOOST\_HANA\_ADAPT\_ADT` macro.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/adapt\_adt.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/repetitive\_view\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/value\_at\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/repetitive\_view/detail/value\_of\_impl.hpp

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
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```

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```
/* Value observers for a very simple basic_result type  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (2 commits)  
File Created: Oct 2017
```

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
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```

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```
/* A less simple result type  
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (17 commits)  
File Created: Apr 2018
```

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 */
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zip/1.75.0/include/boost/multi_index/detail/ignore_wstrict_aliasing.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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```

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@file

Forward declares `boost::hana::any`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/functional.hpp

\* Date: Sun Dec 09 05:38:03 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\* Defines several function objects and object generators for use with

\* execute\_all()

\*/

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Defines `boost::hana::extract`.

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/\* boost random/uniform\_int.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-04-08 added min<max assertion (N. Becker)

\* 2001-02-18 moved to individual header files

\*/

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Adaptable closures

Phoenix V0.9

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@file

Defines `boost::hana::union`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/union.hpp

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/\*!

@file

Defines `boost::hana::detail::type\_at`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/detail/type\_at.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/core/detail/function\_eval.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/any.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rend.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/env.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/proto/transform/detail/preprocessed/pack\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/begin.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/rbegin.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/empty.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p\_square\_cumulative\_distribution.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/std/iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/expand\_pack.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/end.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/functional/range/size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_p\_square\_cumulative\_distribution.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/expand\_pack.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/pack\_impl.hpp  
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```
/*=====
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   proj.h
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   =====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/proj.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_moment.hpp  
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```
/*!
```

@file  
Defines `boost::hana::less`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/less.hpp  
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/\*!  
@file  
Forward declares `boost::hana::string`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/string.hpp  
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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/container/slist.hpp  
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/\*=====

BOOST\_PP\_VARIADICS version of BOOST\_PP\_IS\_SEQ inspired from  
boost/mpl/aux\_/preprocessor/is\_seq.hpp, original copyrights goes to :

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=====\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/adapted/struct/detail/preprocessor/is\_seq.hpp

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/\*!

@file

Forward declares `boost::hana::second`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/second.hpp

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zip/1.75.0/include/boost/crc.hpp

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/\* Boost interval/compare/lexicographic.hpp template implementation file

\*

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\*

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/compare/lexicographic.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/sinks/auto\_newline\_mode.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/auto\_newline.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/log/keywords/auto_newline_mode.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/log/utility/manipulators/auto_newline.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::foldr1`.
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/variadic/foldr1.hpp
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```

```
/*=====
```

```
Boost.Wave: A Standard compliant C++ preprocessor library
```

```
Copyright (c) 2001 Daniel C. Nuffer
```

```
Copyright (c) 2001-2013 Hartmut Kaiser.
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
This is a lexer conforming to the Standard with a few exceptions.
So it does allow the '$' to be part of identifiers. If you need strict
Standards conforming behaviour, please include the lexer definition
provided in the file strict_cpp.re.
```

```
TODO:
```

```
    handle errors better.
```

```
=====*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/cpplexer/re2clex/cpp_re.inc
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```

```
/*=====
```

```
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```

```
move.h
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/move.hpp

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/\*!

@file

Defines operators for Searchables.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/searchable.hpp

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@file

Forward declares `boost::hana::value`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/value.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/waitable\_timer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/thread\_pool.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/winapi/tls.hpp

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```
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 * https://www.boost.org/LICENSE\_1\_0.txt)
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/uncaught_exceptions.hpp
```

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```
/*
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 *
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 *
 * This header is deprecated, use boost/winapi/error_handling.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/error_handling.hpp
```

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```
/*
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 *
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 *
 * This header is deprecated, use boost/winapi/get_current_thread_id.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/get_current_thread_id.hpp
```

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```
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 */
```

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/character\_code\_conversion.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/access\_rights.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/page\_protection\_flags.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/limits.hpp

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zip/1.75.0/include/boost/winapi/dbghelp.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/copy.hpp

[begin\_description]

Copy abstraction for the usage in the steppers.

[end\_description]

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Copyright 2011-2012 Mario Mulansky

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\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/copy.hpp

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/\*!

@file

Defines `boost::hana::detail::array`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/array.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/bsd.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/net.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/dragonfly.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/free.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/bsd/open.h

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/recursive\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/recursive\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_recursive\_mutex.hpp

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```
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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/any.hpp
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/is_wrapper.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/enable_if.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/unwrap_wrapper.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/wrapper_base.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/sfinae.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/value_arg.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/unwrap_type_id.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/iterator_adaptors.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/wrapper.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/indirect_traits.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/override.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::if_`.
```

```
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```

```
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/if.hpp
```

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```
/*-----+
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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/set.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/map.hpp
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```

```
/**
 * -*- c++ -*-
 *
 * \file begin.hpp
 *
 * \brief The \c begin operation.
 *
 * Copyright (c) 2009, Marco Guazzone
 *
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 *
 * \author Marco Guazzone, marco.guazzone@gmail.com
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/operation/begin.hpp
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```

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/detail/polyfills/make_index_sequence.hpp
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```

/\*!

@file

Forward declares `boost::hana::Product`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/product.hpp

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/\* boost random/faure.hpp header file

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/faure.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/fold.hpp

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[auto\_generated]

boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

[begin\_description]

Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_n\_steps.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/chacha.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/access.hpp

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zip/1.75.0/include/boost/xpressive/detail/core/matcher/assert\_bos\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/xpressive/detail/core/matcher/lookahead\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/proto/matches.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/xpressive\_static.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/proto/detail/preprocessed/matches\_.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/xpressive/detail/core/matcher/charset\_matcher.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/mark\_begin\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/xpressive\_dynamic.hpp  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/proto/proto\_typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/proto.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/detail/ignore\_unused.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/xpressive/sub\_match.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/transform/make.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/xpressive/detail/utility/literals.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/detail/preprocessed/memfun\_funop.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/detail/funop.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/transform.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/make\_expr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/expr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/proto/transform/detail/lazy.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/xpressive/detail/dynamic/dynamic.hpp  
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zip/1.75.0/include/boost/xpressive/detail/core/matcher/logical\_newline\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/traits/c\_regex\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/boyer\_moore.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/hash\_peek\_bitset.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/chset/chset.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/call.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/matcher/keeper\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/never\_true.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/utility/tracking\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/unpack\_expr\_.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/peeker.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/detail/preprocessed/construct\_funop.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/detail/memfun\_funop.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/proto/transform/lazy.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/deprecated.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/detail/static/transmoglify.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/local.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/context/detail/preprocessed/null_eval.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/regex_algorithms.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/or_n.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/deep_copy.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/vararg_matches_impl.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/detail/utility/sequence_stack.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::detail::type_foldl1`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/type_foldl1.hpp
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```

```
/* boost random/detail/integer_log2.hpp header file
*
* Copyright Steven Watanabe 2011
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/integer\_log2.hpp

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```
/*=====
Copyright (c) 2001-2011 Hartmut Kaiser
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/construct.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::fold`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fold.hpp

No license file was found, but licenses were detected in source scan.

```
/* Boost interval/transc.hpp template implementation file
```

```
*/
```

```
* Copyright 2000 Jens Maurer
```

```
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
```

```
*/
```

```
* Distributed under the Boost Software License, Version 1.0.
```

```
* (See accompanying file LICENSE_1_0.txt or
```

```
* copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/transc.hpp

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE_1_0.txt
*
* This header is deprecated, use boost/winapi/get_thread_times.hpp instead.
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/get_thread_times.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/generation/make_controlled.hpp
```

```
[begin_description]
Factory function to simplify the creation of controlled steppers from error steppers.
[end_description]
```

```
Copyright 2011-2012 Karsten Ahnert
Copyright 2011-2012 Mario Mulansky
```

```
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copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/make_controlled.hpp
No license file was found, but licenses were detected in source scan.
```

```
// Permission is hereby granted, free of charge, to any person
// sell copies of the Software, and to permit persons to whom the
// The above copyright notice and this permission notice shall be
// included in all copies or substantial portions of the Software.
// Distributed under the Boost Software License, Version 1.0.
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/graph/boykov_kolmogorov_max_flow.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/graph/write_dimacs.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
```

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/cons\_fwd.hpp

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/\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/local\_memory.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_thread\_times.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/handles.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/security.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_process.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/critical\_section.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_last\_error.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/init\_once.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/timers.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/semaphore.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/thread.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/synchronization.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/apc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/condition\_variable.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/directory\_management.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/srw\_lock.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_thread\_id.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_thread.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/eigen/eigen\_algebra\_dispatcher.hpp

[begin\_description]  
tba.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen\_algebra\_dispatcher.hpp  
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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/segmented\_fold\_until.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/joint\_view\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segment\_sequence.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/reverse\_cons.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segments.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/size\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/segmented\_fold\_until.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/iter\_fold\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_equal\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_end.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_fold\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_next\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/iterator\_range/detail/segmented\_iterator\_range.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/distance\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_segmented.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/fold\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/segmented\_fold\_until\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/reverse\_iter\_fold\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/segmented\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/detail/segmented\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/detail/segmented\_begin\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/prior\_impl.hpp  
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/\*

@file

Defines `boost::hana::experimental::type\_name`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/experimental/type\_name.hpp

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```
/* *****  
# * *  
# * (C) Copyright Edward Diener 2015.  
# * Distributed under the Boost Software License, Version 1.0. (See  
# * accompanying file LICENSE_1_0.txt or copy at  
# * http://www.boost.org/LICENSE\_1\_0.txt)  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/is\_empty.hpp

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```
//  
// Copyright (c) 2017 James E. King III  
//  
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// https://www.boost.org/LICENSE\_1\_0.txt)  
//  
// getentropy() capable platforms  
//
```

```
#include <boost/config.hpp>  
#include <boost/throw_exception.hpp>  
#include <cerrno>  
#include <cstddef>  
#include <unistd.h>
```

```
namespace boost {  
namespace uuids {  
namespace detail {
```

```
class random_provider_base  
{
```

```

public:
    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        int res = getentropy(buf, siz);
        if (BOOST_UNLIKELY(-1 == res))
        {
            int err = errno;
            BOOST_THROW_EXCEPTION(entropy_error(err, "getentropy"));
        }
    }
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_getentropy.ipp
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```

```

/#!

```

```

@file

```

Includes all the adaptors for the Boost.MPL library.

```

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```

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```

*/

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/boost/mpl.hpp
No license file was found, but licenses were detected in source scan.

```

```

/#!

```

```

@file

```

Defines `boost::hana::Comparable``.

```

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```

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```

*/

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/comparable.hpp

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/\*

\* This RFC 1321 compatible MD5 implementation originated at:

\* <http://openwall.info/wiki/people/solar/software/public-domain-source-code/md5>

\*

\* Author:

\* Alexander Peslyak, better known as Solar Designer <solar at openwall.com>

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/md5.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/uuid\_generic.ipp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/io/ios\_state.hpp  
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@file

Defines `boost::hana::replicate`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/repository/include/qi\_nonterminal.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_rosenbrock4.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Rosenbrock4 method.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_rosenbrock4.hpp

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@file

Defines `boost::hana::MonadPlus`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/monad\_plus.hpp

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/\*

@file remove\_noexcept

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_noexcept.hpp

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/\* boost random/linear\_feedback\_shift.hpp header file

\*

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\*

\* \$Id\$

\*

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/linear\_feedback\_shift.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/pow10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/extract\_real.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/numeric\_utils/sign.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/optional\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/container\_traits.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_2.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_2.hpp

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/\* A very simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (2 commits)

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```
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zip/1.75.0/include/boost/atomic/fences.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/core_ops_gcc_sync.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_gcc_sync.hpp
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```

```
/* boost random/traits.hpp header file
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* These traits classes serve two purposes: they are designed to mostly
* work out of the box for multiprecision types (ie number types that are
* C++ class types and not integers or floats from type-traits point of view),
* they are also a potential point of specialization for user-defined
* number types.
*
* $Id$
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/traits.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/generation/generation_runge_kutta_fehlberg78.hpp
```

```
[begin_description]
Enable the factory functions for the controller and the dense output of the Runge-Kutta-Fehlberg 78 method.
[end_description]
```

```
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```

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*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation_runge_kutta_fehlberg78.hpp  
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```

```
/* Proposed SG14 status_code  
(C) 2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)  
File Created: Jan 2020
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/getaddrinfo_code.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::eval_if`.
```

```
@copyright Louis Dionne 2013-2017
```

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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/eval\_if.hpp

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zip/1.75.0/include/boost/thread/experimental/parallel/v2/task\_region.hpp

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/\*!

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zip/1.75.0/include/boost/hana/find.hpp

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Persistent application configuration

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/wave\_config\_constant.hpp

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```
/*!  
@file  
Forward declares `boost::hana::replace_if` .  
  
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/replace_if.hpp  
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```

```
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=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuple_helpers.hpp  
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```

```
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```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/version.hpp  
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```

```
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```

```
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp_dec_float.hpp  
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```

```
/*!  
@file  
Forward declares `boost::hana::cycle` .  
  
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```

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/cycle.hpp

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@file

Adapts `std::array` for use with Hana.

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zip/1.75.0/include/boost/hana/ext/std/array.hpp

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/\* boost random/detail/const\_mod.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/const\_mod.hpp

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Defines `boost::hana::zip`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/zip.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility/flush\_multi\_pass.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/support/config.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/util/multi_array_adaption.hpp
```

```
[begin_description]  
tba.  
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/multi\_array\_adaption.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/integrate/detail/integrate_const.hpp
```

```
[begin_description]  
integrate const implementation  
[end_description]
```

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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_const.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/fixed\_size\_queue.hpp  
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/\* boost random/taus88.hpp header file

\*

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\*

\* See <http://www.boost.org/libs/random> for documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/taus88.hpp  
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/\*!

@file

Defines `boost::hana::Struct`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/struct.hpp  
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@file

Defines a SFINAE-friendly version of `std::common\_type`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/std\_common\_type.hpp

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/\*!

@file

Forward declares `boost::hana::partition`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/partition.hpp

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/\* boost integer\_traits.hpp header file

\*

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\*

\* \$Id\$

\*

\* Idea by Beman Dawes, Ed Brey, Steve Cleary, and Nathan Myers

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer\_traits.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/detail/build\_cons.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/boost_tuple/detail/convert_impl.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/std_tuple/detail/convert_impl.hpp
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```

```
/*=====
Copyright (c) 2001-2003 Joel de Guzman
Copyright (c) 2002-2003 Hartmut Kaiser
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http://spirit.sourceforge.net/

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/debug/debug_node.hpp
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```

```
/* *****
# *
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# * Distributed under the Boost Software License, Version 1.0. (See
# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE_1_0.txt)
# *
# ***** */
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/list/to_seq.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::Monad`.

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/monad.hpp
```

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/is\_value.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/mapped\_region.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/mem\_algo/detail/simple\_seq\_fit\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_windows\_shared\_memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/segment\_manager\_helper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/iset\_index.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/shm/named\_semaphore.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/named\_semaphore.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/adaptive\_pool.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/segment\_manager.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/iunordered\_set\_index.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/creation\_tags.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/sharable\_lock.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/indexes/flat\_map\_index.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/condition\_algorithm\_8a.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/os\_file\_functions.hpp  
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zip/1.75.0/include/boost/interprocess/anonymous\_shared\_memory.hpp  
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zip/1.75.0/include/boost/interprocess/sync/spin/mutex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_condition.hpp  
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zip/1.75.0/include/boost/interprocess/interprocess\_fwd.hpp  
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zip/1.75.0/include/boost/interprocess/shared\_memory\_object.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/named\_proxy.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/map\_index.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/named\_condition\_any.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/null\_index.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/windows\_shared\_memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/posix\_time\_types\_wrk.hpp  
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zip/1.75.0/include/boost/interprocess/sync/upgradable\_lock.hpp  
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zip/1.75.0/include/boost/interprocess/detail/config\_end.hpp  
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zip/1.75.0/include/boost/interprocess/sync/posix/named\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/recursive\_mutex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/semaphore.hpp  
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zip/1.75.0/include/boost/interprocess/mem\_algo/simple\_seq\_fit.hpp  
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zip/1.75.0/include/boost/interprocess/allocators/node\_allocator.hpp  
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zip/1.75.0/include/boost/interprocess/errors.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/posix/semaphore\_wrapper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/mem\_algo/detail/mem\_algo\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/file\_mapping.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/cast\_tags.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/shm/named\_condition\_any.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/scoped\_lock.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/mutex\_family.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/named\_condition.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_heap\_memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/shm/named\_recursive\_mutex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/in\_place\_interface.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/sync/lock\_options.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/permissions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/allocator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/sync/posix/semaphore.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/interprocess/allocators/cached\_adaptive\_pool.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/indexes/unordered\_map\_index.hpp  
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```
/*  
[auto_generated]  
boost/numeric/odeint/util/detail/less_with_sign.hpp
```

```
[begin_description]  
Helper function to compare times taking into account the sign of dt  
[end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/detail/less\_with\_sign.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Include the default amount of outcome  
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (4 commits)  
File Created: Mar 2018
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome.hpp

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http://spirit.sourceforge.net/

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/core/composite/directives.hpp

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////////////////////////////////////\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/include/flatten.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/include/flatten\_view.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/utility/is\_callable.hpp

No license file was found, but licenses were detected in source scan.

/\*

\* Defines the class template boost::iostreams::detail::filter\_adapter,

\* a convenience base class for filter adapters.

\*

\* File: boost/iostreams/detail/adapter/filter\_adapter.hpp

\* Date: Mon Nov 26 14:35:48 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

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```
*
* Defines the type boost::iostreams::detail::file_handle, representing an
* operating system file handle.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/detail/file_handle.hpp
```

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```
/*=====
Copyright (c) 2015 Paul Fultz II
apply_eval.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/apply_eval.hpp
```

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```
/*
* Copyright 2017 Andrey Semashev
*
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* See http://www.boost.org/LICENSE_1_0.txt
*
* This header is deprecated, use boost/winapi/dbghelp.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/dbghelp.hpp
```

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```
/*!
@file
Defines `boost::hana::zero`.

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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0/zip/1.75.0/include/boost/hana/zero.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54\_classic.hpp

[begin\_description]

Classical implementation of the Runge-Kutta Cash-Karp 5(4) method.

[end\_description]

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Copyright 2010-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54\_classic.hpp

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/\* Sets Outcome version

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/version.hpp

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//

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//

// Official repository: <https://github.com/boostorg/beast>

//

```
#include <boost/beast/_experimental/unit_test/amount.hpp>
#include <boost/beast/_experimental/unit_test/dstream.hpp>
#include <boost/beast/_experimental/unit_test/global_suites.hpp>
#include <boost/beast/_experimental/unit_test/match.hpp>
#include <boost/beast/_experimental/unit_test/reporter.hpp>
#include <boost/beast/_experimental/unit_test/suite.hpp>
#include <boost/config.hpp>
#include <cstdlib>
#include <iostream>
#include <vector>
```

```
#ifdef BOOST_MSVC
# ifndef WIN32_LEAN_AND_MEAN // VC_EXTRALEAN
# define WIN32_LEAN_AND_MEAN
# include <windows.h>
# undef WIN32_LEAN_AND_MEAN
# else
# include <windows.h>
# endif
#endif
```

// Simple main used to produce stand

// alone executables that run unit tests.

```
int main(int ac, char const* av[])
```

```
{
```

```
    using namespace std;
```

```
    using namespace boost::beast::unit_test;
```

```
    dstream log(std::cerr);
```

```

std::unitbuf(log);

#ifdef BOOST_MSVC
{
    int flags = _CrtSetDbgFlag(_CRTDBG_REPORT_FLAG);
    flags |= _CRTDBG_LEAK_CHECK_DF;
    _CrtSetDbgFlag(flags);
}
#endif

if(ac == 2)
{
    std::string const s{av[1]};
    if(s == "-h" || s == "--help")
    {
        log <<
            "Usage:\n"
            " " << av[0] << ": { <suite-name>... }" <<
            std::endl;
        return EXIT_SUCCESS;
    }
}

reporter r(log);
bool failed;
if(ac > 1)
{
    std::vector<selector> v;
    v.reserve(ac - 1);
    for(int i = 1; i < ac; ++i)
        v.emplace_back(selector::automatch, av[i]);
    auto pred =
        [&v](suite_info const& si) mutable
        {
            for(auto& p : v)
                if(p(si))
                    return true;
            return false;
        };
    failed = r.run_each_if(global_suites(), pred);
}
else
{
    failed = r.run_each(global_suites());
}
if(failed)
    return EXIT_FAILURE;
return EXIT_SUCCESS;

```

}

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/\_experimental/unit\_test/main.ipp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/allocate\_shared\_array.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/make\_shared\_array.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/make\_unique.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/stepper\_categories.hpp

[begin\_description]

Definition of all stepper categories.

[end\_description]

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Copyright 2010-2012 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/stepper\_categories.hpp

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/\*!

@file

Adapts `boost::mpl::list` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/mpl/list.hpp

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\*

\* This header is deprecated, use boost/winapi/page\_protection\_flags.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/page\_protection\_flags.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/is\_sequence\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/begin\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/is\_view\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/category\_of\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/tag\_of.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/at\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/value\_at\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/adapted/array/end\_impl.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/uppercase_table.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/category_table.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/script_table.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/char_encoding/unicode/lowercase_table.hpp
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```

```
/*=====
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Copyright (c) 2003 Thomas Witt
Copyright (c) 2003 Hartmut Kaiser
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/iterator/file_iterator.hpp
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```

```
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* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/flyweight for library home page.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/flyweight/detail/pp\_perfect\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/refcounted.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/serialization\_helper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/perfect\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/hashed\_factory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/dyn\_perfect\_fwd.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/util/series\_expansion.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/formulas/karney\_inverse.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/formulas/karney\_direct.hpp  
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@file

Defines `boost::hana::Searchable`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/searchable.hpp  
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@file

Defines the @ref group-core module.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/core.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_euler.hpp

[begin\_description]

Implementation of the symplectic Euler for separable Hamiltonian systems.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_euler.hpp

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# \*

\*

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# \*

\*

# \*\*\*\*\* \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/limits/elem\_64.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/size.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/tuple/enum.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/limits/elem\_256.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_128.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/variadic.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/variadic/to\_list.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/enum.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_tuple.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_list.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/to\_array.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/enum.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/to\_seq.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_tuple.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_array.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/enum\_128.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/to\_seq.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_256.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/limits/size\_64.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive/kwd.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/adapt\_function.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/n\_step\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.

[end\_description]

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Phoenix V1.2.1

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zip/1.75.0/include/boost/spirit/home/classic/phoenix/new.hpp

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zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/common\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/scanner\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/debug/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/error\_handling/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/file\_iterator\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/stored\_rule\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/confix\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/multi\_pass\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/typeof.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/classic/symbols/symbols\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/escape\_char\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/symbols/typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/lists\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/ast\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/subrule\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/scanner/skipper\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/parse\_tree\_fwd.hpp  
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@file

Defines `boost::hana::reverse\_partial`.

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zip/1.75.0/include/boost/hana/functional/reverse\_partial.hpp

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@file

Defines `boost::hana::set`.

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```
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/generation/ignore.hpp  
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```
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# *
# ***** */
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/punctuation/is\_begin\_parens.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/punctuation/detail/is\_begin\_parens.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/facilities/detail/is\_empty.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/punctuation/remove\_parens.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/external/vexcl/vexcl_abs.hpp

[begin_description]
abs() specialization for vexcl
[end_description]
```

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[auto\_generated]

boost/numeric/odeint/iterator/times\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.

[end\_description]

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zip/1.75.0/include/boost/multiprecision/traits/transcendental\_reduction\_type.hpp

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function.h

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@file

Forward declares `boost::hana::all\_of`.

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/\*\*

\* -\*- c++ -\*-

\*

\* \file operations.hpp

\*

\* \brief This header includes several headers from the operation directory.

\*

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\*

\* \author Gunter Winkler (guwi17 at gmx dot de)

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zip/1.75.0/include/boost/numeric/ublas/operations.hpp

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[auto\_generated]

/boost/numeric/odeint/external/mtl4/mtl4.hpp

[begin\_description]

includes all headers required for using mtl4 with odeint

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4.hpp

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[auto\_generated]

boost/numeric/odeint/integrate/max\_step\_checker.hpp

[begin\_description]

Throws exception if too many steps are performed.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/max\_step\_checker.hpp

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placeholders.h

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the function boost::iostreams::detail::absolute\_path, used for

\* debug output for mapped files.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/is\_sequence\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/size\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/adapted/std\_array/std\_array\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/is\_view\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/thread/concurrent\_queues/detail/sync\_deque\_base.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/detail/sync\_queue\_base.hpp  
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zip/1.75.0/include/boost/histogram/accumulators/mean.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/sum.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/weighted\_sum.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/accumulators/weighted\_mean.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/predef/compiler/watcom.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/parisc.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/ekopath.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/aix.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/metrowerks.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/gcc.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/pgi.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/sunpro.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/borland.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/msl.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/mips.h  
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zip/1.75.0/include/boost/predef/compiler/visualc.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/solaris.h  
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zip/1.75.0/include/boost/predef/architecture/m68k.h  
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zip/1.75.0/include/boost/predef/os/cygwin.h  
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zip/1.75.0/include/boost/predef/architecture/x86.h  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/mingw32.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/library/std/libcomo.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/compiler/compaq.h

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/impl/static.hpp

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[auto\_generated]

boost/numeric/odeint/util/n\_ary\_helper.hpp

Macros to generate scale\_sumN and for\_eachN functors.

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zip/1.75.0/include/boost/numeric/odeint/util/n\_ary\_helper.hpp

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zip/1.75.0/include/boost/predef/architecture/arm.h

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@file

Forward declares `boost::hana::extract`.

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zip/1.75.0/include/boost/spirit/home/qi/directive/as.hpp  
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/\*!  
@file  
Forward declares `boost::hana::difference`.

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zip/1.75.0/include/boost/hana/fwd/difference.hpp  
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zip/1.75.0/include/boost/spirit/repository/include/qi\_keywords.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_kwd.hpp

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/\* Exception observers for outcome type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Oct 2017

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zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_exception\_observers\_impl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/rosenbrock4.hpp

[begin\_description]

Implementation of the Rosenbrock 4 method for solving stiff ODEs. Note, that a

controller and a dense-output stepper exist for this method,  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4.hpp

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@file

Forward declares `boost::hana::zero`.

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zip/1.75.0/include/boost/hana/fwd/zero.hpp

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@file is\_noexcept

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_noexcept.hpp

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```
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zip/1.75.0/include/boost/log/utility/permissions.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::less_equal`.
```

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```
//
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```
// detail/impl/dev_poll_reactor.hpp
```

```
// ~~~~~
```

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```

```
#ifndef BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

```
#define BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
# pragma once
```

```
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
#include <boost/asio/detail/config.hpp>
```

```
#if defined(BOOST_ASIO_HAS_DEV_POLL)
```

```
#include <boost/asio/detail/dev_poll_reactor.hpp>
```

```
#include <boost/asio/detail/assert.hpp>
```

```
#include <boost/asio/detail/throw_error.hpp>
```

```

#include <boost/asio/error.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace detail {

dev_poll_reactor::dev_poll_reactor(boost::asio::execution_context& ctx)
: boost::asio::detail::execution_context_service_base<dev_poll_reactor>(ctx),
  scheduler_(use_service<scheduler>(ctx)),
  mutex_(),
  dev_poll_fd_(do_dev_poll_create()),
  interrupter_(),
  shutdown_(false)
{
  // Add the interrupter's descriptor to /dev/poll.
  ::pollfd ev = { 0, 0, 0 };
  ev.fd = interrupter_.read_descriptor();
  ev.events = POLLIN | POLLERR;
  ev.revents = 0;
  ::write(dev_poll_fd_, &ev, sizeof(ev));
}

dev_poll_reactor::~dev_poll_reactor()
{
  shutdown();
  ::close(dev_poll_fd_);
}

void dev_poll_reactor::shutdown()
{
  boost::asio::detail::mutex::scoped_lock lock(mutex_);
  shutdown_ = true;
  lock.unlock();

  op_queue<operation> ops;

  for (int i = 0; i < max_ops; ++i)
    op_queue_[i].get_all_operations(ops);

  timer_queues_.get_all_timers(ops);

  scheduler_.abandon_operations(ops);
}

void dev_poll_reactor::notify_fork(
  boost::asio::execution_context::fork_event fork_ev)

```

```

{
if (fork_ev == boost::asio::execution_context::fork_child)
{
detail::mutex::scoped_lock lock(mutex_);

if (dev_poll_fd_ != -1)
::close(dev_poll_fd_);
dev_poll_fd_ = -1;
dev_poll_fd_ = do_dev_poll_create();

interrupter_.recreate();

// Add the interrupter's descriptor to /dev/poll.
::pollfd ev = { 0, 0, 0 };
ev.fd = interrupter_.read_descriptor();
ev.events = POLLIN | POLLERR;
ev.revents = 0;
::write(dev_poll_fd_, &ev, sizeof(ev));

// Re-register all descriptors with /dev/poll. The changes will be written
// to the /dev/poll descriptor the next time the reactor is run.
for (int i = 0; i < max_ops; ++i)
{
reactor_op_queue<socket_type>::iterator iter = op_queue_[i].begin();
reactor_op_queue<socket_type>::iterator end = op_queue_[i].end();
for (; iter != end; ++iter)
{
::pollfd& pending_ev = add_pending_event_change(iter->first);
pending_ev.events |= POLLERR | POLLHUP;
switch (i)
{
case read_op: pending_ev.events |= POLLIN; break;
case write_op: pending_ev.events |= POLLOUT; break;
case except_op: pending_ev.events |= POLLPRI; break;
default: break;
}
}
}
interrupter_.interrupt();
}
}

void dev_poll_reactor::init_task()
{
scheduler_.init_task();
}

int dev_poll_reactor::register_descriptor(socket_type, per_descriptor_data&)

```

```

{
return 0;
}

int dev_poll_reactor::register_internal_descriptor(int op_type,
    socket_type descriptor, per_descriptor_data&, reactor_op* op)
{
boost::asio::detail::mutex::scoped_lock lock(mutex_);

op_queue_[op_type].enqueue_operation(descriptor, op);
::pollfd& ev = add_pending_event_change(descriptor);
ev.events = POLLERR | POLLHUP;
switch (op_type)
{
case read_op: ev.events |= POLLIN; break;
case write_op: ev.events |= POLLOUT; break;
case except_op: ev.events |= POLLPRI; break;
default: break;
}
interrupter_.interrupt();

return 0;
}

void dev_poll_reactor::move_descriptor(socket_type,
    dev_poll_reactor::per_descriptor_data&,
    dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::start_op(int op_type, socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&, reactor_op* op,
    bool is_continuation, bool allow_speculative)
{
boost::asio::detail::mutex::scoped_lock lock(mutex_);

if (shutdown_)
{
post_immediate_completion(op, is_continuation);
return;
}

if (allow_speculative)
{
if (op_type != read_op || !op_queue_[except_op].has_operation(descriptor))
{
if (!op_queue_[op_type].has_operation(descriptor))
{

```

```

    if (op->perform())
    {
        lock.unlock();
        scheduler_.post_immediate_completion(op, is_continuation);
        return;
    }
}
}

bool first = op_queue_[op_type].enqueue_operation(descriptor, op);
scheduler_.work_started();
if (first)
{
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLERR | POLLHUP;
    if (op_type == read_op
        || op_queue_[read_op].has_operation(descriptor))
        ev.events |= POLLIN;
    if (op_type == write_op
        || op_queue_[write_op].has_operation(descriptor))
        ev.events |= POLLOUT;
    if (op_type == except_op
        || op_queue_[except_op].has_operation(descriptor))
        ev.events |= POLLPRI;
    interrupter_.interrupt();
}
}

void dev_poll_reactor::cancel_ops(socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);
    cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

void dev_poll_reactor::deregister_descriptor(socket_type descriptor,
    dev_poll_reactor::per_descriptor_data&, bool)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll.
    ::pollfd& ev = add_pending_event_change(descriptor);
    ev.events = POLLREMOVE;
    interrupter_.interrupt();

    // Cancel any outstanding operations associated with the descriptor.
    cancel_ops_unlocked(descriptor, boost::asio::error::operation_aborted);
}

```

```

}

void dev_poll_reactor::deregister_internal_descriptor(
    socket_type descriptor, dev_poll_reactor::per_descriptor_data&)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Remove the descriptor from /dev/poll. Since this function is only called
    // during a fork, we can apply the change immediately.
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLREMOVE;
    ev.revents = 0;
    ::write(dev_poll_fd_, &ev, sizeof(ev));

    // Destroy all operations associated with the descriptor.
    op_queue<operation> ops;
    boost::system::error_code ec;
    for (int i = 0; i < max_ops; ++i)
        op_queue_[i].cancel_operations(descriptor, ops, ec);
}

void dev_poll_reactor::cleanup_descriptor_data(
    dev_poll_reactor::per_descriptor_data&)
{
}

void dev_poll_reactor::run(long usec, op_queue<operation>& ops)
{
    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // We can return immediately if there's no work to do and the reactor is
    // not supposed to block.
    if (usec == 0 && op_queue_[read_op].empty() && op_queue_[write_op].empty()
        && op_queue_[except_op].empty() && timer_queues_.all_empty())
        return;

    // Write the pending event registration changes to the /dev/poll descriptor.
    std::size_t events_size = sizeof(::pollfd) * pending_event_changes_.size();
    if (events_size > 0)
    {
        errno = 0;
        int result = ::write(dev_poll_fd_,
            &pending_event_changes_[0], events_size);
        if (result != static_cast<int>(events_size))
        {
            boost::system::error_code ec = boost::system::error_code(
                errno, boost::asio::error::get_system_category());

```

```

    for (std::size_t i = 0; i < pending_event_changes_.size(); ++i)
    {
        int descriptor = pending_event_changes_[i].fd;
        for (int j = 0; j < max_ops; ++j)
            op_queue_[j].cancel_operations(descriptor, ops, ec);
    }
}
pending_event_changes_.clear();
pending_event_change_index_.clear();
}

// Calculate timeout.
int timeout;
if (usec == 0)
    timeout = 0;
else
{
    timeout = (usec < 0) ? -1 : ((usec - 1) / 1000 + 1);
    timeout = get_timeout(timeout);
}
lock.unlock();

// Block on the /dev/poll descriptor.
::pollfd events[128] = { { 0, 0, 0 } };
::dvpoll dp = { 0, 0, 0 };
dp.dp_fds = events;
dp.dp_nfds = 128;
dp.dp_timeout = timeout;
int num_events = ::ioctl(dev_poll_fd_, DP_POLL, &dp);

lock.lock();

// Dispatch the waiting events.
for (int i = 0; i < num_events; ++i)
{
    int descriptor = events[i].fd;
    if (descriptor == interrupter_.read_descriptor())
    {
        interrupter_.reset();
    }
    else
    {
        bool more_reads = false;
        bool more_writes = false;
        bool more_except = false;

        // Exception operations must be processed first to ensure that any
        // out-of-band data is read before normal data.

```

```

if (events[i].events & (POLLPRI | POLLERR | POLLHUP))
    more_except =
        op_queue_[except_op].perform_operations(descriptor, ops);
else
    more_except = op_queue_[except_op].has_operation(descriptor);

if (events[i].events & (POLLIN | POLLERR | POLLHUP))
    more_reads = op_queue_[read_op].perform_operations(descriptor, ops);
else
    more_reads = op_queue_[read_op].has_operation(descriptor);

if (events[i].events & (POLLOUT | POLLERR | POLLHUP))
    more_writes = op_queue_[write_op].perform_operations(descriptor, ops);
else
    more_writes = op_queue_[write_op].has_operation(descriptor);

if ((events[i].events & (POLLERR | POLLHUP)) != 0
    && !more_except && !more_reads && !more_writes)
{
    // If we have an event and no operations associated with the
    // descriptor then we need to delete the descriptor from /dev/poll.
    // The poll operation can produce POLLHUP or POLLERR events when there
    // is no operation pending, so if we do not remove the descriptor we
    // can end up in a tight polling loop.
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLREMOVE;
    ev.revents = 0;
    ::write(dev_poll_fd_, &ev, sizeof(ev));
}
else
{
    ::pollfd ev = { 0, 0, 0 };
    ev.fd = descriptor;
    ev.events = POLLERR | POLLHUP;
    if (more_reads)
        ev.events |= POLLIN;
    if (more_writes)
        ev.events |= POLLOUT;
    if (more_except)
        ev.events |= POLLPRI;
    ev.revents = 0;
    int result = ::write(dev_poll_fd_, &ev, sizeof(ev));
    if (result != sizeof(ev))
    {
        boost::system::error_code ec(errno,
            boost::asio::error::get_system_category());
        for (int j = 0; j < max_ops; ++j)

```

```

        op_queue_[j].cancel_operations(descriptor, ops, ec);
    }
}
}
}
timer_queues_.get_ready_timers(ops);
}

void dev_poll_reactor::interrupt()
{
    interrupter_.interrupt();
}

int dev_poll_reactor::do_dev_poll_create()
{
    int fd = ::open("/dev/poll", O_RDWR);
    if (fd == -1)
    {
        boost::system::error_code ec(errno,
            boost::asio::error::get_system_category());
        boost::asio::detail::throw_error(ec, "/dev/poll");
    }
    return fd;
}

void dev_poll_reactor::do_add_timer_queue(timer_queue_base& queue)
{
    mutex::scoped_lock lock(mutex_);
    timer_queues_.insert(&queue);
}

void dev_poll_reactor::do_remove_timer_queue(timer_queue_base& queue)
{
    mutex::scoped_lock lock(mutex_);
    timer_queues_.erase(&queue);
}

int dev_poll_reactor::get_timeout(int msec)
{
    // By default we will wait no longer than 5 minutes. This will ensure that
    // any changes to the system clock are detected after no longer than this.
    const int max_msec = 5 * 60 * 1000;
    return timer_queues_.wait_duration_msec(
        (msec < 0 || max_msec < msec) ? max_msec : msec);
}

void dev_poll_reactor::cancel_ops_unlocked(socket_type descriptor,
    const boost::system::error_code& ec)

```

```

{
bool need_interrupt = false;
op_queue<operation> ops;
for (int i = 0; i < max_ops; ++i)
    need_interrupt = op_queue_[i].cancel_operations(
        descriptor, ops, ec) || need_interrupt;
scheduler_.post_deferred_completions(ops);
if (need_interrupt)
    interrupter_.interrupt();
}

::pollfd& dev_poll_reactor::add_pending_event_change(int descriptor)
{
hash_map<int, std::size_t>::iterator iter
    = pending_event_change_index_.find(descriptor);
if (iter == pending_event_change_index_.end())
{
std::size_t index = pending_event_changes_.size();
pending_event_changes_.reserve(pending_event_changes_.size() + 1);
pending_event_change_index_.insert(std::make_pair(descriptor, index));
pending_event_changes_.push_back(::pollfd());
pending_event_changes_[index].fd = descriptor;
pending_event_changes_[index].revents = 0;
return pending_event_changes_[index];
}
else
{
return pending_event_changes_[iter->second];
}
}

} // namespace detail
} // namespace asio
} // namespace boost

```

```
#include <boost/asio/detail/pop_options.hpp>
```

```
#endif // defined(BOOST_ASIO_HAS_DEV_POLL)
```

```
#endif // BOOST_ASIO_DETAIL_IMPL_DEV_POLL_REACTOR_IPP
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/detail/impl/dev_poll_reactor.ipp
```

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```
/*=====
```

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/\*

[auto\_generated]

boost/numeric/odeint/external/viennacl/viennacl\_resize.hpp

[begin\_description]

Enable resizing for viennacl vector.

[end\_description]

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/\*!

@file

Forward declares `boost::hana::if\_`.

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/\*!

@file

Defines `boost::hana::Group`.

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```
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```
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* Distributed under the Boost Software License, Version 1.0.
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org/libs/poly_collection for library home page.
*/
```

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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```
/*
* Copyright 2017 Andrey Semashev
*
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*
* This header is deprecated, use boost/winapi/overlapped.hpp instead.
*/
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/overlapped.hpp
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```
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reverse_fold.h
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=====*/
```

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zip/1.75.0/include/boost/python/detail/is\_xxx.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/detail/cast\_storage.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/si/illuminance.hpp

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zip/1.75.0/include/boost/graph/core\_numbers.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/win32/condition\_variable.hpp

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zip/1.75.0/include/boost/units/systems/si/power.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/si/kinematic\_viscosity.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/blank\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lexical\_cast/lexical\_cast\_old.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/property\_map/compose\_property\_map.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/grid\_graph.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/not\_specified.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/workaround.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/externally\_locked\_stream.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/homogeneous\_system.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/impl/text\_wiarchive\_impl.hpp

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zip/1.75.0/include/boost/python/converter/as\_to\_python\_function.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/mcgregor\_common\_subgraphs.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/stl\_interfaces/view\_interface.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iterator/iterator\_concepts.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lambda/core.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/to\_python\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/base\_units/us/hundredweight.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/bellman\_ford\_shortest\_paths.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lexical\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/cgs/io.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/safe\_numerics/automatic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/physical\_dimensions/mass.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/si/angular\_velocity.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/operators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/scaled\_base\_unit.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/detail/list\_base.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/extract.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/map\_entry.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/si/angular\_momentum.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/property\_map/transform\_value\_property\_map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lambda/switch.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/none.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/cgs/acceleration.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/variant/polymorphic\_get.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/si/length.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/python/object\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/systems/cgs/power.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/physical\_dimensions/surface\_tension.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/void\_return.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/physical\_dimensions/reluctance.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/caller.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/base\_units/us/cup.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/operators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/base\_units/metric/minute.hpp  
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zip/1.75.0/include/boost/safe\_numerics/safe\_integer.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/is\_kuratowski\_subgraph.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/core/ref.hpp

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zip/1.75.0/include/boost/python/detail/value\_is\_xxx.hpp  
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zip/1.75.0/include/boost/units/physical\_dimensions/force.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/win32/thread\_data.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/handle\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/python/converter/convertible\_function.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/pool/poolfwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bind/protect.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/units/conversion.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/thread/scoped\_thread.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/detail/d\_ary\_heap.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/lambda/detail/control\_constructs\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/exec.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/graph/boyer\_myrvold\_planar\_test.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/invoke.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/units/base\_units/astronomical/light\_second.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/long.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/units/base\_units/metric/nautical\_mile.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/bind/mem\_fn.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/units/systems/si/activity.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/units/physical\_dimensions/resistivity.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/is\_auto\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/detail/api\_placeholder.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/units/systems/si/dynamic\_viscosity.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/object\_attributes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/safe\_numerics/safe\_base\_operations.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/python/ssize\_t.hpp

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/\*!

@file

Forward declares `boost::hana::type` and related utilities.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/type.hpp

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/\* boost random/chi\_squared\_distribution.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/chi\_squared\_distribution.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/external/compute/compute\_resize.hpp

[begin\_description]

Enable resizing for Boost.Compute vector

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_resize.hpp  
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@file

Forward declares `boost::hana::set`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/set.hpp

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```
/*  
[auto_generated]  
boost/numeric/odeint/algebra/multi_array_algebra.hpp
```

```
[begin_description]  
tba.  
[end_description]
```

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/multi\_array\_algebra.hpp  
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```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/is\_invocable.hpp  
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```
/* boost random/detail/operators.hpp header file  
*  
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* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org for most recent version including documentation.  
*  
* $Id$  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/operators.hpp
```

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```
/* Boost interval/hw_rounding.hpp template implementation file
```

```
*
```

```
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
```

```
* Copyright 2005 Guillaume Melquiond
```

```
*
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/hw_rounding.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::map`.
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/map.hpp
```

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```
/*
```

```
* Copyright 2017 Andrey Semashev
```

```
*
```

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```

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```

```
*
```

```
* This header is deprecated, use boost/winapi/get_current_thread.hpp instead.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get_current_thread.hpp
```

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```

Found in path(s):

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zip/1.75.0/include/boost/geometry/srs/projections/proj/fahey.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/geometry/srs/projections/impl/pj\_inv.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/moll.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/mill.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/eck5.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/rpoly.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/cea.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/impl/pj\_msfm.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/impl/pj\_gauss.hpp  
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/\*!

@file

Forward declares `boost::hana::none\_of` .

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/none\_of.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Global application configuration

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/pattern\_parser.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/wave\_config.hpp

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```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/error_codes.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/error_codes.hpp
```

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```
/*!  
@file  
Defines `boost::hana::suffix`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/suffix.hpp
```

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```
/*!  
@file  
Forward declares `boost::hana::fold_right`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fold_right.hpp
```

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```
/*  
@file  
Defines experimental views.
```

```
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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/experimental/view.hpp  
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```
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+-----+
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http://www.boost.org/LICENSE\_1\_0.txt)
+-----*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/design\_config.hpp  
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```
/*!
@file
Defines `boost::hana::zip_shortest_with`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/zip\_shortest\_with.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/find.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/algorithm/query/find_if.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/deref_impl.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/single_view.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/single_view_iterator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/end_impl.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/begin_impl.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/view/single_view/detail/value_of_impl.hpp
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```

```
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```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/new_allocator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/addressof.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/move/detail/placement_new.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/next_capacity.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/interprocess/detail/nothrow.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/alloc_helpers.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/move/detail/iterator_to_raw_pointer.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/interprocess/detail/simple_swap.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/interprocess/detail/std_fwd.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/iterator_to_raw_pointer.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/placement_new.hpp
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```

```
/* Boost interval/rounded_transc.hpp template implementation file
```

```
*
```

```
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```

```
*
```

```
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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/rounded\_transc.hpp

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/\* Boost interval/detail/interval\_prototype.hpp file

\*

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/interval\_prototype.hpp

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and  
N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/string\_ref.hpp

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/string\_ref\_fwd.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match\_manip\_auto.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/detail/match\_manip.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/bool\_policies.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/has\_semantic\_action.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/binary.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auto.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/stream.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/handles\_container.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/is\_spirit\_tag.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/binary.hpp

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@file

Defines `boost::hana::insert\_range`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/move/algorithm/detail/is\_sorted.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/intrusive\_ptr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/file\_wrapper.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/enable\_shared\_from\_this.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed\_open\_or\_create\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/scoped\_ptr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/ptime\_wrk.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/detail/shared\_count.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_ops\_generic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_x86.hpp  
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```
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http://spirit.sourceforge.net

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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/grammar\_def.hpp  
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```
/*
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*
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*
* This header is deprecated, use boost/winapi/timers.hpp instead.
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/timers.hpp  
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```
/*!
@file
Defines common methods for all Boost.Fusion sequences.

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*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion/detail/common.hpp  
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```
/*=====
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/fenv.hpp

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BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for the current include (^noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_3.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs\_3.hpp

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@file

Forward declares `boost::hana::detail::nested\_to`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_to\_fwd.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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<http://spirit.sourceforge.net/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/refactoring.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/regex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/lists.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/confix.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/fundamental.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/sfinae\_errors.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/config.hpp

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/\*!

@file

Defines operators for Monads.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/monad.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

A generic C++ lexer token definition

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_token.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_operations\_dispatcher.hpp

[begin\_description]  
operations\_dispatcher specialization for thrust  
[end\_description]

Copyright 2013-2014 Karsten Ahnert  
Copyright 2013-2014 Mario Mulansky

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations\_dispatcher.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::remove\_at` and `boost::hana::remove\_at\_c`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/remove\_at.hpp  
No license file was found, but licenses were detected in source scan.

/\*  
[auto\_generated]  
boost/numeric/odeint/external/thrust/thrust\_algebra.hpp

[begin\_description]  
An algebra for thrusts device\_vectors.  
[end\_description]

Copyright 2010-2013 Mario Mulansky  
Copyright 2010-2011 Karsten Ahnert  
Copyright 2013 Kyle Lutz

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_algebra.hpp  
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```
//  
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// https://www.boost.org/LICENSE\_1\_0.txt)  
//  
// getrandom() capable platforms  
//  
  
#include <boost/config.hpp>  
#include <boost/throw_exception.hpp>  
#include <boost/predef/library/c/gnu.h>  
#include <cerrno>  
#include <cstddef>  
  
#if !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)  
#if BOOST_LIB_C_GNU >= BOOST_VERSION_NUMBER(2, 25, 0)  
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER  
#elif defined(__has_include)  
#if __has_include(<sys/random.h>)  
#define BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER  
#endif  
#endif  
#endif // !defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM)  
  
#if defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)  
#include <sys/random.h>  
#else  
#include <stddef.h> // ssize_t  
#endif  
  
namespace boost {  
namespace uuids {  
namespace detail {  
  
class random_provider_base  
{  
public:  
    /// Obtain entropy and place it into a memory location  
    /// \param[in] buf the location to write entropy  
    /// \param[in] siz the number of bytes to acquire
```

```

void get_random_bytes(void *buf, std::size_t siz)
{
    std::size_t offset = 0;
    while (offset < siz)
    {
        ssize_t sz = get_random(static_cast< char*>(buf) + offset, siz - offset, 0u);

        if (BOOST_UNLIKELY(sz < 0))
        {
            int err = errno;
            if (err == EINTR)
                continue;
            BOOST_THROW_EXCEPTION(entropy_error(err, "getrandom"));
        }

        offset += sz;
    }
}

private:
    static ssize_t get_random(void *buf, std::size_t size, unsigned int flags)
    {
#ifdef BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM
        return BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_IMPL_GETRANDOM(buf, size, flags);
#elif defined(BOOST_UUID_RANDOM_PROVIDER_GETRANDOM_HAS_LIBC_WRAPPER)
        return ::getrandom(buf, size, flags);
#else
        return ::syscall(SYS_getrandom, buf, size, flags);
#endif
    }
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_getrandom.ipp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::common` and `boost::hana::common_t`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/common.hpp

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/\* boost random/hyperexponential\_distribution.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* Much of the code here taken by boost::math::hyperexponential\_distribution.

\* To this end, we would like to thank Paul Bristow and John Maddock for their

\* valuable feedback.

\*

\* \author Marco Guazzone (marco.guazzone@gmail.com)

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/hyperexponential\_distribution.hpp

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/\*

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/error\_handling.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/real\_policies.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation.hpp

[begin\_description]

Forward header for the factory functions. Includes all files from the generation directory.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/rosenbrock4\_controller.hpp

[begin\_description]

Controller for the Rosenbrock4 method.

[end\_description]

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Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4\_controller.hpp

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```
/*=====
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Copyright (c) 2014 Thomas Bernard

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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/directive/repeat.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::lazy`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/lazy.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/arith3.hpp template implementation file
*
* This headers provides arithmetical functions
* which compute an interval given some base
* numbers. The resulting interval encloses the
* real result of the arithmetic operation.
*
* Copyright 2003 Guillaume Melquiond
*
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* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/arith3.hpp
```

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```
/* Boost interval/compare/certain.hpp template implementation file
*
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*
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* copy at http://www.boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/compare/certain.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Adapts `std::integer_sequence` for use with Hana.
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/std/integer_sequence.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines `boost::hana::detail::type_foldr1`.
```

```
@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/type_foldr1.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::div`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/div.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/independent_bits.hpp header file
*
* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/independent\_bits.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Forward declares `boost::hana::remove_range` and `boost::hana::remove_range_c`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/remove\_range.hpp  
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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/index_sequence.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind_member_function.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind_function_object.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/function_eval_expr.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/bind_function.hpp
```

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```
/*=====
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/this.hpp
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/leaf.hpp
```

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```
/* Copyright 2006-2019 Joaquin M Lopez Munoz.  
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* http://www.boost.org/LICENSE\_1\_0.txt)  
*  
* See http://www.boost.org/libs/flyweight for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/default_value_policy.hpp
```

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```
/*!
```

@file

Defines `boost::hana::detail::hash\_table`.

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@copyright Jason Rice 2016

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/hash\_table.hpp

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//

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//

// Official repository: <https://github.com/boostorg/beast>

//

#ifndef BOOST\_BEAST\_WEBSOCKET\_DETAIL\_MASK\_IPP

#define BOOST\_BEAST\_WEBSOCKET\_DETAIL\_MASK\_IPP

#include <boost/beast/websocket/detail/mask.hpp>

```
namespace boost {  
namespace beast {  
namespace websocket {  
namespace detail {
```

```
void  
prepare_key(prepared_key& prepared, std::uint32_t key)  
{  
    prepared[0] = (key >> 0) & 0xff;  
    prepared[1] = (key >> 8) & 0xff;  
    prepared[2] = (key >> 16) & 0xff;  
    prepared[3] = (key >> 24) & 0xff;  
}
```

```
inline  
void  
rol(prepared_key& v, std::size_t n)  
{  
    auto v0 = v;  
    for(std::size_t i = 0; i < v.size(); ++i )
```

```

    v[i] = v0[(i + n) % v.size()];
}

// Apply mask in place
//
void
mask_inplace(net::mutable_buffer const& b, prepared_key& key)
{
    auto n = b.size();
    auto const mask = key; // avoid aliasing
    auto p = static_cast<unsigned char*>(b.data());
    while(n >= 4)
    {
        for(int i = 0; i < 4; ++i)
            p[i] ^= mask[i];
        p += 4;
        n -= 4;
    }
    if(n > 0)
    {
        for(std::size_t i = 0; i < n; ++i)
            p[i] ^= mask[i];
        rol(key, n);
    }
}

} // detail
} // websocket
} // beast
} // boost

#endif

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/websocket/detail/mask.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_process\_times.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_process\_times.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/equal\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/less.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/less\_equal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/greater\_equal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/not\_equal\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/comparison/greater.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/util/ublas_wrapper.hpp
```

```
[begin_description]
Resizing for ublas::vector and ublas::matrix
[end_description]
```

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Copyright 2011-2013 Karsten Ahnert

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/ublas\_wrapper.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/boost\_tuple/mpl/clear.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/mpl/clear.hpp

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```
/*=====
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/detail/numeric\_utils.hpp

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```
/*
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* http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/intrusive\_ref\_counter.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/explicit\_operator\_bool.hpp

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```
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```

```

// (See accompanying file LICENSE_1_0.txt or copy at
//      http://www.boost.org/LICENSE_1_0.txt)

#ifndef BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP
#define BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP

#include <algorithm>
#include <exception>
#include <memory>
#include <tuple>

#include <boost/assert.hpp>
#include <boost/config.hpp>
#include <boost/context/detail/config.hpp>

#include <boost/context/fiber.hpp>

#include <boost/coroutine2/detail/config.hpp>
#include <boost/coroutine2/detail/wrap.hpp>

#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_PREFIX
#endif

namespace boost {
namespace coroutines2 {
namespace detail {

// pull_coroutine< T >

template< typename T >
void
pull_coroutine< T >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                Fn && fn) :
#ifdef BOOST_NO_CXX14_GENERIC_LAMBDAS
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
        wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
            // create synthesized push_coroutine< T >

```

```

typename push_coroutine< T >::control_block synthesized_cb{ this, c };
push_coroutine< T > synthesized{ & synthesized_cb };
other = & synthesized_cb;
if ( state_t::none == ( state & state_t::destroy) ) {
    try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument
        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
},
std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
[this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< T >
    typename push_coroutine< T >::control_block synthesized_cb{ this, c };
    push_coroutine< T > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized push_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
}
}

```

```

        // set termination flags
        state |= state_t::complete;
        // jump back
        return std::move( other->c).resume();
    } },
#endif
    other{ nullptr },
    state{ state_t::unwind },
    except{ },
    bvalid{ false },
    storage{} {
        c = std::move( c).resume();
        if ( except) {
            std::rethrow_exception( except);
        }
    }
}

template< typename T >
pull_coroutine< T >::control_block::control_block( typename push_coroutine< T >::control_block * cb,
                                                boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{} {
}

template< typename T >
pull_coroutine< T >::control_block::~~control_block() {
    // destroy data if set
    if ( bvalid) {
        reinterpret_cast< T * >( std::addressof( storage) )->~T();
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind) ) {
        destroy( this);
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::resume() {
    c = std::move( c).resume();
}

```

```

    if ( except) {
        std::rethrow_exception( except);
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::set( T const& t) {
    // destroy data if set
    if ( bvalid) {
        reinterpret_cast< T * >( std::addressof( storage) )->~T();
    }
    ::new ( static_cast< void * >( std::addressof( storage) ) ) T( t);
    bvalid = true;
}

template< typename T >
void
pull_coroutine< T >::control_block::set( T && t) {
    // destroy data if set
    if ( bvalid) {
        reinterpret_cast< T * >( std::addressof( storage) )->~T();
    }
    ::new ( static_cast< void * >( std::addressof( storage) ) ) T( std::move( t) );
    bvalid = true;
}

template< typename T >
T &
pull_coroutine< T >::control_block::get() noexcept {
    return * reinterpret_cast< T * >( std::addressof( storage) );
}

template< typename T >
bool
pull_coroutine< T >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete) && bvalid;
}

// pull_coroutine< T & >

template< typename T >
void
pull_coroutine< T & >::control_block::destroy( control_block * cb) noexcept {
    boost::context::fiber c = std::move( cb->c);
    // destroy control structure
    cb->~control_block();
}

```

```

// destroy coroutine's stack
cb->state |= state_t::destroy;
}

template< typename T >
template< typename StackAllocator, typename Fn >
pull_coroutine< T & >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDA)
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  wrap( [this](typename std::decay< Fn >::type & fn_, boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< T & >
    typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
    push_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
      try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument
        fn( synthesized);
      } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
      }
    }
  } catch ( abi::__forced_unwind const& ) {
    throw;
  }
#endif
  catch (...) {
    // store other exceptions in exception-pointer
    except = std::current_exception();
  }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
},
std::forward< Fn >( fn) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
  [this,fn_=std::forward< Fn >( fn)](boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< T & >
    typename push_coroutine< T & >::control_block synthesized_cb{ this, c };
    push_coroutine< T & > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
      try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument

```

```

        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const&) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const&) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
} },
#endif
other{ nullptr },
state{ state_t::unwind },
except{ },
bvalid{ false },
storage{} {
    c = std::move( c).resume();
    if ( except) {
        std::rethrow_exception( except);
    }
}

template< typename T >
pull_coroutine< T & >::control_block::control_block( typename push_coroutine< T & >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{ },
    bvalid{ false },
    storage{} {
}

template< typename T >
void
pull_coroutine< T & >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind) ) {
        destroy( this);
    }
}

```

```

template< typename T >
void
pull_coroutine< T >::control_block::resume() {
    c = std::move( c ).resume();
    if ( except ) {
        std::rethrow_exception( except );
    }
}

template< typename T >
void
pull_coroutine< T >::control_block::set( T & t ) {
    ::new ( static_cast< void * >( std::addressof( storage ) ) ) holder{ t };
    bvalid = true;
}

template< typename T >
T &
pull_coroutine< T >::control_block::get() noexcept {
    return reinterpret_cast< holder * >( std::addressof( storage ) )->t;
}

template< typename T >
bool
pull_coroutine< T >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete ) && bvalid;
}

// pull_coroutine< void >

inline
void
pull_coroutine< void >::control_block::destroy( control_block * cb ) noexcept {
    boost::context::fiber c = std::move( cb->c );
    // destroy control structure
    cb->~control_block();
    // destroy coroutine's stack
    cb->state |= state_t::destroy;
}

template< typename StackAllocator, typename Fn >
pull_coroutine< void >::control_block::control_block( context::preallocated palloc, StackAllocator && salloc,
                                                    Fn && fn ) :
#if defined(BOOST_NO_CXX14_GENERIC_LAMBDAS)
    c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc ),
        wrap( [this](typename std::decay< Fn >::type & fn, boost::context::fiber && c) mutable {
            // create synthesized push_coroutine< void >

```

```

typename push_coroutine< void >::control_block synthesized_cb{ this, c };
push_coroutine< void > synthesized{ & synthesized_cb };
other = & synthesized_cb;
if ( state_t::none == ( state & state_t::destroy) ) {
    try {
        auto fn = std::move( fn_);
        // call coroutine-fn with synthesized push_coroutine as argument
        fn( synthesized);
    } catch ( boost::context::detail::forced_unwind const& ) {
        throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
    } catch ( abi::__forced_unwind const& ) {
        throw;
#endif
    } catch (...) {
        // store other exceptions in exception-pointer
        except = std::current_exception();
    }
}
// set termination flags
state |= state_t::complete;
// jump back
return std::move( other->c).resume();
},
std::forward< Fn >( fn ) ),
#else
c{ std::allocator_arg, palloc, std::forward< StackAllocator >( salloc),
[this,fn_=std::forward< Fn >( fn)]( boost::context::fiber && c) mutable {
    // create synthesized push_coroutine< void >
    typename push_coroutine< void >::control_block synthesized_cb{ this, c };
    push_coroutine< void > synthesized{ & synthesized_cb };
    other = & synthesized_cb;
    if ( state_t::none == ( state & state_t::destroy) ) {
        try {
            auto fn = std::move( fn_);
            // call coroutine-fn with synthesized push_coroutine as argument
            fn( synthesized);
        } catch ( boost::context::detail::forced_unwind const& ) {
            throw;
#ifdef BOOST_CONTEXT_HAS_CXXABI_H
        } catch ( abi::__forced_unwind const& ) {
            throw;
#endif
        } catch (...) {
            // store other exceptions in exception-pointer
            except = std::current_exception();
        }
    }
}
}

```

```

        // set termination flags
        state |= state_t::complete;
        // jump back to ctx
        return std::move( other->c).resume();
    } },
#endif
    other{ nullptr },
    state{ state_t::unwind },
    except{} {
        c = std::move( c).resume();
        if ( except ) {
            std::rethrow_exception( except);
        }
    }
}

inline
pull_coroutine< void >::control_block::control_block( push_coroutine< void >::control_block * cb,
                                                    boost::context::fiber & c_) noexcept :
    c{ std::move( c_) },
    other{ cb },
    state{ state_t::none },
    except{} {
}

inline
void
pull_coroutine< void >::control_block::deallocate() noexcept {
    if ( state_t::none != ( state & state_t::unwind ) ) {
        destroy( this);
    }
}

inline
void
pull_coroutine< void >::control_block::resume() {
    c = std::move( c).resume();
    if ( except ) {
        std::rethrow_exception( except);
    }
}

inline
bool
pull_coroutine< void >::control_block::valid() const noexcept {
    return nullptr != other && state_t::none == ( state & state_t::complete);
}

}}}}

```

```
#ifdef BOOST_HAS_ABI_HEADERS
# include BOOST_ABI_SUFFIX
#endif
```

```
#endif // BOOST_COROUTINES2_DETAIL_PULL_CONTROL_BLOCK_IPP
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/coroutine2/detail/pull_control_block_cc.ipp
```

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```
/*!
```

```
@file
```

Forward declares `boost::hana::extend`.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/extend.hpp
```

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```
// Copyright 2011 John Maddock. Distributed under the Boost
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/generic_interconvert.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/tommath.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/number.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/gmp.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/rational_adaptor.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/number_base.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/detail/default_ops.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/mpfr.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/multiprecision/mpfi.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/multiprecision/detail/et\_ops.hpp

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```
/*=====
Copyright (c) 2014 Paul Fultz II
always.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/always.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2017 Andrey Semashev
*
* Distributed under the Boost Software License, Version 1.0.
* See http://www.boost.org/LICENSE_1_0.txt
*
* This header is deprecated, use boost/winapi/limits.hpp instead.
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/winapi/limits.hpp  
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```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/support/detail/and.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/student_t_distribution.hpp header file
*
* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*/
```

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/student\_t\_distribution.hpp

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/\* boost random/detail/large\_arithmetic.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/large\_arithmetic.hpp

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/\*!

@file

Defines `boost::hana::arg`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/arg.hpp

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/\*!

@file

Includes all the headers needed to setup tag-dispatching.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/dispatch.hpp

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/\* boost random/bernoulli\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/bernoulli\_distribution.hpp

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@file

Forward declares `boost::hana::fill`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fill.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/value\_at\_impl.hpp

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/\*!

@file

Defines `boost::hana::keys`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/keys.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar.hpp

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@file

Forward declares `boost::hana::adjust\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/adjust\_if.hpp

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/\*!

@file

Master header for the `boost/hana/concept` subdirectory.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/concept.hpp

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@file

Defines `boost::hana::detail::operators::adl`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/detail/operators/adl.hpp

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@file

Defines `boost::hana::when` and `boost::hana::when\_valid`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/core/when.hpp

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@file

Forward declares `boost::hana::symmetric\_difference`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/symmetric\_difference.hpp

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/\*

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\*

\* This header is deprecated, use boost/winapi/time.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/time.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/uses\_allocator.hpp

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/\*!

@file

Defines a replacement for `std::decay``, which is sometimes too slow at  
compile-time.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/decay.hpp

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/\*!

@file

Defines `boost::hana::eval_if`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/eval\_if.hpp

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/\* boost random/exponential\_distribution.hpp header file

\*

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\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/exponential\_distribution.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/same\_instance.hpp

[begin\_description]

Basic check if two variables are the same instance

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/same\_instance.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/expect.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform.h

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/member\_function\_ptr.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/functor\_parser.hpp

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/\*!

@file

Forward declares `boost::hana::power`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/power.hpp

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//

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//

// "A Replacement Call for Random"

// <https://man.openbsd.org/arc4random.3>

//

#include <cstddef>

#include <stdlib.h>

namespace boost {

namespace uuids {

namespace detail {

class random\_provider\_base

{

public:

//! Obtain entropy and place it into a memory location

//! \param[in] buf the location to write entropy

//! \param[in] siz the number of bytes to acquire

```

void get_random_bytes(void *buf, std::size_t siz)
{
    arc4random_buf(buf, siz);
}
};

} // detail
} // uuids
} // boost

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_arc4random.ipp

```

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```

/* boost random/detail/iterator_mixin.hpp header file
*
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* Revision history
*/

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/iterator_mixin.hpp

```

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```

/*
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*
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* Copyright (c) 2013 Tim Blechmann
* Copyright (c) 2012 - 2014 Andrey Semashev
*/

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_arch_msvc_x86.hpp

```

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/atomic/detail/caps_windows.hpp

```

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-

```

zip/1.75.0/include/boost/atomic/detail/caps\_arch\_msvc\_arm.hpp  
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```
/*  
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*  
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* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/waitable_timer.hpp instead.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/waitable_timer.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Defines `boost::hana::filter`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/filter.hpp  
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```

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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/srs/projections/proj/isea.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::drop_front`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_front.hpp  
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```
/* *****  
# *  
# * (C) Copyright Edward Diener 2019. *  
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# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# *  
# ***** */
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/has\_opt.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/detail/has\_opt.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::detail::first_unsatisfied_index`.
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/first\_unsatisfied\_index.hpp  
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```
/*!  
@file  
Defines `boost::hana::maximum`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/maximum.hpp

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/\*!

@file

Defines `boost::hana::or`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/or.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp

[begin\_description]

Implementation of the Dense-output stepper for all steppers. Note, that this class does  
not computes the result but serves as an interface.

[end\_description]

Copyright 2011-2013 Karsten Ahnert

Copyright 2011-2015 Mario Mulansky

Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/dense\_output\_runge\_kutta.hpp

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\*

\* Copyright (c) 2011 Helge Bahmann  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/atomic\_impl.hpp

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/\*!

@file

Defines an equivalent to the proposed `std::void_t`.`

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/void\_t.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/row\_tags.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/history\_policies.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/detail/common\_states.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/state\_machine.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/queue\_container\_deque.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/queue\_container\_circular.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/back/default\_compile\_policy.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/front/states.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/support/detail/lexer/parser/tree/iteration\_node.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/adaptor/mode\_adaptor.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/websocket/impl/rfc6455.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/impl/thread\_pool.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/websocket/detail/prng.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/lexer/state\_machine.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/lexer/parser/tree/leaf\_node.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/http/detail/basic\_parser.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/translate\_int\_type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/system\_timer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/resolver\_service.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/config/gcc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/win\_iocp\_null\_buffers\_op.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/constants.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/signal\_set.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/impl/null\_resource.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/process/detail/windows/close\_in.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/impl/posix\_mutex.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/default\_resource.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ip/address\_v4\_range.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/lexer/parser/tree/end\_node.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/impl/static\_string.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/null\_signal\_blocker.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/asio/impl/dispatch.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/cpu\_info.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/adaptor/range\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ssl/detail/buffered\_handshake\_op.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/thread\_group.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/typeof/register\_functions\_iterate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/impl/file\_stdio.ipp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/buffers\_suffix.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/variadic\_templates.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/impl/buffers\_prefix.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/win\_fenced\_block.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/char\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/http/impl/fields.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/select\_interrupter.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/string.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/clamp.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/blaze/blaze\_resize.hpp

[begin\_description]  
tba.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_resize.hpp  
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/\* Boost interval/detail/ia64\_rounding\_control.hpp file

\*

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\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/ia64\_rounding\_control.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_gcc\_atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_gcc\_atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated.hpp  
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/\*!

@file

Defines `boost::hana::any_of`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/any\_of.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_median.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/median.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_sum.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_mean.hpp

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@file

Defines `boost::hana::slice` and `boost::hana::slice\_c`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/slice.hpp

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/\*!

@file

Forward declares `boost::hana::Monad`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monad.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_auto.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_copy.hpp

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@file remove\_transaction\_safe

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/remove\_transaction\_safe.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/detail/parameterized.hpp

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/\*!

@file

Defines `boost::hana::erase\_key`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/erase\_key.hpp

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```
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/nview\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector20.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_tuple/detail/build\_std\_tuple.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/make\_tuple.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector30.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/set\_fwd.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_list.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/vector\_tie.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector50.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector10.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list\_fwd.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_tie.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector40.hpp

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```
/*=====
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Copyright (c) 2003 Vaclav Vesely
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/lazy.hpp  
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```
/*=====
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unpack_tuple.hpp
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/unpack\_tuple.hpp  
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```
/*
[auto_generated]
boost/numeric/odeint/integrate/observer_collection.hpp
```

```
[begin_description]
Collection of observers, which are all called during the evolution of the ODE.
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/observer\_collection.hpp  
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```
/*!
@file
Defines `boost::hana::overload_linearly`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/functional/overload\_linearly.hpp

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/\* A very simple result type

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File Created: June 2017

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/std\_result.hpp

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/\* boost random/random\_number\_generator.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/random\_number\_generator.hpp

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/\*!

@file

Defines `boost::hana::fuse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fuse.hpp

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/\* Exception observers for outcome type

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_exception\_observers.hpp

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/\*!

@file

Defines `boost::hana::difference`.`

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/difference.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Adapts `boost::fusion::tuple` for use with Hana.`

In the current version of Boost.Fusion, `boost::fusion::tuple` is basically an alias to boost::fusion::vector`, so both data types share the same implementation in Hana.`

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion/tuple.hpp

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/\*!

@file

Forward declares `boost::hana::permutations`.`

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/permutations.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/mpi/mpi.hpp

[begin\_description]

Wrappers for MPI.

[end\_description]

Copyright 2013 Karsten Ahnert

Copyright 2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi.hpp

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/\*=====

Phoenix v1.2

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/binders.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/actor.hpp

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/\* Proposed SG14 status\_code

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/outcome/experimental/status-code/quick\_status\_code\_from\_enum.hpp

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/\*!

@file

Defines `boost::hana::repeat`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/repeat.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/revision.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer/static\_log2.hpp

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/\* Proposed SG14 status\_code

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/generic\_code.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/config.hpp

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/\*!

@file

Defines `boost::hana::min`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/min.hpp

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/\*!

@file

Forward declares `boost::hana::fuse`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fuse.hpp

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/\* boost uuid/detail/random\_provider\_wincrypt implementation

\*

\* Copyright Jens Maurer 2000

\* Copyright 2007 Andy Tompkins.

\* Copyright Steven Watanabe 2010-2011

\* Copyright 2017 James E. King III

```
*
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* accompanying file LICENSE_1_0.txt or copy at
* https://www.boost.org/LICENSE_1_0.txt)
*
* $Id$
*/
```

Found in path(s):

```
*/opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/uuid/detail/random_provider_wincrypt.ipp
No license file was found, but licenses were detected in source scan.
```

```
/*!
```

```
@file
```

```
Defines `boost::hana::unfold_left`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/unfold_left.hpp
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```

```
/*
```

```
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```

```
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```

```
*
```

```
* See http://www.boost.org/libs/iostreams for documentation.
```

```
*
```

```
* File: boost/iostreams/detail/restrict.hpp
```

```
* Date: Sun Jan 06 12:57:30 MST 2008
```

```
* Copyright: 2008 CodeRage, LLC
```

```
2004-2007 Jonathan Turkanis
```

```
* Author: Jonathan Turkanis
```

```
* Contact: turkanis at coderage dot com
```

```
*
```

```
* Defines the class template boost::iostreams::restriction and the
```

```
* overloaded function template boost::iostreams::restrict
```

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/restrict.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/external/openmp/openmp.hpp

[begin\_description]

Wrappers for OpenMP.

[end\_description]

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Copyright 2013 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp.hpp

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/\*!

@file

Forward declares `boost::hana::when` and `boost::hana::when\_valid`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/when.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector10\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector20\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector30\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector40\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector50\_fwd.hpp  
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/\*!

@file

Forward declares `boost::hana::integral\_constant`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/integral\_constant.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_resize.hpp

[begin\_description]

Enable resizing for thrusts device and host\_vector.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_resize.hpp

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/\*!

@file

Forward declares `boost::hana::empty`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/empty.hpp

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```
/*=====
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match.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/match.hpp

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[auto\_generated]

boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp

[begin\_description]

Wrapper for gsl\_vector.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/gsl/gsl\_wrapper.hpp

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```
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pipable.h
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```

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/pipable.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the abstract lexer interface

<http://www.boost.org/>

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_interface\_generator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_interface.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/set\_algo.hpp

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construct.h

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/construct.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/stl/container.hpp

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```
/* boost random/seed_seq.hpp header file
*
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/seed\_seq.hpp

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/win32/thread_primitives.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/future.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/operators.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/checked_delete.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/lockfree/lockfree_forward.hpp
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/scoped\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/detail/iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/throw\_exception.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/atomic\_count\_gcc\_x86.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/win32/shared\_mutex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/detail/config.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/pending/detail/property.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/atomic\_shared\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/tensor/multiplication.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/operators\_v1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/detail/local\_counted\_base.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/locale/format.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/nowide/utf/utf.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/vector\_of\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/numeric/ublas/storage\_sparse.hpp  
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zip/1.75.0/include/boost/lockfree/detail/copy\_payload.hpp  
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zip/1.75.0/include/boost/numeric/ublas/hermitian.hpp  
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zip/1.75.0/include/boost/pending/fenced\_priority\_queue.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/fwd.hpp  
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[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54\_classic.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method with the classical implementation.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54\_classic.hpp  
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@file

Forward declares `boost::hana::EuclideanRing`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/euclidean\_ring.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/tree/tree\_to\_xml.hpp  
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@file

Defines `boost::hana::div`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/div.hpp

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```
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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/apply.hpp

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```
/* Proposed SG14 status_code
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)
File Created: Jun 2018
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/errored_status_code.hpp  
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::partial`.
```

```
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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/partial.hpp  
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```
/*=====
```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/can_be_called.hpp  
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```

```
/* Proposed SG14 status_code
```

```
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```

```
File Created: Feb 2018
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code.hpp

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intrinsic.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/intrinsic.hpp

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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and  
N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

Updated July 2015 to reflect the Library Fundamentals TS

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/seek.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/directive/seek.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/times\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with oscillator calls at times from a given sequence.  
The dereferenced type contains also the time.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/times\_time\_iterator.hpp

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/\*!

@file

Defines `boost::hana::detail::nested\_than`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/detail/nested\_than.hpp  
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@file

Forward declares `boost::hana::Searchable`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/concept/searchable.hpp

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# \*

\*

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# \*

\*

# \*\*\*\*\* \*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/facilities/is\_empty.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/return\_type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/is\_rvalue\_reference\_member.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/qualified\_class\_of.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/remove_member_cv.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/remove_varargs.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/callable_traits/is_reference_member.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::fix`.
```

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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/fix.hpp
```

```
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```

```
/*
```

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```

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*/
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```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/platform/ios.h
```

```
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```

```
/*=====
```

```
Boost.Wave: A Standard compliant C++ preprocessor library
```

```
http://www.boost.org/
```

```
See http://www.boost.org/libs/wave for documentation
```

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```

```
=====*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave.hpp

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@file

Forward declares `boost::hana::size`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/size.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

[begin\_description]

Default Integrate adaptive implementation.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_adaptive.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/vector\_space\_algebra.hpp

[begin\_description]

An algebra for types which have vector space semantics, hence types on which the operators +, -, \* are well defined.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/algebra/vector\_space\_algebra.hpp

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[auto\_generated]

boost/numeric/odeint/util/unwrap\_reference.hpp

[begin\_description]

unwrap\_reference

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/unwrap\_reference.hpp

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@file

Includes all the adaptors for the Boost.Fusion library.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion.hpp

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/\* boost random/vector\_io.hpp header file

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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/vector\_io.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float/io.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/bitscan.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/float128.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/serialize.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/value\_pack.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/literals.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_bin\_float/transcendental.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/float\_string\_cvt.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/ublas\_interop.hpp

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/\*

boost/numeric/odeint/stepper/detail/controlled\_adams\_bashforth\_moulton.hpp

[begin\_description]

Implementation of an controlled adams bashforth moulton stepper.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_adams\_bashforth\_moulton.hpp

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/\*!

@file

Defines `boost::hana::unfold\_right`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/unfold\_right.hpp

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Revision history:

January 2008 mtc Version for Adobe Source Library

January 2013 mtc Version for Boost.Algorithm

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/gather.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/adams\_bashforth\_moulton.hpp

[begin\_description]

Implementation of the Adams-Bashforth-Moulton method, a predictor-corrector multistep method.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_bashforth\_moulton.hpp

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mutable.h

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/scope/detail/local\_variable.hpp

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```
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# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/variadic/detail/is_single_return.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/detail/get_data.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/detail/is_single_return.hpp
```

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@file

Forward declares `boost::hana::Orderable`.

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/orderable.hpp
```

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@file

Forward declares `boost::hana::scan\_left`.

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/scan_left.hpp
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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_30.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_20.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_50.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_10.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_50.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_30.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_50.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_10.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_20.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/limits.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform\_view.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_10.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_20.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_30.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/as\_vector.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/joint\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_30.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/as\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/function\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/is\_sequence.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/function\_ptr\_50.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_30.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/member\_function\_ptr\_20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/single\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_member\_function\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/preprocessed/bind\_function\_object\_50.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/transform.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/push\_front.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/join.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/at.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_function\_object.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind\_function.hpp  
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/\*!

@file

Defines `boost::hana::Monoid`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/monoid.hpp

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\*

\* This header is deprecated, it provides the deprecated namespace for backward compatibility.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/detail/deprecated\_namespace.hpp

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/\* boost random auto\_link.hpp header file

\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/auto\_link.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/prior\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/begin\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/view/nview/detail/distance\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/next\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/equal\_to\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/advance\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/cpp03/nview\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/deref\_impl.hpp  
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```
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/argument\_expression.hpp  
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```
/* A very simple result type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (10 commits)
File Created: June 2017
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/boost\_result.hpp

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/\* boost random/normal\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random/normal\_distribution.hpp

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```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/compute/random/threefry_engine.hpp
```

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```
/*
```

```
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```

```
*
```

```
* See http://www.boost.org/libs/iostreams for documentation.
```

```
*
```

```
* File: boost/iostreams/detail/path.hpp
```

```
* Date: Sat Jun 21 21:24:05 MDT 2008
```

```
* Copyright: 2008 CodeRage, LLC
```

```
* Author: Jonathan Turkanis
```

```
* Contact: turkanis at coderage dot com
```

```
*
```

```
* Defines the class boost::iostreams::detail::path, for storing a
```

```
* a std::string or std::wstring.
```

```
*
```

```
* This class allows interoperability with Boost.Filesystem without
```

```
* creating a dependence on Boost.Filesystem headers or implementation.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/iostreams/detail/path.hpp
```

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```
/*
```

```
=====
Copyright (c) 2001-2009 Joel de Guzman
```

```
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```

```
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```

```
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```

```
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```

```
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```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/adapt_adt.hpp
```

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```
// Copyright 2005 Daniel Egloff. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/p_square_quantile.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/extended_p_square.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/extended_p_square_quantile.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_extended_p_square.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_p_square_quantile.hpp
```

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/\*!

@file

Forward declares `boost::hana::slice` and `boost::hana::slice\_c`.

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/slice.hpp
```

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=====  
\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/any.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/any.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/bulirsch\_stoer.hpp

[begin\_description]

Implementation of the Burlish-Stoer method. As described in  
Ernst Hairer, Syvert Paul Norsett, Gerhard Wanner  
Solving Ordinary Differential Equations I. Nonstiff Problems.  
Springer Series in Comput. Mathematics, Vol. 8, Springer-Verlag 1987, Second revised edition 1993.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/bulirsch\_stoer.hpp

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/\*\*

\* -\*- c++ -\*-

\*

\* \file const\_iterator\_type.hpp

\*

\* \brief Const iterator to a given container type.

\*

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\*

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\*

\* \author Marco Guazzone, marco.guazzone@gmail.com

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/traits/const\_iterator\_type.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/os\_thread\_functions.hpp

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```
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* http://www.boost.org/LICENSE_1_0.txt)  
*  
* See http://www.boost.org/libs/flyweight for library home page.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/recursive_lw_mutex.hpp
```

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```
/*=====
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/context.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/argument.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/terminal_expression.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/terminal.hpp
```

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```
/* A less simple result type  
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (1 commit)  
File Created: June 2017
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/outcome.hpp

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/\*

@file

Defines `boost::hana::experimental::print`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/experimental/printable.hpp

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/\*\*

\* `-*- c++ -*-`

\*

\* `\file iterator_type.hpp`

\*

\* `\brief` Iterator to a given container type.

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*
* \author Marco Guazzone, marco.guazzone@gmail.com
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/traits/iterator_type.hpp
```

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```
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unpack.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/unpack.hpp
```

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```
/*!
@file
Defines `boost::hana::EuclideanRing`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/concept/euclidean_ring.hpp
```

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/string/symbols.hpp
```

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```
/*!
```

@file

Forward declares `boost::hana::all`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/all.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/concept/interval\_bounds.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/continuous\_interval.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/type\_traits/is\_numeric.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/exclusive\_less\_than.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/open\_interval.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/std\_equal.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/detail/boost\_config.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/closed\_interval.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/type\_traits/predicate.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/distinct\_equal.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/element\_equal.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/left\_open\_interval.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/predicates/sub\_super\_set.hpp

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/right_open_interval.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::iterate`.
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/functional/iterate.hpp
```

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/*!
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```
@file
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```
Forward declares the @ref group-core module.
```

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/core.hpp
```

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```
/*=====
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/char/char.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/string/lit.hpp

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/\* boost random/shuffle\_order.hpp header file

\*

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\*

\* \$Id\$

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/shuffle\_order.hpp

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@file

Forward declares `boost::hana::hash`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/hash.hpp

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@file

Forward declares `boost::hana::maximum`.

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zip/1.75.0/include/boost/hana/fwd/maximum.hpp

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@file

Defines `boost::hana::hash`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/hash.hpp

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Defines `boost::hana::concat`.

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zip/1.75.0/include/boost/hana/concat.hpp

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@file

Defines operators for Comparables.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/operators/comparable.hpp

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@file

Defines `boost::hana::monadic\_fold\_right`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/monadic\_fold\_right.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/single\_view/detail/next\_impl.hpp

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@file

Defines `boost::hana::Comonad`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/comonad.hpp

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/\*  
[auto\_generated]  
boost/numeric/odeint/algebra/detail/macros.hpp

[begin\_description]  
Some macros for type checking.  
[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/detail/macros.hpp  
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/\*!  
@file  
Defines `boost::hana::cycle`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/cycle.hpp  
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/\*!  
@file  
Forward declares `boost::hana::take\_back`.

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zip/1.75.0/include/boost/hana/fwd/take\_back.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/primitives.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

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zip/1.75.0/include/boost/fusion/support/as\_const.hpp  
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Authors: Jaakko Jarvi (jajarvi at osl.iu.edu)  
Jeremiah Willcock (jewillco at osl.iu.edu)  
Andrew Lumsdaine (lums at osl.iu.edu)

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/enable\_if.hpp  
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/\* Boost interval/detail/msvc\_rounding\_control.hpp file

\*

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/msvc\_rounding\_control.hpp  
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boost/hof.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the predefined macros

http://www.boost.org/

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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/wave/util/cpp\_macromap\_predef.hpp

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```
/*!
@file
Defines `boost::hana::detail::variadic::drop_into`.

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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/detail/variadic/drop\_into.hpp

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```
/*!
@file
Defines `boost::hana::apply`.

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```

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```
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/haiku.h  
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```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_info.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2017 Andrey Semashev  
*  
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* See http://www.boost.org/LICENSE\_1\_0.txt  
*  
* This header is deprecated, use boost/winapi/config.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/config.hpp  
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```
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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess\_sharable\_mutex.hpp

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```
/* boost random/detail/disable_warnings.hpp header file
*
* Copyright Steven Watanabe 2009
* Distributed under the Boost Software License, Version 1.0. (See
* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/detail/disable_warnings.hpp
```

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```
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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/string.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/list.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/monotonic_buffer_resource.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/flat_set.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/detail/block_list.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/deque.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/flat_map.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/synchronized_pool_resource.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/small_vector.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/devector.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/polymorphic_allocator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/container/pmr/set.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/container/scoped\_allocator\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_resource.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/uses\_allocator\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/dlmalloc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/dispatch\_uses\_allocator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/block\_slist.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/stable\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/tree\_value\_compare.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/resource\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/pool\_options.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/unsynchronized\_pool\_resource.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/global\_resource.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/slist.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/small\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/pmr/memory\_resource.hpp

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/\*!

@file

Forward declares `boost::hana::reverse\_fold`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/reverse\_fold.hpp

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```
/*=====
Copyright (c) 1998-2003 Joel de Guzman
Copyright (c) 2001-2003 Daniel Nuffer
Copyright (c) 2001-2003 Hartmut Kaiser
Copyright (c) 2002-2003 Martin Wille
Copyright (c) 2002 Raghavendra Satish
Copyright (c) 2001 Bruce Florman
http://spirit.sourceforge.net/
```

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::replace_if`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/replace_if.hpp
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```

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::unfold_left`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/unfold_left.hpp
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```

```
/*=====
Copyright (c) 2016 Paul Fultz II
config.hpp
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/config.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
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Copyright (c) 2010 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/namespace.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/struct/detail/proxy_type.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Boost interval/detail/ppc_rounding_control.hpp file
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
* Copyright 2005 Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/detail/ppc_rounding_control.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*
[auto_generated]
boost/numeric/odeint/stepper/runge_kutta4_classic.hpp
```

```
[begin_description]
Implementation for the classical Runge Kutta stepper.
```

[end\_description]

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Copyright 2010-2013 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta4\_classic.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_operator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_prelude.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_signature.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_list.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_smart.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/function/lazy\_reuse.hpp

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\*

\* This header is deprecated, use boost/winapi/crypt.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/crypt.hpp

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```
/*=====
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Copyright (c) 2007 Dan Marsden
Copyright (c) 2009-2011 Christopher Schmidt

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_assoc\_struct.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/containers\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/xsi\_shared\_memory\_file\_wrapper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/xsi\_shared\_memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/intermodule\_singleton\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/windows\_intermodule\_singleton.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/intermodule\_singleton.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/portable\_intermodule\_singleton.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/managed\_global\_memory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/file\_locking\_helpers.hpp

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/\*!

@file

Forward declares `boost::hana::optional`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/optional.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*

\* Defines preprocessor symbols expanding to the names of functions in the

\* C runtime library used to access file descriptors and to the type used

\* to store file offsets for seeking.

\*

\* File: boost/iostreams/detail/config/rtl.hpp

\* Date: Wed Dec 26 11:58:11 MST 2007

\*

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/config/rtl.hpp

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/\* boost random/detail/ptr\_helper.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/ptr\_helper.hpp

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_mat\_operations.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_traits.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/to\_string\_stub.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/map\_mat\_mat.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/object\_hex\_dump.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_operations2.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/mat\_operations4.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations4.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_traits\_defaults.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_traits\_array.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/mat\_operations3.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_assign4.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_access.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/gen/vec\_operations3.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/detail/quat\_assign.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/vec\_register3.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/is\_output\_streamable.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/quat\_operations.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/qvm/assert.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/exception/detail/clone\_current\_exception.hpp
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Boost.Wave: A Standard compliant C++ preprocessor library

Macro expansion engine

http://www.boost.org/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_set/range.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/nonterminal/grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/as\_set.hpp

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```
/*=====
Copyright (c) 2015 Paul Fultz II
alias.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/alias.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate_times.hpp

[begin_description]
Integration of ODEs with observation at user defined points
[end_description]
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_times.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/restrict\_impl.hpp

\* Date: Sun Jan 06 12:57:30 MST 2008

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* If included with the macro BOOST\_IOSTREAMS\_RESTRICT undefined, defines the

\* class template boost::iostreams::restriction. If included with the macro

\* BOOST\_IOSTREAMS\_RESTRICT defined as an identifier, defines the overloaded

\* function template boost::iostreams::BOOST\_IOSTREAMS\_RESTRICT, and object

\* generator for boost::iostreams::restriction.

\*

\* This design allows <boost/iostreams/restrict.hpp> and

\* <boost/iostreams/slice.hpp> to share an implementation.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/restrict\_impl.hpp

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/\* \*\*\*\*\*

# \*

\*

# \* (C) Copyright Paul Mensonides 2002.

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# \* accompanying file LICENSE\_4\_0.txt or copy at

# \* [http://www.boost.org/LICENSE\\_4\\_0.txt](http://www.boost.org/LICENSE_4_0.txt))

# \*

\*

# \*\*\*\*\* \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse4\_1024.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward4\_1024.hpp  
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```
/* Boost interval/rounding.hpp template implementation file
*
* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/rounding.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
* Distributed under the Boost Software License, Version 1.0.(See accompanying
* file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt.)
*
* See http://www.boost.org/libs/iostreams for documentation.
*
* File:      boost/iostreams/detail/restrict.hpp
* Date:      Sun Jan 06 12:57:30 MST 2008
* Copyright: 2008 CodeRage, LLC
              2004-2007 Jonathan Turkanis
* Author:    Jonathan Turkanis
* Contact:   turkanis at coderage dot com
*
* Defines the class template boost::iostreams::restriction and the
* overloaded function template boost::iostreams::slice.
*
* This header is provided for platforms on which "restrict" is a keyword.
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/slice.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/external/openmp/openmp_range_algebra.hpp
```

```
[begin_description]
```

Range algebra for OpenMP.

[end\_description]

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Copyright 2013 Mario Mulansky  
Copyright 2013 Pascal Germroth

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp\_range\_algebra.hpp

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/\*!

@file

Forward declares `boost::hana::chain`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/chain.hpp

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// Copyright 2006 Olivier Gygi, Daniel Egloff. Distributed under the Boost

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_kurtosis.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/kurtosis.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/skewness.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_skewness.hpp

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/\*!

@file

Defines `boost::hana::and\_`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/and.hpp  
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/\*!  
@file  
Forward declares `boost::hana::members`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/members.hpp  
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/\*=====  
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Copyright (c) 2001-2010 Hartmut Kaiser  
<http://spirit.sourceforge.net/>  
  
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=====\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/support\_ostream\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/karma\_duplicate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/support\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/support\_utree.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/karma\_rule.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_matches.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/lex\_char\_token\_def.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/include/lex\_primitives.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_extended\_variant.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_no\_skip.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_generate\_static\_lexertl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_plain\_token.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_attributes\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/lex\_tokenize\_and\_parse\_attr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_adapt\_adt\_attributes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_grammar.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2010 Vicente J. Botet Escriba  
* Copyright 2015 Andrey Semashev  
* Copyright 2016 Jorge Lodos  
* Copyright 2017 James E. King, III  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/file\_management.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/file\_mapping.hpp  
No license file was found, but licenses were detected in source scan.

```
// Copyright 2010 Gaetano Mendola, 2011 Simon West. Distributed under the Boost
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/sum\_kahan.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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unwrap.h  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/unwrap.hpp

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/\*!

@file

Forward declares `boost::hana::Metafunction`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/metafunction.hpp

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/\*

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/\_exception.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/\_cassert.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/test.h

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/\* Boost interval/compare/possible.hpp template implementation file

\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/interval/compare/possible.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2005-2008 Hartmut Kaiser
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2014-2015 John Fletcher

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/version.hpp  
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```
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=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/flatten.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/flatten\_view/flatten\_view\_iterator.hpp  
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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Token sequence analysis and transformation helper functions

http://www.boost.org/

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_macromap\_utils.hpp  
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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/std\_array.hpp  
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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/chset.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/basic\_chset.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/chset\_operators.hpp  
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```
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* Copyright 2016, 2017 Andrey Semashev
*
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* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/pipes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/process.hpp

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```
/*
 * Copyright 2017 Andrey Semashev
 *
 * Distributed under the Boost Software License, Version 1.0.
 * See http://www.boost.org/LICENSE\_1\_0.txt
 *
 * This header is deprecated, use boost/winapi/basic_types.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/basic_types.hpp
```

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```
/*!
 @file
 Defines `boost::hana::none`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/none.hpp
```

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```
/*!
 @file
 Defines `boost::hana::length`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/length.hpp
```

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```
/*=====
Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2001-2011 Joel de Guzman
```

```
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```

====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/standard\_wide.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/karma/detail/pass\_container.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/standard.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/iso8859\_1.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/ascii.hpp

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====\*/

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic.hpp

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/\*

- [auto\_generated]
- boost/numeric/odeint/util/split\_adaptor.hpp

[begin\_description]

A range adaptor which returns even-sized slices.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/split\_adaptor.hpp

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/detail/footer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/header.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/footer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/detail/header.hpp

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/\*!

@file

Defines `boost::hana::_``.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/placeholder.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::transform`.
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/transform.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::lockstep`.
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/lockstep.hpp
```

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```
//
```

```
// ip/impl/network_v6.hpp
```

```
// ~~~~~
```

```
//
```

```
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
```

```
// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
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//
```

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```

```
//
```

```
#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP
```

```
#define BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
# pragma once
```

```
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```

#include <boost/asio/detail/config.hpp>
#include <climits>
#include <cstdio>
#include <cstdlib>
#include <stdexcept>
#include <boost/asio/error.hpp>
#include <boost/asio/detail/throw_error.hpp>
#include <boost/asio/detail/throw_exception.hpp>
#include <boost/asio/ip/network_v6.hpp>

#include <boost/asio/detail/push_options.hpp>

namespace boost {
namespace asio {
namespace ip {

network_v6::network_v6(const address_v6& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
if (prefix_len > 128)
{
std::out_of_range ex("prefix length too large");
boost::asio::detail::throw_exception(ex);
}
}

BOOST_ASIO_DECL address_v6 network_v6::network() const BOOST_ASIO_NOEXCEPT
{
address_v6::bytes_type bytes(address_.to_bytes());
for (std::size_t i = 0; i < 16; ++i)
{
if (prefix_length_ <= i * 8)
bytes[i] = 0;
else if (prefix_length_ < (i + 1) * 8)
bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
}
return address_v6(bytes, address_.scope_id());
}

address_v6_range network_v6::hosts() const BOOST_ASIO_NOEXCEPT
{
address_v6::bytes_type begin_bytes(address_.to_bytes());
address_v6::bytes_type end_bytes(address_.to_bytes());
for (std::size_t i = 0; i < 16; ++i)
{
if (prefix_length_ <= i * 8)
{

```

```

    begin_bytes[i] = 0;
    end_bytes[i] = 0xFF;
}
else if (prefix_length_ < (i + 1) * 8)
{
    begin_bytes[i] &= 0xFF00 >> (prefix_length_ % 8);
    end_bytes[i] |= 0xFF >> (prefix_length_ % 8);
}
}
return address_v6_range(
    address_v6_iterator(address_v6(begin_bytes, address_.scope_id())),
    ++address_v6_iterator(address_v6(end_bytes, address_.scope_id())));
}

```

```

bool network_v6::is_subnet_of(const network_v6& other) const
{
    if (other.prefix_length_ >= prefix_length_)
        return false; // Only real subsets are allowed.
    const network_v6 me(address_, other.prefix_length_);
    return other.canonical() == me.canonical();
}

```

```

std::string network_v6::to_string() const
{
    boost::system::error_code ec;
    std::string addr = to_string(ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

```

```

std::string network_v6::to_string(boost::system::error_code& ec) const
{
    using namespace std; // For sprintf.
    ec = boost::system::error_code();
    char prefix_len[16];
    #if defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
    #else // defined(BOOST_ASIO_HAS_SECURE_RTL)
    sprintf(prefix_len, "%u", prefix_length_);
    #endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
    return address_.to_string() + prefix_len;
}

```

```

network_v6 make_network_v6(const char* str)
{
    return make_network_v6(std::string(str));
}

```

```

network_v6 make_network_v6(const char* str, boost::system::error_code& ec)
{
    return make_network_v6(std::string(str), ec);
}

network_v6 make_network_v6(const std::string& str)
{
    boost::system::error_code ec;
    network_v6 net = make_network_v6(str, ec);
    boost::asio::detail::throw_error(ec);
    return net;
}

network_v6 make_network_v6(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

    if (pos == std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    if (pos == str.size() - 1)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
    if (end != std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }

    const address_v6 addr = make_address_v6(str.substr(0, pos), ec);
    if (ec)
        return network_v6();

    const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
    if (prefix_len < 0 || prefix_len > 128)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v6();
    }
}

```

```

return network_v6(addr, static_cast<unsigned short>(prefix_len));
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

network_v6 make_network_v6(string_view str)
{
return make_network_v6(static_cast<std::string>(str));
}

network_v6 make_network_v6(string_view str,
boost::system::error_code& ec)
{
return make_network_v6(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

} // namespace ip
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_IP_IMPL_NETWORK_V6_IPP

```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/asio/ip/impl/network_v6.hpp
```

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/\* iostream specialisations for result and outcome

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File Created: July 2017

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/iostream\_support.hpp

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/\*!

@file

Defines `boost::hana::for\_each`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/for\_each.hpp

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/\*!

@file

Forward declares `boost::hana::while\_`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/while.hpp

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/\*!

@file

Defines `boost::hana::remove\_range` and `boost::hana::remove\_range\_c`.

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zip/1.75.0/include/boost/hana/remove\_range.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/is\_partitioned\_until.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/import\_export.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_backend.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_byte\_container.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_back.hpp

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```
/*
 * Copyright 2017 Andrey Semashev
 *
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 *
 * This header is deprecated, use boost/winapi/wait.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/wait.hpp
```

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```
/* *****
# *
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# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE\_1\_0.txt) *
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/seq/detail/binary_transform.hpp
```

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```
/* Failure observers for outcome type
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (7 commits)
File Created: Oct 2017
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_outcome\_failure\_observers.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/cstdfloat.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_types.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_complex\_std.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_cmath.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_complex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_istream.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/math/cstdfloat/cstdfloat\_limits.hpp

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@file

Forward declares `boost::hana::mod`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/mod.hpp

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@file

Defines the barebones `boost::hana::integral\_constant` template, but no operations on it.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_spirit.hpp

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/\*

@file add\_noexcept

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_noexcept.hpp

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Revision history:

28 Sep 2015 mtc First version

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/sort\_subrange.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array.hpp

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@file

Forward declares `boost::hana::index_if`.

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zip/1.75.0/include/boost/hana/fwd/index\_if.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate.hpp

[begin\_description]

Convenience methods which choose the stepper for the current ODE.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/lock\_pool.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/platform\_detected.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/comp\_detected.h

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@file

Defines `boost::hana::fold_left`.`

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fold\_left.hpp

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@file

Defines `boost::hana::zip\_shortest`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/zip\_shortest.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_current\_process.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process.hpp

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/\* Policies for result and outcome

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (8 commits)

File Created: Oct 2017

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/result\_error\_code\_throw\_as\_system\_error.hpp  
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```
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  limit.h
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  file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/limit.hpp  
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```
/* boost random/uniform_int_distribution.hpp header file
*
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* Copyright Steven Watanabe 2011
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-04-08 added min<max assertion (N. Becker)
```

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_int\_distribution.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_ppc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_aarch32\_common.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_freebsd\_umtx.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_aarch64.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_arm.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/memory\_order\_utils.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/ipc\_atomic\_ref.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_operations.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_dragonfly\_umtx.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_windows.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_operations.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_dragonfly\_umtx.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/ipc\_atomic.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_aarch64.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_gcc\_sync.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/type\_traits/alignment\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_windows.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_capabilities.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_futex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_operations\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/classify.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_msvc\_arm.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_operations\_emulated\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/ipc\_atomic\_flag.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/atomic\_ref\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_gcc\_atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_aarch64.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_x86.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_operations\_emulated.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_aarch64\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_operations\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_operations.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/atomic\_ref.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_operations.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_emulated.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/once\_flag.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/wait\_ops\_windows.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_caps\_futex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_aarch32.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_generic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/wait\_ops\_freebsd\_umtx.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_msvc\_x86.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_alpha.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/futex.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/gcc\_atomic\_memory\_order\_utils.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/intptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_arch\_ops\_gcc\_sparc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/aligned\_variable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_aarch64.hpp  
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\*  
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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_x86.hpp  
No license file was found, but licenses were detected in source scan.

/\*\*  
\* \file size.hpp  
\*  
\* \brief The family of \c size operations.  
\*  
\* Copyright (c) 2009-2010, Marco Guazzone

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* \author Marco Guazzone, marco.guazzone@gmail.com  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/size.hpp

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```
/*=====
Copyright (c) 2015 Paul Fultz II
static_const_var.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/static\_const\_var.hpp

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// (C) Copyright Ion Gaztanaga 2007-2013. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/auto\_link.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/allocator.hpp

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/\*!

@file

Forward declares `boost::hana::make`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/make.hpp

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```
/*!  
@file  
Defines `boost::hana::all_of`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0/zip/1.75.0/include/boost/hana/all\_of.hpp

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```
/* *****  
# *  
# * (C) Copyright Edward Diener 2020. *  
# * Distributed under the Boost Software License, Version 1.0. (See *  
# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE\_1\_0.txt) *  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_maximum\_number.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_1\_number.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/maximum\_number.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/arithmetic/detail/is\_minimum\_number.hpp

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```
/*!  
@file  
Defines `boost::hana::ordering`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ordering.hpp

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```
/*!
```

@file

Defines `boost::hana::chain`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/chain.hpp

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/\* boost random/detail/sobol\_table.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/detail/sobol\_table.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/atomic\_flag.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/atomic.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/atomic\_flag\_impl.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/std\_array/detail/array\_size.hpp

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/\*!

@file

Forward declares `boost::hana::then`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/then.hpp

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/\*!

@file

Defines `boost::hana::to` and related utilities.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/to.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

[begin\_description]

Integration of n steps with constant time size. Adaptive and dense-output methods are fully supported.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_n\_steps.hpp

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Defines `boost::hana::ap`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ap.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/default\_callable\_traits.hpp

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/\*!

@file

Defines `boost::hana::mod`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/mod.hpp

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@file

Forward declares `boost::hana::is\_disjoint`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/is\_disjoint.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/find\_backward.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/find\_not.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/detail/integrate\_times.hpp

[begin\_description]

Default integrate times implementation.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/integrate\_times.hpp



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For more information, see <http://www.boost.org>

Based on the StringRef implementation in LLVM (<http://llvm.org>) and N3422 by Jeffrey Yasskin

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3442.html>

Updated July 2015 to reflect the Library Fundamentals TS

<http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2015/n4480.html>

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/utility/string\_view\_fwd.hpp

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@file

Forward declares `boost::hana::product`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/product.hpp

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@file

Forward declares `boost::hana::monadic\_compose`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/monadic\_compose.hpp

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zip/1.75.0/include/boost/interprocess/sync/spin/wait.hpp

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@file

Defines `boost::hana::detail::CanonicalConstant``.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/canonical\_constant.hpp

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/\*!

@file

Forward declares `boost::hana::to`` and related utilities.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/to.hpp

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\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/pause.hpp

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```
/*  
[auto_generated]  
boost/numeric/odeint/external/openmp/openmp_nested_algebra.hpp
```

```
[begin_description]  
Nested parallelized algebra for OpenMP.  
[end_description]
```

```
Copyright 2013 Karsten Ahnert  
Copyright 2013 Mario Mulansky  
Copyright 2013 Pascal Germroth
```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/openmp/openmp_nested_algebra.hpp  
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```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/cloudabi.h  
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```

```
/*!  
@file  
Forward declares `boost::hana::mult`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/mult.hpp  
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```

```
/*!  
@file  
Forward declares `boost::hana::drop_front_exactly`.  
  
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop_front_exactly.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/implicit_euler.hpp  
  
[begin_description]  
Impementation of the implicit Euler method. Works with ublas::vector as state type.  
[end_description]
```

```
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Copyright 2012 Christoph Koke  
  
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copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/implicit_euler.hpp  
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```

```
/*=====
```

```
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Copyright (c) 2013 Agustin Berge  
  
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/skip.hpp
```

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/\*!

@file

Forward declares `boost::hana::keys`.

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zip/1.75.0/include/boost/hana/fwd/keys.hpp

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/auto\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/function\_collection\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/callable\_wrapper\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/any\_iterator.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/matches.hpp

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Defines `boost::hana::reverse`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/reverse.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/interprocess/sync/detail/common\_algorithms.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/throw\_exception.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/detail/allocator\_version\_traits.hpp

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Includes all the adaptors for external Boost libraries.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/move/algo/detail/pdqsort.hpp

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```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_50.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_20.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_20.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_50.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_30.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_40.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_10.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_40.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_predefined_30.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/argument_no_predefined_10.hpp
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```

```
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/numeric_traits.hpp
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```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
Definition of the various language support constants
=====*/
```

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/is\_nullary.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/meta\_grammar.hpp

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decorate.h

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/decorate.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_algebra\_dispatcher.hpp

[begin\_description]

algebra\_dispatcher specialization for thrust

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_algebra\_dispatcher.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/convert\_impl.hpp

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/\*!

@file

Defines `boost::hana::detail::index\_if`.

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@copyright Jason Rice 2017

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/index\_if.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/algebra/default\_operations.hpp

[begin\_description]

Default operations. They work with the default numerical types, like float, double, complex< double> ...

[end\_description]

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/default\_operations.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/container\_fwd.hpp

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/\*!

@file

Defines `boost::hana::range`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/range.hpp

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/\*!

@file

Defines `boost::hana::map`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/map.hpp

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```
/*!  
@file  
Defines `boost::hana::monadic_compose`.  
  
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/monadic_compose.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
[auto_generated]  
boost/numeric/odeint/iterator/adaptive_time_iterator.hpp
```

```
[begin_description]  
Iterator for iterating throught the solution of an ODE with adaptive step size. The dereferenced types contains also  
the time.  
[end_description]
```

```
Copyright 2012-2013 Karsten Ahnert  
Copyright 2012-2013 Mario Mulansky
```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/adaptive_time_iterator.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
Copyright (c) 2001-2010 Joel de Guzman
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
Copyright (c) 1998-2003 Joel de Guzman
Copyright (c) 2003 Vaclav Vesely
http://spirit.sourceforge.net/
```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/no\_actions.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/distinct.hpp

No license file was found, but licenses were detected in source scan.

```
/* Copyright 2003-2017 Joaquin M Lopez Munoz.
```

```
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```

```
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```

```
* http://www.boost.org/LICENSE\_1\_0.txt
```

```
*
```

```
* See http://www.boost.org/libs/multi\_index for library home page.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/promotes\_arg.hpp

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/adams_moulton.hpp
```

```
[begin_description]
```

Implementation of the Adams-Moulton method. This is method is not a real stepper, it is more a helper class which computes the corrector step in the Adams-Bashforth-Moulton method.

```
[end_description]
```

```
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```

```
Copyright 2011-2013 Mario Mulansky
```

```
Copyright 2012 Christoph Koke
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adams\_moulton.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Boost interval/detail/x86_rounding_control.hpp file
*
* Copyright 2000 Jens Maurer
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/x86\_rounding\_control.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/stepper/symplectic_rkn_sb3a_mclachlan.hpp

[begin_description]
Implementation of the symplectic MacLachlan stepper for separable Hamiltonian system.
[end_description]
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_mclachlan.hpp  
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```
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```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/bitmask.hpp  
No license file was found, but licenses were detected in source scan.

```
/* boost random/poisson_distribution.hpp header file
```

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/poisson\_distribution.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/thread\_mutex.hpp  
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\* file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt).)  
\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/filter/grep.hpp  
\* Date: Mon May 26 17:48:45 MDT 2008  
\* Copyright: 2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com  
\*  
\* Defines the class template basic\_grep\_filter and its specializations  
\* grep\_filter and wgrep\_filter.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/filter/grep.hpp  
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/\*

[auto\_generated]  
boost/numeric/odeint/algebra/fusion\_algebra\_dispatcher.hpp

[begin\_description]  
tba.  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/fusion\_algebra\_dispatcher.hpp  
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/\*

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\*  
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\* See [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt)  
\*  
\* This header is deprecated, use boost/winapi/process.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/process.hpp  
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/\*!

@file  
Forward declares `boost::hana::sum`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/sum.hpp  
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```
/*=====
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This is an auto-generated file. Do not edit!
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector10_fwd.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector30_fwd.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector20_fwd.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector50_fwd.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector40_fwd.hpp
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```

```
/* boost random/beta_distribution.hpp header file
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/beta_distribution.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Exception types throwable
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (9 commits)
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/bad\_access.hpp

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/\* Boost interval/compare/explicit.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/interval/compare/explicit.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/erase\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/push\_front\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/push\_back\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/insert\_key\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/increment\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/swap\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/assign\_key\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_value\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/decrement\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/clear\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/assign\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_const\_ref\_const\_ref\_a.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/spin/interprocess\_barrier.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/detail/bad\_weak\_ptr.hpp  
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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/tst\_map.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_class\_tags.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/no\_case\_string\_parse.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_set.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/proxy.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/utf8.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eps.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_parser.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/core/skip\_over.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/int.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/rule.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/any\_char.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/string\_parse.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/ast/variant.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/unicode.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/numeric/real.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/literal\_char.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char\_class.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/char.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/string/detail/tst.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/no_case.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/string/literal_string.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/debug_handler_state.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/string.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/char/negated_char_parser.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/numeric.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/string/tst.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/operator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/core.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/rule.hpp
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```

```
/* Boost interval/compare/tribool.hpp template implementation file
*
* Copyright 2002-2003 Guillaume Melquiond
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/interval/compare/tribool.hpp
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```

```
/*
[auto_generated]
boost/numeric/odeint/iterator/const_step_time_iterator.hpp
```

```
[begin_description]
```

Iterator for iterating through the solution of an ODE with constant step size. The dereferences types contains also the time.

```
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/const\_step\_time\_iterator.hpp

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@file

Defines `BOOST\_HANA\_DISPATCH\_IF`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/dispatch\_if.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/is\_actor.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/nothing.hpp

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse_fold.hpp  
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::is_a` and `boost::hana::is_an`.
```

```
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```

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```

```
*/
```

Found in path(s):

```
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zip/1.75.0/include/boost/hana/core/is_a.hpp  
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```

```
//
```

```
// ip/impl/network_v4.hpp
```

```
// ~~~~~
```

```
//
```

```
// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)
```

```
// Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
```

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//
```

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```

```
//
```

```
#ifndef BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
```

```
#define BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP
```

```
#if defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
# pragma once
```

```
#endif // defined(_MSC_VER) && (_MSC_VER >= 1200)
```

```
#include <boost/asio/detail/config.hpp>
```

```
#include <climits>
```

```
#include <cstdio>
```

```
#include <cstdlib>
```

```
#include <stdexcept>
```

```
#include <boost/asio/error.hpp>
```

```
#include <boost/asio/detail/throw_error.hpp>
```

```
#include <boost/asio/detail/throw_exception.hpp>
```

```
#include <boost/asio/ip/network_v4.hpp>
```

```
#include <boost/asio/detail/push_options.hpp>
```

```

namespace boost {
namespace asio {
namespace ip {

network_v4::network_v4(const address_v4& addr, unsigned short prefix_len)
: address_(addr),
  prefix_length_(prefix_len)
{
if (prefix_len > 32)
{
std::out_of_range ex("prefix length too large");
boost::asio::detail::throw_exception(ex);
}
}

network_v4::network_v4(const address_v4& addr, const address_v4& mask)
: address_(addr),
  prefix_length_(0)
{
address_v4::bytes_type mask_bytes = mask.to_bytes();
bool finished = false;
for (std::size_t i = 0; i < mask_bytes.size(); ++i)
{
if (finished)
{
if (mask_bytes[i])
{
std::invalid_argument ex("non-contiguous netmask");
boost::asio::detail::throw_exception(ex);
}
continue;
}
else
{
switch (mask_bytes[i])
{
case 255:
prefix_length_ += 8;
break;
case 254: // prefix_length_ += 7
prefix_length_ += 1;
case 252: // prefix_length_ += 6
prefix_length_ += 1;
case 248: // prefix_length_ += 5
prefix_length_ += 1;
case 240: // prefix_length_ += 4
prefix_length_ += 1;

```

```

    case 224: // prefix_length_ += 3
        prefix_length_ += 1;
    case 192: // prefix_length_ += 2
        prefix_length_ += 1;
    case 128: // prefix_length_ += 1
        prefix_length_ += 1;
    case 0: // nbits += 0
        finished = true;
        break;
    default:
        std::out_of_range ex("non-contiguous netmask");
        boost::asio::detail::throw_exception(ex);
    }
}
}
}

address_v4 network_v4::netmask() const BOOST_ASIO_NOEXCEPT
{
    uint32_t nmbits = 0xffffffff;
    if (prefix_length_ == 0)
        nmbits = 0;
    else
        nmbits = nmbits << (32 - prefix_length_);
    return address_v4(nmbits);
}

address_v4_range network_v4::hosts() const BOOST_ASIO_NOEXCEPT
{
    return is_host()
        ? address_v4_range(address_, address_v4(address_.to_uint() + 1))
        : address_v4_range(address_v4(network().to_uint() + 1), broadcast());
}

bool network_v4::is_subnet_of(const network_v4& other) const
{
    if (other.prefix_length_ >= prefix_length_)
        return false; // Only real subsets are allowed.
    const network_v4 me(address_, other.prefix_length_);
    return other.canonical() == me.canonical();
}

std::string network_v4::to_string() const
{
    boost::system::error_code ec;
    std::string addr = to_string(ec);
    boost::asio::detail::throw_error(ec);
    return addr;
}

```

```

}

std::string network_v4::to_string(boost::system::error_code& ec) const
{
    using namespace std; // For sprintf.
    ec = boost::system::error_code();
    char prefix_len[16];
    #if defined(BOOST_ASIO_HAS_SECURE_RTL)
        sprintf_s(prefix_len, sizeof(prefix_len), "%u", prefix_length_);
    #else // defined(BOOST_ASIO_HAS_SECURE_RTL)
        sprintf(prefix_len, "%u", prefix_length_);
    #endif // defined(BOOST_ASIO_HAS_SECURE_RTL)
    return address_.to_string() + prefix_len;
}

network_v4 make_network_v4(const char* str)
{
    return make_network_v4(std::string(str));
}

network_v4 make_network_v4(const char* str, boost::system::error_code& ec)
{
    return make_network_v4(std::string(str), ec);
}

network_v4 make_network_v4(const std::string& str)
{
    boost::system::error_code ec;
    network_v4 net = make_network_v4(str, ec);
    boost::asio::detail::throw_error(ec);
    return net;
}

network_v4 make_network_v4(const std::string& str,
    boost::system::error_code& ec)
{
    std::string::size_type pos = str.find_first_of("/");

    if (pos == std::string::npos)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }

    if (pos == str.size() - 1)
    {
        ec = boost::asio::error::invalid_argument;
        return network_v4();
    }
}

```

```

}

std::string::size_type end = str.find_first_not_of("0123456789", pos + 1);
if (end != std::string::npos)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

const address_v4 addr = make_address_v4(str.substr(0, pos), ec);
if (ec)
    return network_v4();

const int prefix_len = std::atoi(str.substr(pos + 1).c_str());
if (prefix_len < 0 || prefix_len > 32)
{
    ec = boost::asio::error::invalid_argument;
    return network_v4();
}

return network_v4(addr, static_cast<unsigned short>(prefix_len));
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

network_v4 make_network_v4(string_view str)
{
    return make_network_v4(static_cast<std::string>(str));
}

network_v4 make_network_v4(string_view str,
    boost::system::error_code& ec)
{
    return make_network_v4(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

} // namespace ip
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_IP_IMPL_NETWORK_V4_IPP

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/asio/ip/impl/network\_v4.hpp  
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zip/1.75.0/include/boost/winapi/debugapi.hpp  
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/\*

[auto\_generated]

boost/numeric/odeint/util/split.hpp

[begin\_description]

Split abstraction for parallel backends.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/util/split.hpp  
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result\_type.hpp

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zip/1.75.0/include/boost/hof/detail/result\_type.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/support/subrule\_context.hpp

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first\_of.h

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/first\_of.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf.hpp

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```
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=====*/
```

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zip/1.75.0/include/boost/fusion/container/map/map\_iterator.hpp

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*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/handle\_info.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/jobs.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/overlapped.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_system\_directory.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/environment.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/shell.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/show\_window.hpp

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*/
```

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zip/1.75.0/include/boost/winapi/basic\_types.hpp

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```
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*/
```

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_system.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_uwp.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/platform/windows\_server.h

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```
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=====*/
```

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/Phoenix/core/actor.hpp

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```
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# *
# ***** */
```

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/detail/is\_binary.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/limits/split\_1024.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/preprocessor/iteration.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/enum\_shifted\_params.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/detail/split.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/self.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/limits/rlocal\_512.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/fold\_left\_256.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/reverse.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/rest\_n.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_512.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/reverse1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/array/replace.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/slot4.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/fold\_left.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iterate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/expand.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/for\_each\_product.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_1024.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3\_256.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/forward2.hpp  
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zip/1.75.0/include/boost/preprocessor/seq/elem.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/limits/intercept\_256.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/reverse5.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/intercept.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/fold\_right\_512.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/lower3.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/slot/detail/shared.hpp  
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zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse1\_1024.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/limits/elem\_512.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/for.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/logical/bitnor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/punctuation/paren\_if.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/remove.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/preprocessor/slot/detail/def.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/detail/check.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/control/iif.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/enum.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward4_256.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/seq/to_array.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward2_256.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/array/pop_back.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/seq/first_n.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/upper1.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse5_256.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/wstringize.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/iteration/detail/bounds/lower5.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/seq/limits/fold_right_1024.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/repetition/deduce_z.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/repeat_from_to_2nd.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::while_`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/while.hpp
```

```
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```

/\* Essentially an internal optional implementation :)  
(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (24 commits)  
File Created: June 2017

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/value\_storage.hpp

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/\* boost random/triangle\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/triangle\_distribution.hpp

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/\* boost random/additive\_combine.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/additive\_combine.hpp

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/\* Boost interval/detail/sparc\_rounding\_control.hpp file

\*

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*

\* The basic code in this file was kindly provided by Jeremy Siek.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/sparc\_rounding\_control.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/controlled\_step\_result.hpp

[begin\_description]

Defines the result type for all controlled stepper.

[end\_description]

Copyright 2011-2013 Karsten Ahnert

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/controlled\_step\_result.hpp

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/\*\*

\* -\*- c++ -\*-

\*

\* \file c\_array.hpp

\*

\* \brief provides specializations of matrix and vector operations for c arrays and c matrices.

\*

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\*

\* \author Gunter Winkler (guwi17 at gmx dot de)

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/operation/c\_array.hpp

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/any\_collection\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/iterator\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_nothrow\_eq\_comparable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/exception.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/type\_restitution.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_acceptable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_final.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/base\_collection\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_invocable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/function\_collection.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment\_split.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/callable\_wrapper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/iterator\_traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/any\_collection.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/is\_constructible.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/base\_collection.hpp

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```
/* boost random/subtract_with_carry.hpp header file
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*
* $Id$
*
* Revision history
* 2002-03-02 created
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/subtract\_with\_carry.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_current\_process\_id.hpp instead.

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_current\_process\_id.hpp

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DO NOT INCLUDE THIS HEADER DIRECTLY

BOOST\_CLBL\_TRTS\_INCLUDE\_QUALIFIERS - the function-level qualifiers for the  
current inclusion (combinations of `const` `volatile` `&` `&&`, or nothing)

BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for  
the current include (`transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when  
BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for  
the current include (`noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`,  
tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if

BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_4.hpp

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@file

Documents the `BOOST\_HANA\_DEFINE\_STRUCT` macro.

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Forward declares `boost::hana::Hashable`.

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Defines `boost::hana::drop\_back`.

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/\* boost random/mersenne\_twister.hpp header file

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\*

\* \$Id\$

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\* Revision history

\* 2013-10-14 fixed some warnings with Wshadow (mgaunard)

\* 2001-02-18 moved to individual header files

\*/

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Defines `boost::hana::partition`.

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Defines `boost::hana::integral\_constant`.

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Forward declares `boost::hana::union\_`.

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Defines `boost::hana::demux`.

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Defines `boost::hana::replace`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/preprocessed/as\_deque10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/cpp03/preprocessed/set\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/detail/preprocessed/tuple20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/preprocessed/vector\_chooser30.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map50\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list\_to\_cons20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/preprocessed/map40\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/cpp03/preprocessed/list\_to\_cons10.hpp  
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@file

Defines `boost::hana::curry`.

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zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eol.hpp

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zip/1.75.0/include/boost/spirit/home/x3/nonterminal/simple\_trace.hpp

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zip/1.75.0/include/boost/spirit/home/x3/auxiliary/eoi.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/unused.hpp

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noexcept.hpp

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/\* Boost interval/compare/set.hpp template implementation file

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/classic/core/composite/optional.hpp

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zip/1.75.0/include/boost/spirit/home/classic/core/composite/sequence.hpp

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zip/1.75.0/include/boost/spirit/home/classic/core/composite/kleene\_star.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/alternative.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/composite/list.hpp  
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zip/1.75.0/include/boost/spirit/home/qi/directive/encoding.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/hold.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/operator/sequential\_or.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/x3/support/utility/annotate\_on\_success.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/detail/utree\_detail2.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/operators.hpp  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/next\_impl.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/integrate/integrate.hpp

[begin_description]
Convenience methods which choose the stepper for the current ODE.
[end_description]
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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```

// Do NOT include directly!
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template <typename T0>
element_type * construct(T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

template <typename T0>
element_type * construct(const T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

template <typename T0>
element_type * construct(volatile T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

template <typename T0>
element_type * construct(const volatile T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

template <typename T0, typename T1>
element_type * construct(T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)

```

```

    return ret;
try { new (ret) element_type(a0, a1); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, T1 & a1)
{
    element_type * const ret = (malloc());
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element_type * construct(T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
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element_type * construct(T0 & a0, T1 & a1, T2 & a2)
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}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }

```

```

catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const T1 & a1, const volatile T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, const volatile T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const T1 & a1, const volatile T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const T1 & a1, const volatile T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)
return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, volatile T1 & a1, const volatile T2 & a2)
{
element_type * const ret = (malloc());
if (ret == 0)

```

```

    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(T0 & a0, const volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const volatile T1 & a1, const volatile T2 & a2)
{

```

```

element_type * const ret = (malloc());
if (ret == 0)
    return ret;
try { new (ret) element_type(a0, a1, a2); }
catch (...) { (free)(ret); throw; }
return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(volatile T0 & a0, const volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const volatile T0 & a0, const volatile T1 & a1, const volatile T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/pool/detail/pool\_construct.ipp

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/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file

\*

\* This header provides a rounding control policy  
\* that avoids flushing results to memory. In  
\* order for this optimization to be reliable, it  
\* should be used only when no underflow or  
\* overflow would happen without it. Indeed, only  
\* values in range are correctly rounded.

\*

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/ext/x86\_fast\_rounding\_control.hpp  
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/\*!

@file

Defines `boost::hana::fold`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fold.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/parser\_context.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/subrule.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/traverse.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta/as\_parser.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure\_context.hpp  
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zip/1.75.0/include/boost/winapi/stack\_backtrace.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/lazy.hpp

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```
/*!
@file
Forward declares `boost::hana::Logical`.

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*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/logical.hpp

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```
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_30.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr\_50.hpp

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@file

Forward declares `boost::hana::at` and `boost::hana::at\_c`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/at.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_same\_instance.hpp

[begin\_description]

Check if two VexCL containers are the same instance.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_same\_instance.hpp

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\*

\* This header is deprecated, use boost/winapi/dll.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/detail/winapi/dll.hpp

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@file

Defines `boost::hana::zip\_with`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

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=====  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/list/detail/empty\_impl.hpp

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@file

Defines concepts from the Standard library.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/detail/concepts.hpp

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/ppc/versions.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86\_amd/versions.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/arm.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/ppc.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86\_amd.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86/versions.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/x86.h
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/hardware/simd/arm/versions.h

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lambda.h

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/lambda.hpp

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@file

Defines `boost::hana::intersperse`.

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@file

Defines `boost::hana::Constant`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/proxy\_type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_struct\_named.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_struct\_named.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_struct.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/is\_sequence\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_adt\_named.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/reverse\_iter\_fold.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/adapt\_assoc\_adt\_named.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/unfused.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/deref\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/value\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/iter\_fold.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/array/size\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_assoc\_adt\_named.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/define\_assoc\_struct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/boost\_array.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/define\_struct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/reverse\_fold.hpp

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zip/1.75.0/include/boost/container/stable\_vector.hpp

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/\* Try operation macros

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/flyweight/detail/archive\_constructed.hpp

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```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/iterator/const_step_iterator.hpp
```

```
[begin_description]
```

```
Iterator for iterating through the solution of an ODE with constant step size.
```

```
[end_description]
```

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```
/*!
@file
Defines `boost::hana::at_key`.

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@file

Defines `boost::hana::back`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/back.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/out.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/in.hpp

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[auto\_generated]

boost/numeric/odeint/algebra/array\_algebra.hpp

[begin\_description]

Algebra for Arrays. Highly specialized for odeint. Const arguments are  
introduce to work with odeint.

The Array algebra can be used for Array structures with two template  
parameters:

Array<T, N>

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/array\_algebra.hpp

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@file

Defines `boost::hana::capture`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/capture.hpp

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/\* A less simple result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: June 2017

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/std\_outcome.hpp

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@file

Defines `boost::hana::take\_while`.

@copyright Louis Dionne 2013-2017

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/take\_while.hpp

No license file was found, but licenses were detected in source scan.

```
/*-----  
Copyright (c) 2001-2011 Joel de Guzman  
Copyright (c) 2011 Jan Frederick Eick  
  
Distributed under the Boost Software License, Version 1.0. (See accompanying  
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
-----*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/numeric_utils.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
*  
@Copyright Barrett Adair 2015-2017
```

```
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable_traits/is_volatile_member.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* boost random/detail/niederreiter_base2_table.hpp header file  
*  
* Copyright Justinas Vygintas Daugmaudis 2010-2018  
* Distributed under the Boost Software License, Version 1.0. (See  
* accompanying file LICENSE_1_0.txt or copy at  
* http://www.boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/niederreiter_base2_table.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*  
Copyright 2002 Daryle Walker
```

```
Distributed under the Boost Software License, Version 1.0.  
(http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/io\_fwd.hpp

No license file was found, but licenses were detected in source scan.

/\* boost/random/linear\_congruential.hpp header file

\*

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\* accompanying file LICENSE\_1\_0.txt or copy at

\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 moved to individual header files

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/linear\_congruential.hpp

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/\*

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[http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/version.h

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/\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*

\* Copyright (c) 2017 - 2018 Andrey Semashev

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_arm.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/atomic/detail/extra\_ops\_gcc\_ppc.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2003 Joel de Guzman
Copyright (c) 2002-2003 Martin Wille
Copyright (c) 2003 Hartmut Kaiser
http://spirit.sourceforge.net/

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/grammar.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2011-2012 Thomas Bernard

Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/home/qi/operator/keywords.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::basic_tuple`.

@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/basic\_tuple.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2005-2006 Dan Marsden
```

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=====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/adapted.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/deque.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/support/tag\_of\_fwd.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/adapted/mpl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/list/detail/convert\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/convert\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/adapted/mpl/detail/empty\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/set/detail/convert\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/container/vector/detail/convert\_impl.hpp

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/\*=====

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is\_unpackable.hpp

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=====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/is\_unpackable.hpp

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// Copyright 2006 Daniel Egloff, Olivier Gygi. Distributed under the Boost

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/accumulators/statistics/density.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/accumulators/statistics/weighted\_tail\_quantile.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/accumulators/statistics/tail\_variate\_means.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/accumulators/statistics/peaks\_over\_threshold.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_density.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_p_square_cumul_dist.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/pot_tail_mean.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/tail_mean.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/pot_quantile.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/tail_quantile.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_covariance.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_tail_mean.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_peaks_over_threshold.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/covariance.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/weighted_tail_variate_means.hpp
No license file was found, but licenses were detected in source scan.
```

```
/* Copyright 2016-2019 Joaquin M Lopez Munoz.
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org/libs/poly\_collection for library home page.
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/poly_collection/detail/stride_iterator.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::zip_shortest_with`.

@copyright Louis Dionne 2013-2017
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/hana/fwd/zip\_shortest\_with.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::unique`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/unique.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2014 Paul Fultz II  
static.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/static.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/make\_unfused.hpp  
No license file was found, but licenses were detected in source scan.

// (C) David Abrahams 2002. Distributed under the Boost

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/limits.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file
```

Forward declares `boost::hana::lift`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/lift.hpp

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/\*=====

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

Autogenerated by MultiStageTable.py (Unicode multi-stage  
table builder) (c) Peter Kankowski, 2008

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/char\_encoding/unicode/query.hpp

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/\*=====

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Copyright (c) 2011 Bryce Lelbach

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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/int.hpp

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/\*!

@file

Defines `boost::hana::drop\_front`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/drop\_front.hpp

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```
/*=====
Copyright (c) 2016 Paul Fultz II
recursive_constexpr_depth.hpp
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/recursive\_constexpr\_depth.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::create`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/create.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::count_if`.
```

```
@copyright Louis Dionne 2013-2017
```

```
Distributed under the Boost Software License, Version 1.0.
```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/count\_if.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Forward declares `boost::hana::range`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/range.hpp

No license file was found, but licenses were detected in source scan.

/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/polyfills/disjunction.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/is\_pair.hpp

[begin\_description]

Metafunction to determine if a type is a `std::pair<>`.

[end\_description]

Copyright 2011 Karsten Ahnert

Copyright 2011 Mario Mulansky

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/is\_pair.hpp

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////////1////////2////////3////////4////////5////////6////////7////////8

// text\_iarchive\_impl.hpp:

```
// (C) Copyright 2002 Robert Ramey - http://www.rrsd.com .
// Distributed under the Boost Software License, Version 1.0. (See
// accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)
```

```
// See http://www.boost.org for updates, documentation, and revision history.
```

```
////////////////////////////////////
// implementation of basic_text_iprimitive overrides for the combination
// of template parameters used to implement a text_iprimitive
```

```
#include <cstddef> // size_t, NULL
#include <boost/config.hpp>
#if defined(BOOST_NO_STDC_NAMESPACE)
namespace std{
    using ::size_t;
} // namespace std
#endif
```

```
#include <boost/detail/workaround.hpp> // RogueWave
```

```
#include <boost/archive/text_iarchive.hpp>
```

```
namespace boost {
namespace archive {
```

```
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(char *s)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    // Works on all tested platforms
    is.read(s, size);
    s[size] = '\0';
}
```

```
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(std::string &s)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
```

```

// borland de-allocator fixup
#if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
if(NULL != s.data())
#endif
    s.resize(size);
if(0 < size)
    is.read(&(*s.begin()), size);
}

#ifndef BOOST_NO_CWCHAR
#ifndef BOOST_NO_INTRINSIC_WCHAR_T
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(wchar_t *ws)
{
    std::size_t size;
    * this->This() >> size;
    // skip separating space
    is.get();
    is.read((char *)ws, size * sizeof(wchar_t)/sizeof(char));
    ws[size] = L'\0';
}
#endif // BOOST_NO_INTRINSIC_WCHAR_T

#ifndef BOOST_NO_STD_WSTRING
template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load(std::wstring &ws)
{
    std::size_t size;
    * this->This() >> size;
    // borland de-allocator fixup
#if BOOST_WORKAROUND(_RWSTD_VER, BOOST_TESTED_AT(20101))
if(NULL != ws.data())
#endif
    ws.resize(size);
    // skip separating space
    is.get();
    is.read((char *)ws.data(), size * sizeof(wchar_t)/sizeof(char));
}

#endif // BOOST_NO_STD_WSTRING
#endif // BOOST_NO_CWCHAR

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::load_override(class_name_type & t){
    basic_text_iarchive<Archive>::load_override(t);
}

```

```

}

template<class Archive>
BOOST_ARCHIVE_DECL void
text_iarchive_impl<Archive>::init(){
    basic_text_iarchive<Archive>::init();
}

template<class Archive>
BOOST_ARCHIVE_DECL
text_iarchive_impl<Archive>::text_iarchive_impl(
    std::istream & is,
    unsigned int flags
):
    basic_text_iprimitive<std::istream>(
        is,
        0 != (flags & no_codecvt)
    ),
    basic_text_iarchive<Archive>(flags)
{}

} // namespace archive
} // namespace boost

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/impl/text\_iarchive\_impl.ipp

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```

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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/platform.hpp

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```

/*
[auto_generated]
boost/numeric/odeint/algebra/operations_dispatcher.hpp

```

```

[begin_description]

```

Operations dispatcher to automatically chose suitable operations.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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/\* boost random/discrete\_distribution.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/accumulators/statistics/p\_square\_cumul\_dist.hpp

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/\* Boost interval/io.hpp header file

\*

\* This file is only meant to provide a quick

\* implementation of the output operator. It is

\* provided for test programs that aren't even

\* interested in the precision of the results.

\* A real program should define its own operators

\* and never include this header.

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zip/1.75.0/include/boost/spirit/home/support/iterators/multi\_pass\_fwd.hpp

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@file

Adapts `boost::fusion::vector`` for use with Hana.

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@file

Forward declares `boost::hana::not_equal``.

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\*

\* This header is deprecated, use boost/winapi/critical\_section.hpp instead.

\*/

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zip/1.75.0/include/boost/signals2/detail/unique\_lock.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/optional\_last\_value.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/detail/foreign\_ptr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/dummy\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/signals2/detail/null\_output\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/python/object\_call.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/python/detail/make\_tuple.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/mtl4/mtl4\_algebra\_dispatcher.hpp

[begin\_description]

specialization of the algebra dispatcher for mtl4

[end\_description]

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/\* Boost interval/utility.hpp template interface file

\*

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zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/lambda.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/preprocessed/lambda\_50.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/detail/cpp03/lambda.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/traits.hpp  
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zip/1.75.0/include/boost/phoenix/debug.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/n\_step\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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[auto\_generated]

boost/numeric/odeint/integrate/null\_observer.hpp

[begin\_description]

null\_observer

[end\_description]

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zip/1.75.0/include/boost/align/detail/integral\_constant.hpp

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zip/1.75.0/include/boost/align/alignment\_of.hpp

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\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

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zip/1.75.0/include/boost/multi\_index/detail/rnk\_index\_ops.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_node\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/duplicates\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/bidir\_node\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_node.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_loader.hpp

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@file

Forward declares `boost::hana::detail::nested\_by`.

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Defines `boost::hana::detail::variadic::reverse\_apply\_unrolled`.

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zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply/unrolled.hpp  
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zip/1.75.0/include/boost/spirit/home/classic/phoenix/statements.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/primitives.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/functions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/special\_ops.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/tuples.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/composite.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/operators.hpp  
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```
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_composite.hpp
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_rule\_alias.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_multi\_pass.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_typeof.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/namespace.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_grammar\_def.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_flush\_multi\_pass.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_ast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_closure\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_select.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_safe\_bool.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_positive.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_common\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_operators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_sequential\_or.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_meta.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_file\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_debug.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_scanner\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_lists\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_push\_back\_actor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_multi\_pass\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/classic\_distinct\_fwd.hpp

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/\*

```
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*
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*
* This header is deprecated, use boost/winapi/memory.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/memory.hpp
```

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```
/*!
```

```
@file
```

Forward declares `boost::hana::Ring``.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/concept/ring.hpp
```

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```
/*=====
```

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the unput queue iterator

<http://www.boost.org/>

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```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/util/unput_queue_iterator.hpp
```

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```
/*!
```

```
@file
```

Adapts `std::tuple`` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/tuple.hpp

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/\* boost random/random\_device.hpp header file

\*

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\* Copyright Steven Watanabe 2010-2011

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\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 Portability fixes (thanks to Beman Dawes)

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/random\_device.hpp

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/\* Boost interval/detail/bugs.hpp file

\*

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/bugs.hpp

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\*

\* This header is deprecated, use boost/winapi/system.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/system.hpp

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\*

\* This header is deprecated, use boost/winapi/synchronization.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/synchronization.hpp

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#ifndef BOOST\_MSM\_MPL\_GRAPH\_DETAIL\_GRAPH\_IMPLEMENTATION\_INTERFACE\_IPP\_INCLUDED

#define

BOOST\_MSM\_MPL\_GRAPH\_DETAIL\_GRAPH\_IMPLEMENTATION\_INTERFACE\_IPP\_INCLUDED

// forward definitions of the producer metafunctions that need to be specialized for

// each graph representation

namespace boost {

namespace msm {

namespace mpl\_graph {

namespace detail {

// Edge->Target map for a Source for out\_\*, degree

template<typename RepresentationTag, typename Source, typename GraphData>

struct produce\_out\_map;

// Edge->Source map for a Target for in\_\*, degree

template<typename RepresentationTag, typename Target, typename GraphData>

struct produce\_in\_map;

```

// Edge->pair<Source,Target> map for source, target
template<typename RepresentationTag, typename GraphData>
struct produce_edge_st_map;

// Vertex set for VertexListGraph
template<typename RepresentationTag, typename GraphData>
struct produce_vertex_set;

// Edge set for EdgeListGraph
template<typename RepresentationTag, typename GraphData>
struct produce_edge_set;

} // namespaces
}
}
}

#endif //
BOOST_MSM_MPL_GRAPH_DETAIL_GRAPH_IMPLEMENTATION_INTERFACE_IPP_INCLUDED

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/msm/mpl_graph/detail/graph_implementation_interface.ipp
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```

```

/*!

```

```

@file

```

```

Defines `boost::hana::intersection`.

```

```

@copyright Louis Dionne 2013-2017

```

```

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```

```

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```

```

*/

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/intersection.hpp
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```

```

/* Finaliser for a very simple result type

```

```

(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)

```

```

File Created: Oct 2017

```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/basic\_result\_final.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/x3/support/traits/string\_traits.hpp

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/\* A very simple result type

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (11 commits)

File Created: Apr 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status\_result.hpp

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rotate.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/rotate.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/core/detail/cpp03/preprocessed/function\_eval\_expr.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/expression.hpp
```

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```
/**
```

```
* *- c++ -*-
```

```
*
```

```
* \file tags.hpp
```

```
*
```

```
* \brief Tags.
```

```
*
```

```
* Copyright (c) 2009, Marco Guazzone
```

```
*
```

```
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```

```
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```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* \author Marco Guazzone, marco.guazzone@gmail.com
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/ublas/tags.hpp
```

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```
/*
```

```
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```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/boyer_moore.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/detail/bm_traits.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/boyer_moore_horspool.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/detail/debugging.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/searching/knuth_morris_pratt.hpp
```

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```
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```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/dynamic\_array.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/rebind.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/utype\_helper.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/meta.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/normalize.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/any\_cast.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/vtable.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/any\_base.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/register\_binding.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/check\_map.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/access.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/constructible.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/concept\_interface.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/type\_erasure/member.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/is\_subconcept.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/deduced.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/callable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/instantiate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/derived.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/any.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/call.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/dynamic\_vtable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/rebind\_placeholders.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/relaxed.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/adapt\_to\_vtable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/normalize\_deduced.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/exception.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/same\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/is\_placeholder.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/check\_match.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/extract\_concept.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/config.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/rebind\_any.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/typeid\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/detail/null.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/binding\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_erasure/concept\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/type\_eraser/detail/macro.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/auto\_link.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/binding.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/operators.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/dynamic\_binding.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/placeholder.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/require\_match.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/static\_binding.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/placeholder\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/is\_empty.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/get\_signature.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/dynamic\_any\_cast.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/tuple.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/builtin.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/const.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/construct.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/member11.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/free.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/meta.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/check\_call.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/param.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/get\_placeholders.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/detail/storage.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_eraser/iterator.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::sort`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/sort.hpp
```

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```
/*
```

```
* Copyright 2015 Andrey Semashev
```

```
*
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/winapi/detail/cast_ptr.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::Product`.
```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/concept/product.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::negate`.
```

```
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```

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/negate.hpp

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/\* Policies for result and outcome

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (4 commits)

File Created: Sep 2018

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/fail\_to\_compile\_observers.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/odeint\_error.hpp

[begin\_description]

Runtime Exceptions thrown by odeint

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/odeint\_error.hpp

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/\* boost random/detail/gray\_coded\_qrng.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/gray\_coded\_qrng.hpp

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/\*!

@file

Forward declares `boost::hana::replicate`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/replicate.hpp

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/\*!

@file

Adapts `boost::mpl::vector` for use with Hana.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/mpl/vector.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_attribute.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/print\_token.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/generic\_rk\_call\_algebra.hpp

[begin\_description]

Algebra caller for the generic Runge-Kutta methods.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_call\_algebra.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/integrate\_adaptive.hpp

[begin\_description]

Adaptive integration of ODEs.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate\_adaptive.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/value\_at\_key\_impl.hpp

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=====\*\_

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/tuple\_traits.hpp

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/\*!

@file

Defines `boost::hana::append`.

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/at_impl.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value_at_impl.hpp  
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```

```
/*
```

```
boost/numeric/odeint/stepper/detail/adaptive_adams_bashforth_moulton.hpp
```

```
[begin_description]
```

```
Implementation of an adaptive adams bashforth moulton stepper.
```

```
Used as the stepper for the controlled adams bashforth moulton stepper.
```

```
[end_description]
```

```
Copyright 2017 Valentin Noah Hartmann
```

```
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```

```
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copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/adaptive_adams_bashforth_moulton.hpp  
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```

```
/* *****
```

```
# *
```

```
*
```

```
# * (C) Copyright Edward Diener 2013.
```

```
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```

```
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```

```
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```

```
# *
```

```
*
```

```
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/insert.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/push_back.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/pop_back.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/pop_front.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/replace.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/preprocessor/tuple/push\_front.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/tuple/remove.hpp  
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```
/*!  
@file  
Defines `boost::hana::lift`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/lift.hpp  
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```
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```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono/detail/scan\_keyword.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::adjust`.
```

```
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*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/adjust.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::insert_range`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/insert\_range.hpp

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/\*!

@file

Forward declares `boost::hana::equal`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/equal.hpp

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/\*\*

\*

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\*

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/bipartite.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the lexer iterator

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/cpp\_lex\_iterator.hpp

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/\*!

@file

Forward declares `boost::hana::greater`.

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[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl.hpp

[begin\_description]

includes all headers required for using vexcl in odeint

[end\_description]

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[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Bashforth stepper.

[end\_description]

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/\*!

@file

Defines `boost::hana::detail::ebo`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/ebo.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::length`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/length.hpp

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/\* boost random.hpp header file

\*

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\*

\* See <http://www.boost.org/libs/random> for documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2000-02-18 portability fixes (thanks to Beman Dawes)

\* 2000-02-21 shuffle\_output, inversive\_congruential\_schrage,  
generator\_iterator, uniform\_smallint

\* 2000-02-23 generic modulus arithmetic helper, removed \*\_schrage classes,

\* implemented Streamable and EqualityComparable concepts for

\* generators, added Bernoulli distribution and Box-Muller

\* transform

\* 2000-03-01 cauchy, lognormal, triangle distributions; fixed

\* uniform\_smallint; renamed gaussian to normal distribution

\* 2000-03-05 implemented iterator syntax for distribution functions

\* 2000-04-21 removed some optimizations for better BCC/MSVC compatibility

- \* 2000-05-10 adapted to BCC and MSVC
- \* 2000-06-13 incorporated review results
- \* 2000-07-06 moved basic templates from namespace detail to random
- \* 2000-09-23 warning removals and int64 fixes (Ed Brey)
- \* 2000-09-24 added lagged\_fibonacci generator (Matthias Troyer)
- \* 2001-02-18 moved to individual header files
- \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/random.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2015 Kohei Takahashi

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::flatten`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/flatten.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/core.hpp  
No license file was found, but licenses were detected in source scan.

/\*!

@file

Forward declares `boost::hana::first`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/first.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/support/detail/index\_sequence.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/config.hpp

[begin\_description]

Sets configurations for odeint and used libraries. Should be included before any other odeint library

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/config.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Defines `boost::hana::group`.  
  
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/group.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
* Copyright 2016 Klemens D. Morgenstern  
* Copyright 2016 Andrey Semashev  
*  
* Distributed under the Boost Software License, Version 1.0.  
* See http://www.boost.org/LICENSE\_1\_0.txt  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/winapi/priority\_class.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

Copyright (c) 2001-2003 Daniel Nuffer  
Copyright (c) 2001-2007 Hartmut Kaiser  
Revised 2007, Copyright (c) Tobias Schwinger  
<http://spirit.sourceforge.net/>

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/classic/tree/common.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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fix.h  
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file LICENSE\_1\_0.txt or copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/fix.hpp

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// (C) Copyright Ion Gaztanaga 2007-2013. Distributed under the Boost

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/container/detail/singleton.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/numeric/odeint/external/blaze/blaze\_algebra\_dispatcher.hpp

No license file was found, but licenses were detected in source scan.

// Copyright (C) 2000 Stephen Cleary

//

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//

// See <http://www.boost.org> for updates, documentation, and revision history.

// This file was AUTOMATICALLY GENERATED from "stdin"

// Do NOT include directly!

// Do NOT edit!

```

template <typename T0>
element_type * construct(const T0 & a0)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1>
element_type * construct(const T0 & a0, const T1 & a1)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1); }
    catch (...) { (free)(ret); throw; }
    return ret;
}
template <typename T0, typename T1, typename T2>
element_type * construct(const T0 & a0, const T1 & a1, const T2 & a2)
{
    element_type * const ret = (malloc());
    if (ret == 0)
        return ret;
    try { new (ret) element_type(a0, a1, a2); }
    catch (...) { (free)(ret); throw; }
    return ret;
}

```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/pool/detail/pool_construct_simple.ipp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Forward declares `boost::hana::basic\_tuple`.

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/basic_tuple.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

This is the current version of the Wave library

http://www.boost.org/

Copyright (c) 2001-2012 Hartmut Kaiser. Distributed under the Boost
Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/wave_version.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

Adapts Boost.MPL IntegralConstants for use with Hana.

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/ext/boost/mpl/integral_c.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/unit_helper.hpp
```

```
[begin_description]
```

Get and set the value of a unit.

```
[end_description]
```

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/unit\_helper.hpp

No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2010 Bryce Lelbach
Copyright (c) 2014 Tomoki Imai

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/iterators/line\_pos\_iterator.hpp

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```
/* Boost interval/detail/alpha_rounding_control.hpp file
*
* Copyright 2005 Felix Höfling, Guillaume Melquiond
*
* Distributed under the Boost Software License, Version 1.0.
* (See accompanying file LICENSE_1_0.txt or
* copy at http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/alpha\_rounding\_control.hpp

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```
/* *****
# *
# * (C) Copyright Edward Diener 2016. *
# * Distributed under the Boost Software License, Version 1.0. (See *
# * accompanying file LICENSE_1_0.txt or copy at *
# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/detail/to\_list\_msvc.hpp

No license file was found, but licenses were detected in source scan.

```
/*!  
@file  
Forward declares `boost::hana::Foldable`.
```

```
@copyright Louis Dionne 2013-2017  
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE\_1\_0.txt)  
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/foldable.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::front`.
```

```
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*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/front.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*=====
```

```
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partial.h  
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)  
=====*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/partial.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::count`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/count.hpp

No license file was found, but licenses were detected in source scan.

/\*!

@file

Defines `boost::hana::value`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/value.hpp

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\*

\* This header is deprecated, use boost/winapi/thread\_pool.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/thread\_pool.hpp

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/\*!

@file

Defines the `BOOST\_HANA\_DEFINE\_STRUCT`, `BOOST\_HANA\_ADAPT\_STRUCT`, and  
`BOOST\_HANA\_ADAPT\_ADT` macros.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/struct\_macros.hpp

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/\*!

@file

Defines `boost::hana::members`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/members.hpp

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/\*!

@file

Defines `boost::hana::optional`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/optional.hpp

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/\*!

@file

Adapts `boost::fusion::list` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/fusion/list.hpp

No license file was found, but licenses were detected in source scan.

/\*

[auto\_generated]

boost/numeric/odeint/external/thrust/thrust\_operations.hpp

[begin\_description]

Operations of thrust zipped iterators. Is the counterpart of the thrust\_algebra.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/thrust/thrust\_operations.hpp

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/\*!

@file

Forward declares `boost::hana::count\_if`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/count\_if.hpp

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/\*!

@file

Forward declares `boost::hana::any\_of`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/any\_of.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/variant\_generator.hpp header file

\*

\* Copyright Jens Maurer 2002

\* Copyright Steven Watanabe 2011

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\* accompanying file LICENSE\_1\_0.txt or copy at

```
* http://www.boost.org/LICENSE\_1\_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/variante_generator.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/base/explicit_error_stepper_base.hpp
```

```
[begin_description]
```

Base class for all explicit Runge Kutta stepper which are also error steppers.

```
[end_description]
```

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Copyright 2010-2012 Mario Mulansky

Copyright 2012 Christoph Koke

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit_error_stepper_base.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::fold_right`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fold_right.hpp
```

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/\*

[auto\_generated]

boost/numeric/odeint/version.hpp

[begin\_description]

Defines the current version of odeint.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/version.hpp

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@file

Forward declares `boost::hana::max`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/max.hpp

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/\*!

@file

Forward declares `boost::hana::eval`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/eval.hpp

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/\*

Defines `qualifier\_flags`

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/callable\_traits/detail/qualifier\_flags.hpp

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/\*!

@file

Forward declares `boost::hana::MonadPlus`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hana/fwd/concept/monad\_plus.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/core/domain.hpp

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/\* boost random/detail/seed.hpp header file

\*

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/seed\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/seed.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/value\_at.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/io.hpp

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/\*

@file add\_transaction\_safe

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_transaction\_safe.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is\_parser.hpp

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//

// detail/impl/strand\_executor\_service.hpp

// ~~~~~

//

// Copyright (c) 2003-2020 Christopher M. Kohlhoff (chris at kohlhoff dot com)

//

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//

#ifndef BOOST\_ASIO\_DETAIL\_IMPL\_STRAND\_EXECUTOR\_SERVICE\_IPP

#define BOOST\_ASIO\_DETAIL\_IMPL\_STRAND\_EXECUTOR\_SERVICE\_IPP

#if defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

# pragma once

#endif // defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

#include <boost/asio/detail/config.hpp>

#include <boost/asio/detail/strand\_executor\_service.hpp>

#include <boost/asio/detail/push\_options.hpp>

namespace boost {

namespace asio {

namespace detail {

strand\_executor\_service::strand\_executor\_service(execution\_context& ctx)

: execution\_context\_service\_base<strand\_executor\_service>(ctx),

mutex\_(),

salt\_(0),

impl\_list\_(0)

{

}

void strand\_executor\_service::shutdown()

{

op\_queue<scheduler\_operation> ops;

boost::asio::detail::mutex::scoped\_lock lock(mutex\_);

```

strand_impl* impl = impl_list_;
while (impl)
{
    impl->mutex_->lock();
    impl->shutdown_ = true;
    ops.push(impl->waiting_queue_);
    ops.push(impl->ready_queue_);
    impl->mutex_->unlock();
    impl = impl->next_;
}
}

strand_executor_service::implementation_type
strand_executor_service::create_implementation()
{
    implementation_type new_impl(new strand_impl);
    new_impl->locked_ = false;
    new_impl->shutdown_ = false;

    boost::asio::detail::mutex::scoped_lock lock(mutex_);

    // Select a mutex from the pool of shared mutexes.
    std::size_t salt = salt_++;
    std::size_t mutex_index = reinterpret_cast<std::size_t>(new_impl.get());
    mutex_index += (reinterpret_cast<std::size_t>(new_impl.get()) >> 3);
    mutex_index ^= salt + 0x9e3779b9 + (mutex_index << 6) + (mutex_index >> 2);
    mutex_index = mutex_index % num_mutexes;
    if (!mutexes_[mutex_index].get())
        mutexes_[mutex_index].reset(new mutex);
    new_impl->mutex_ = mutexes_[mutex_index].get();

    // Insert implementation into linked list of all implementations.
    new_impl->next_ = impl_list_;
    new_impl->prev_ = 0;
    if (impl_list_)
        impl_list_->prev_ = new_impl.get();
    impl_list_ = new_impl.get();
    new_impl->service_ = this;

    return new_impl;
}

strand_executor_service::strand_impl::~strand_impl()
{
    boost::asio::detail::mutex::scoped_lock lock(service_->mutex_);

    // Remove implementation from linked list of all implementations.
    if (service_->impl_list_ == this)

```

```

    service_->impl_list_ = next_;
if (prev_)
    prev_->next_ = next_;
if (next_)
    next_->prev_ = prev_;
}

bool strand_executor_service::enqueue(const implementation_type& impl,
    scheduler_operation* op)
{
    impl->mutex_->lock();
    if (impl->shutdown_)
    {
        impl->mutex_->unlock();
        op->destroy();
        return false;
    }
    else if (impl->locked_)
    {
        // Some other function already holds the strand lock. Enqueue for later.
        impl->waiting_queue_.push(op);
        impl->mutex_->unlock();
        return false;
    }
    else
    {
        // The function is acquiring the strand lock and so is responsible for
        // scheduling the strand.
        impl->locked_ = true;
        impl->mutex_->unlock();
        impl->ready_queue_.push(op);
        return true;
    }
}

bool strand_executor_service::running_in_this_thread(
    const implementation_type& impl)
{
    return !!call_stack<strand_impl>::contains(impl.get());
}

} // namespace detail
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_DETAIL_IMPL_STRAND_EXECUTOR_SERVICE_IPP

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/detail/impl/strand\_executor\_service.ipp  
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/\* Boost interval/detail/x86gcc\_rounding\_control.hpp file

\*

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\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/x86gcc\_rounding\_control.hpp  
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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/uuid\_x86.ipp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/config.hpp

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/\*!

@file

Defines `boost::hana::sum`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/sum.hpp

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```
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+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/type_traits/succ_pred.hpp
```

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```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/adapted/adt/adapt_assoc_adt.hpp
```

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```
/* Says how to convert value, error and exception types
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (12 commits)
File Created: Nov 2017
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/convert.hpp

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/\* Error observers for a very simple basic\_result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (2 commits)

File Created: Oct 2017

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/basic\_result\_error\_observers.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/other.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/other/other/endian.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/other/other/blackfin.h

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/\*!

@file

Defines `boost::hana::minus`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/minus.hpp

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/\* Flyweight class.

\*

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/flyweight/flyweight.hpp

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/\*!

@file

Defines `boost::hana::is\_empty`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/is\_empty.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt\_base\_assoc\_attr\_filler.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt\_auto.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt\_base\_assoc\_attr\_filler.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt\_is\_tpl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/detail/adapt\_base\_attr\_filler.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/adapt\_base\_attr\_filler.hpp

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\*

\* This header is deprecated, use boost/winapi/show\_window.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/show\_window.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/integrate/detail/integrate\_times.hpp

[begin\_description]  
Default integrate times implementation.  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_times.hpp  
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\*  
\* See <http://www.boost.org/libs/flyweight> for library home page.  
\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/key\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/not\_placeholder\_expr.hpp  
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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/pyramid.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/language/objc.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/predef/language/stdcpp.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/os/vms.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/library/std/cxx.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/language/stdc.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/language.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/detail/test\_def.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/architecture/convex.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/predef/os/os400.h

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/cxx14/is\_permutation.hpp

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@file

Forward declares `boost::hana::cartesian\_product`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/fwd/cartesian\_product.hpp

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/subset\_comparer.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/difference\_type\_of.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval\_subset\_comparer.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/difference.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/element\_comparer.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/ptime.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/rational.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/detail/interval\_morphism.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/rep\_type\_of.hpp
  - \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/gregorian.hpp
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```

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  join.h
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=====*/

```

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/join.hpp
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```

/* *****
# *
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# * http://www.boost.org/LICENSE_1_0.txt) *
# *
# ***** */

```

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/variadic\_seq\_to\_seq.hpp

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@file

Forward declares `boost::hana::fold\_left`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/fold\_left.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/pp\_round.hpp

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@file

Forward declares `boost::hana::group`.

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zip/1.75.0/include/boost/hana/fwd/group.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/functions/pow.hpp

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@file

Defines `boost::hana::empty`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/empty.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/core/call.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/phoenix/function/adapt\_callable.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/addressof.hpp

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Includes all the adaptors for the standard library.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/ext/std.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/nview\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/at\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/detail/value\_at\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/nview/nview.hpp

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zip/1.75.0/include/boost/accumulators/statistics/variance.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted\_variance.hpp

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/\* Boost interval/ext/integer.hpp template implementation file

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/ext/integer.hpp

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@file

Defines `boost::hana::tap`.

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zip/1.75.0/include/boost/hana/tap.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/architecture/riscv.h

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/times2_iterator.hpp  
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```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/numeric/real.hpp  
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```

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// I:/modular-boost/libs/math/include/boost/math/special_functions/lambert_w_lookup_table.hpp

// A collection of 128-bit precision integral z argument Lambert W values computed using 37 decimal digits
precision.
// C++ floating-point precision is 128-bit long double.
// Output as 53 decimal digits, suffixed L.

// C++ floating-point type is provided by lambert_w.hpp typedef.
// For example: typedef lookup_t double; (or float or long double)

// Written by I:\modular-boost\libs\math\test\lambert_w_lookup_table_generator.cpp Thu Jan 25 16:52:07 2018

// Sizes of arrays of z values for Lambert W[0], W[1] ... W[64]" and W[-1], W[-2] ... W[-64].

namespace boost {
namespace math {
namespace lambert_w_detail {
namespace lambert_w_lookup
{
BOOST_STATIC_CONSTEXPR std::size_t noof_sqrts = 12;
BOOST_STATIC_CONSTEXPR std::size_t noof_halves = 12;
BOOST_STATIC_CONSTEXPR std::size_t noof_w0es = 65;
BOOST_STATIC_CONSTEXPR std::size_t noof_w0zs = 65;
BOOST_STATIC_CONSTEXPR std::size_t noof_wm1es = 64;
BOOST_STATIC_CONSTEXPR std::size_t noof_wm1zs = 64;
```

```
BOOST_STATIC_CONSTEXPR lookup_t halves[noof_halves] =
{ // Common to Lambert W0 and W-1 (and exactly representable).
  0.5L, 0.25L, 0.125L, 0.0625L, 0.03125L, 0.015625L, 0.0078125L, 0.00390625L, 0.001953125L, 0.0009765625L,
  0.00048828125L, 0.000244140625L
}; // halves, 0.5, 0.25, ... 0.000244140625, common to W0 and W-1.
```

```
BOOST_STATIC_CONSTEXPR lookup_t sqrtw0s[noof_sqrts] =
{ // For Lambert W0 only.
  0.6065306597126334242631173765403218567L, 0.77880078307140486866846070009071995L,
  0.882496902584595403104717592968701829L, 0.9394130628134757862473572557999761753L,
  0.9692332344763440819139583751755278177L, 0.9844964370054084060204319075254540376L,
  0.9922179382602435121227899136829802692L, 0.996101369470117490071323985506950379L,
  0.9980487811074754727142805899944244847L, 0.9990239141819756622368328253791383317L,
  0.9995118379398893653889967919448497792L, 0.9997558891748972165136242351259789505L
}; // sqrtw0s
```

```
BOOST_STATIC_CONSTEXPR lookup_t sqrtwm1s[noof_sqrts] =
{ // For Lambert W-1 only.
  1.648721270700128146848650787814163572L, 1.284025416687741484073420568062436458L,
  1.133148453066826316829007227811793873L, 1.064494458917859429563390594642889673L,
  1.031743407499102670938747815281507144L, 1.015747708586685747458535072082351749L,
  1.007843097206447977693453559760123579L, 1.003913889338347573443609603903460282L,
  1.001955033591002812046518898047477216L, 1.000977039492416535242845292611606506L,
  1.000488400478694473126173623807163354L, 1.000244170429747854937005233924135774L
}; // sqrtwm1s
```

```
BOOST_STATIC_CONSTEXPR lookup_t w0es[noof_w0zs] =
{ // Fukushima e powers array e[0] = 2.718, 1., e[2] = e^-1 = 0.135, e[3] = e^-2 = 0.133 ... e[64] =
4.3596100000630809736231248158884615452e-28.
2.7182818284590452353602874713526624978e+00L,
1.0000000000000000000000000000000000000000000000000000000e+00L, 3.6787944117144232159552377016146086745e-01L,
1.3533528323661269189399949497248440341e-01L, 4.9787068367863942979342415650061776632e-02L,
1.8315638888734180293718021273241242212e-02L, 6.7379469990854670966360484231484242488e-03L,
2.4787521766663584230451674308166678915e-03L, 9.1188196555451620800313608440928262647e-04L,
3.3546262790251183882138912578086101931e-04L, 1.2340980408667954949763669073003382607e-04L,
4.5399929762484851535591515560550610238e-05L, 1.6701700790245659312635517360580879078e-05L,
6.1442123533282097586823081788055323112e-06L, 2.2603294069810543257852772905386894694e-06L,
8.3152871910356788406398514256526229461e-07L, 3.0590232050182578837147949770228963937e-07L,
1.1253517471925911451377517906012719164e-07L, 4.1399377187851666596510277189552806229e-08L,
1.5229979744712628436136629233517431862e-08L, 5.6027964375372675400129828162064630798e-09L,
2.0611536224385578279659403801558209764e-09L, 7.5825604279119067279417432412681264430e-10L,
2.7894680928689248077189130306442932077e-10L, 1.0261879631701890303927527840612497760e-10L,
3.7751345442790977516449695475234067792e-11L, 1.3887943864964020594661763746086856910e-11L,
5.1090890280633247198744001934792157666e-12L, 1.8795288165390832947582704184221926212e-12L,
6.9144001069402030094125846587414092712e-13L, 2.5436656473769229103033856148576816666e-13L,
9.3576229688401746049158322233787067450e-14L, 3.4424771084699764583923893328515572846e-14L,
1.2664165549094175723120904155965096382e-14L, 4.6588861451033973641842455436101684114e-15L,
```

```
1.7139084315420129663027203425760492412e-15L, 6.3051167601469893856390211922465427614e-16L,
2.3195228302435693883122636097380800411e-16L, 8.5330476257440657942780498229412441658e-17L,
3.1391327920480296287089646522319196491e-17L, 1.1548224173015785986262442063323868655e-17L,
4.2483542552915889953292347828586580179e-18L, 1.5628821893349887680908829951058341550e-18L,
5.7495222642935598066643808805734234249e-19L, 2.1151310375910804866314010070226514702e-19L,
7.7811322411337965157133167292798981918e-20L, 2.8625185805493936444701216291839372068e-20L,
1.0530617357553812378763324449428108806e-20L, 3.8739976286871871129314774972691278293e-21L,
1.4251640827409351062853210280340602263e-21L, 5.2428856633634639371718053028323436716e-22L,
1.9287498479639177830173428165270125748e-22L, 7.0954741622847041389832693878080734877e-23L,
2.6102790696677048047026953153318648093e-23L, 9.6026800545086760302307696700074909076e-24L,
3.5326285722008070297353928101772088374e-24L, 1.2995814250075030736007134060714855303e-24L,
4.7808928838854690812771770423179628939e-25L, 1.7587922024243116489558751288034363178e-25L,
6.4702349256454603261540395529264893765e-26L, 2.3802664086944006058943245888024963309e-26L,
8.7565107626965203384887328007391660366e-27L, 3.2213402859925160890012477758489437534e-27L,
1.1850648642339810062850307390972809891e-27L, 4.3596100000630809736231248158884596428e-28L,
```

```
}; // w0es
```

```
BOOST_STATIC_CONSTEXPR lookup_t w0zs[noof_w0zs] =
```

```
{ // z values for W[0], W[1], W[2] ... W[64] (Fukushima array Fk).
```

```
0.0000000000000000000000000000000000000000000000000000000e+00L,
2.7182818284590452353602874713526624978e+00L, 1.4778112197861300454460854921150015626e+01L,
6.0256610769563003222785588963745153691e+01L, 2.1839260013257695631244104481144351361e+02L,
7.4206579551288301710557790020276139812e+02L, 2.4205727609564107356503230832603296776e+03L,
7.6764321089992101948460416680168500271e+03L, 2.3847663896333826197948736795623109390e+04L,
7.2927755348178456069389970204894839685e+04L, 2.2026465794806716516957900645284244366e+05L,
6.5861555886717600300859134371483559776e+05L, 1.9530574970280470496960624587818413980e+06L,
5.7513740961159665432393360873381476632e+06L, 1.6836459978306874888489314790750032292e+07L,
4.9035260587081659589527825691375819733e+07L, 1.4217776832812596218820837985250320561e+08L,
4.1063419681078006965118239806655900596e+08L, 1.1818794444719492004981570586630806042e+09L,
3.3911637183005579560532906419857313738e+09L, 9.7033039081958055593821366108308111737e+09L,
2.7695130424147508641409976558651358487e+10L, 7.8868082614895014356985518811525255163e+10L,
2.2413047926372475980079655175092843139e+11L, 6.3573893111624333505933989166748517618e+11L,
1.8001224834346468131040337866531539479e+12L, 5.0889698451498078710141863447784789126e+12L,
1.4365302496248562650461177217211790925e+13L, 4.0495197800161304862957327843914007993e+13L,
1.1400869461717722015726999684446230289e+14L, 3.2059423744573386440971405952224204950e+14L,
9.0051433962267018216365614546207459567e+14L, 2.5268147258457822451512967243234631750e+15L,
7.0832381329352301326018261305316090522e+15L, 1.9837699245933465967698692976753294646e+16L,
5.5510470830970075484537561902113104381e+16L, 1.5520433569614702817608320254284931407e+17L,
4.3360826779369661842459877227403719730e+17L, 1.2105254067703227363724895246493485480e+18L,
3.3771426165357561311906703760513324357e+18L, 9.4154106734807994163159964299613921804e+18L,
2.6233583234732252918129199544138403574e+19L, 7.3049547543861043990576614751671879498e+19L,
2.0329709713386190214340167519800405595e+20L, 5.6547040503180956413560918381429636734e+20L,
1.5720421975868292906615658755032744790e+21L, 4.3682149334771264822761478593874428627e+21L,
1.2132170565093316762294432610117848880e+22L, 3.3680332378068632345542636794533635462e+22L,
9.3459982052259884835729892206738573922e+22L, 2.5923527642935362320437266614667426924e+23L,
7.1876803203773878618909930893087860822e+23L, 1.9921241603726199616378561653688236827e+24L,
5.5192924995054165325072406547517121131e+24L, 1.5286067837683347062387143159276002521e+25L,
```

```
4.2321318958281094260005100745711666956e+25L, 1.1713293177672778461879598480402173158e+26L,  
3.2408603996214813669049988277609543829e+26L, 8.9641258264226027960478448084812796397e+26L,  
2.4787141382364034104243901241243054434e+27L, 6.8520443388941057019777430988685937812e+27L,  
1.8936217407781711443114787060753312270e+28L, 5.2317811346197017832254642778313331353e+28L,  
1.4450833904658542238325922893692265683e+29L, 3.9904954117194348050619127737142206367e+29L
```

```
}; // w0zs
```

```
BOOST_STATIC_CONSTEXPR lookup_t wmls[noof_wmls] =
```

```
{ // Fukushima e array e[0] = e^1 = 2.718, e[1] = e^2 = 7.39 ... e[64] = 4.60718e+28.
```

```
2.7182818284590452353602874713526624978e+00L,  
7.3890560989306502272304274605750078132e+00L, 2.0085536923187667740928529654581717897e+01L,  
5.4598150033144239078110261202860878403e+01L, 1.4841315910257660342111558004055227962e+02L,  
4.0342879349273512260838718054338827961e+02L, 1.0966331584284585992637202382881214324e+03L,  
2.9809579870417282747435920994528886738e+03L, 8.1030839275753840077099966894327599650e+03L,  
2.2026465794806716516957900645284244366e+04L, 5.9874141715197818455326485792257781614e+04L,  
1.6275479141900392080800520489848678317e+05L, 4.4241339200892050332610277594908828178e+05L,  
1.2026042841647767777492367707678594494e+06L, 3.2690173724721106393018550460917213155e+06L,  
8.8861105205078726367630237407814503508e+06L, 2.4154952753575298214775435180385823880e+07L,  
6.5659969137330511138786503259060033569e+07L, 1.7848230096318726084491003378872270388e+08L,  
4.8516519540979027796910683054154055868e+08L, 1.3188157344832146972099988837453027851e+09L,  
3.5849128461315915616811599459784206892e+09L, 9.7448034462489026000346326848229752776e+09L,  
2.6489122129843472294139162152811882341e+10L, 7.2004899337385872524161351466126157915e+10L,  
1.9572960942883876426977639787609534279e+11L, 5.3204824060179861668374730434117744166e+11L,  
1.4462570642914751736770474229969288569e+12L, 3.9313342971440420743886205808435276858e+12L,  
1.0686474581524462146990468650741401650e+13L, 2.9048849665247425231085682111679825667e+13L,  
7.8962960182680695160978022635108224220e+13L, 2.1464357978591606462429776153126088037e+14L,  
5.8346174252745488140290273461039101900e+14L, 1.5860134523134307281296446257746601252e+15L,  
4.3112315471151952271134222928569253908e+15L, 1.1719142372802611308772939791190194522e+16L,  
3.1855931757113756220328671701298646000e+16L, 8.6593400423993746953606932719264934250e+16L,  
2.3538526683701998540789991074903480451e+17L, 6.3984349353005494922266340351557081888e+17L,  
1.7392749415205010473946813036112352261e+18L, 4.7278394682293465614744575627442803708e+18L,  
1.2851600114359308275809299632143099258e+19L, 3.4934271057485095348034797233406099533e+19L,  
9.4961194206024488745133649117118323102e+19L, 2.5813128861900673962328580021527338043e+20L,  
7.0167359120976317386547159988611740546e+20L, 1.9073465724950996905250998409538484474e+21L,  
5.1847055285870724640874533229334853848e+21L, 1.4093490824269387964492143312370168789e+22L,  
3.8310080007165768493035695487861993899e+22L, 1.0413759433029087797183472933493796440e+23L,  
2.8307533032746939004420635480140745409e+23L, 7.6947852651420171381827455901293939921e+23L,  
2.0916594960129961539070711572146737782e+24L, 5.6857199993359322226403488206332533034e+24L,  
1.5455389355901039303530766911174620068e+25L, 4.2012104037905142549565934307191617684e+25L,  
1.1420073898156842836629571831447656302e+26L, 3.1042979357019199087073421411071003721e+26L,  
8.4383566687414544890733294803731179601e+26L, 2.2937831594696098790993528402686136005e+27L,  
6.2351490808116168829092387089284697448e+27L
```

```
}; // wmls
```

```
BOOST_STATIC_CONSTEXPR lookup_t wmlzs[noof_wmlzs] =
```

```
{ // Fukushima G array of z values for integral K, (Fukushima Gk) g[0] (k = -1) = 1 ... g[64] = -
```

```
1.0264389699511303e-26.
```

```

-3.6787944117144232159552377016146086745e-01L,
-2.7067056647322538378799898994496880682e-01L, -1.4936120510359182893802724695018532990e-01L, -
7.326255554936721174872085092964968848e-02L, -3.3689734995427335483180242115742121244e-02L,
-1.4872513059998150538271004584900007349e-02L, -6.3831737588816134560219525908649783853e-03L, -
2.6837010232200947105711130062468881545e-03L, -1.1106882367801159454787302165703044346e-03L,
-4.5399929762484851535591515560550610238e-04L, -1.8371870869270225243899069096638966986e-04L, -
7.3730548239938517104187698145666387735e-05L, -2.9384282290753706235208604777002963102e-05L,
-1.1641402067449950376895791995913672125e-05L, -4.5885348075273868255721924655343445906e-06L, -
1.8005627955081458322204028649620350662e-06L, -7.0378941219347833214067471222239770590e-07L,
-2.7413963540482731185045932620331377352e-07L, -1.0645313231320808326024667350792279852e-07L, -
4.1223072448771156559318807603116419528e-08L, -1.5923376898615004128677660806663065530e-08L,
-6.1368298043116345769816086674174450569e-09L, -2.3602323152914347699033314033408744848e-09L, -
9.0603229062698346039479269140561762700e-10L, -3.4719859662410051486654409365217142276e-10L,
-1.3283631472964644271673440503045960993e-10L, -5.0747278046555248958473301297399200773e-11L, -
1.9360320299432568426355237044475945959e-11L, -7.3766303773930764398798182830872768331e-12L,
-2.8072868906520523814747496670136120235e-12L, -1.0671679036256927021016406931839827582e-12L, -
4.0525329757101362313986893299088308423e-13L, -1.5374324278841211301808010293913555758e-13L,
-5.8272886672428440854292491647585674200e-14L, -2.2067908660514462849736574172862899665e-14L, -
8.3502821888768497979241489950570881481e-15L, -3.1572276215253043438828784344882603413e-15L,
-1.1928704609782512589094065678481294667e-15L, -4.5038074274761565346423524046963087756e-16L, -
1.6993417021166355981316939131434632072e-16L, -6.4078169762734539491726202799339200356e-17L,
-2.4147993510032951187990399698408378385e-17L, -9.0950634616416460925150243301974013218e-18L, -
3.4236981860988704669138593608831552044e-18L, -1.2881333612472271400115547331327717431e-18L,
-4.8440839844747536942311292467369300505e-19L, -1.8207788854829779430777944237164900798e-19L, -
6.8407875971564885101695409345634890862e-20L, -2.5690139750480973292141845983878483991e-20L,
-9.6437492398195889150867140826350628738e-21L, -3.6186918227651991108814673877821174787e-21L, -
1.3573451162272064984454015639725697008e-21L, -5.0894204288895982960223079251039701810e-22L,
-1.9076194289884357960571121174956927722e-22L, -7.1476978375412669048039237333931704166e-23L, -
2.6773000149758626855152191436980592206e-23L, -1.0025115553818576399048488234179587012e-23L,
-3.7527362568743669891693429406973638384e-24L, -1.4043571811296963574776515073934728352e-24L, -
5.2539064576179122030932396804434996219e-25L, -1.9650175744554348142907611432678556896e-25L,
-7.3474021582506822389671905824031421322e-26L, -2.7465543000397410133825686340097295749e-26L, -
1.0264389699511282259046957018510946438e-26L
}; // wm1zs
} // namespace lambert_w_lookup
} // namespace detail
} // namespace math
} // namespace boost

```

Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/math/special_functions/detail/lambert_w_lookup_table.ipp

```

No license file was found, but licenses were detected in source scan.

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Found in path(s):

```

* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-

```

zip/1.75.0/include/boost/mpl/begin\_end.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/msm/mpl\_graph/incidence\_list\_graph.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ttp/inherit.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/mpl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/reverse\_fold\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/accept\_when.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/views/multimap\_view.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/list/aux\_/iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/advance\_backward.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp98/last\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/less.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/dll.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/ebo\_functor\_holder.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/iterate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/geometry/algorithms/detail/envelope/point.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/push\_back.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/vector/aux\_/preprocessed/no\_ctps/vector40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ttp/divides.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/detail/key\_extractor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/string/detail/find\_format.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/is\_maybe.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/coroutine2/detail/pull\_control\_block\_cc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fiber/detail/exchange.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/dmc/or.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/plain/full\_lambda.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/detail/transform\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/polygon/voronoi\_geometry\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/mwcw/advance\_forward.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/dll/detail/pe\_info.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/detail/axes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/digit\_val.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fiber/detail/context\_spmc\_queue.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/set/aux\_/numbered\_c.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/preprocessor/overloads.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/empty.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/foldl\_reject\_incomplete1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/no\_ctps/bind.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/axis/integer.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/sequence.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/multimap\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/nth\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/graph/detail/read\_graphviz\_new.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/as\_sequence.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/move.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/list\_adaptor.hpp  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc551/bind\_fwd.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/mpl/aux\_/iter\_fold\_impl.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/mpl/protect.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/O1\_size\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/less\_equal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/cpp11/impl/any\_of\_c.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/bstree\_algorithms\_base.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/set/set40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc\_pre590/vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/bitxor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/get\_remaining.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/integer/integer\_log2.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/bimap/container\_adaptor/support/iterator\_facade\_converters.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/bcc/list.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/clear\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/core.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/macros.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/keyword.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/parameter/aux\_/use\_default\_tag.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/coroutine/detail/push\_coroutine\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/histogram/ostream.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/string/split.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/metaparse/v1/error/digit\_expected.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/gcc/greater.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessor/filter\_params.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/int\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc70/set\_c.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/mpl/aux\_/preprocessed/msvc60/full\_lambda.hpp  
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```
/*-----+  
Copyright (c) 2010-2011: Joachim Faulhaber  
+-----+  
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  (See accompanying file LICENCE.txt or copy at  
    http://www.boost.org/LICENSE_1_0.txt)  
+-----*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/infinity.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
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*  
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* See http://www.boost.org/LICENSE_1_0.txt
```

\*  
\* This header is deprecated, use boost/winapi/debugapi.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/debugapi.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/allocator\_traits.hpp

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/\* Boost interval/detail/c99\_rounding\_control.hpp file  
\*  
\* Copyright 2000 Jens Maurer  
\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion  
\*  
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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/c99\_rounding\_control.hpp

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/\*=====

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combine.h  
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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/combine.hpp

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/\*

[auto\_generated]  
boost/numeric/odeint/integrate/detail/integrate\_n\_steps.hpp

[begin\_description]  
integrate steps implementation  
[end\_description]

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Copyright 2009-2012 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/integrate\_n\_steps.hpp

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/\*!

@file

Forward declares `boost::hana::minus`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/minus.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/is\_partitioned.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/find\_if\_not.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/partition\_point.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/copy_n.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/algorithm/cxx11/partition_copy.hpp
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```

```
/*!
```

```
@file
```

```
Defines `boost::hana::eval`.
```

```
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```

```
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```

```
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```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/eval.hpp
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```

```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/integrate/integrate_const.hpp
```

```
[begin_description]
```

```
Constant integration of ODEs, meaning that the state of the ODE is observed on constant time intervals.
```

```
The routines makes full use of adaptive and dense-output methods.
```

```
[end_description]
```

```
Copyright 2011-2013 Karsten Ahnert
```

```
Copyright 2011-2015 Mario Mulansky
```

```
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```

```
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```

```
copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/integrate/integrate_const.hpp
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```

```
/*=====
```

```
Copyright (c) 2001-2007 Joel de Guzman
```

```
Copyright (c) 2007 Dan Marsden
```

```
Copyright (c) 2018 Kohei Takahashi
```

```
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```

```
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/for\_each.hpp

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/\*!

@file

Defines `boost::hana::tuple`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/tuple.hpp

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/\* boost random/niederreiter\_base2.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/niederreiter\_base2.hpp

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//

// Copyright (c) 2019 Vinnie Falco (vinnie.falco@gmail.com)

// Copyright (c) 2020 Krystian Stasiowski (sdkrystian@gmail.com)

//

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//

// Official repository: <https://github.com/boostorg/json>

//

#ifndef BOOST\_JSON\_DETAIL\_IMPL\_STRING\_IMPL\_IPP

#define BOOST\_JSON\_DETAIL\_IMPL\_STRING\_IMPL\_IPP

#include <boost/json/detail/string\_impl.hpp>

```

#include <boost/json/detail/except.hpp>
#include <cstring>
#include <functional>

BOOST_JSON_NS_BEGIN
namespace detail {

inline
bool
ptr_in_range(
    const char* first,
    const char* last,
    const char* ptr) noexcept
{
    return std::less<const char*>(ptr, last) &&
        std::greater_equal<const char*>(ptr, first);
}

string_impl::
string_impl() noexcept
{
    s_.k = short_string_;
    s_.buf[sbo_chars_] =
        static_cast<char>(
            sbo_chars_);
    s_.buf[0] = 0;
}

string_impl::
string_impl(
    std::size_t size,
    storage_ptr const& sp)
{
    if(size <= sbo_chars_)
    {
        s_.k = short_string_;
        s_.buf[sbo_chars_] =
            static_cast<char>(
                sbo_chars_ - size);
        s_.buf[size] = 0;
    }
    else
    {
        s_.k = kind::string;
        auto const n = growth(
            size, sbo_chars_ + 1);
        p_.t = ::new(sp->allocate(
            sizeof(table) +

```

```

        n + 1,
        alignof(table))) table{
        static_cast<
            std::uint32_t>(size),
        static_cast<
            std::uint32_t>(n));
        data()[n] = 0;
    }
}

```

// construct a key, unchecked

```

string_impl::
string_impl(
    key_t,
    string_view s,
    storage_ptr const& sp)
{
    BOOST_ASSERT(
        s.size() <= max_size());
    k_.k = key_string_;
    k_.n = static_cast<
        std::uint32_t>(s.size());
    k_.s = reinterpret_cast<char*>(
        sp->allocate(s.size() + 1,
            alignof(char));
    k_.s[s.size()] = 0; // null term
    std::memcpy(&k_.s[0],
        s.data(), s.size());
}

```

// construct a key, unchecked

```

string_impl::
string_impl(
    key_t,
    string_view s1,
    string_view s2,
    storage_ptr const& sp)
{
    auto len = s1.size() + s2.size();
    BOOST_ASSERT(len <= max_size());
    k_.k = key_string_;
    k_.n = static_cast<
        std::uint32_t>(len);
    k_.s = reinterpret_cast<char*>(
        sp->allocate(len + 1,
            alignof(char));
    k_.s[len] = 0; // null term
    std::memcpy(&k_.s[0],

```

```

        s1.data(), s1.size());
    std::memcpy(&k_.s[s1.size()],
        s2.data(), s2.size());
}

std::uint32_t
string_impl::
growth(
    std::size_t new_size,
    std::size_t capacity)
{
    if(new_size > max_size())
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // growth factor 2
    if( capacity >
        max_size() - capacity)
        return static_cast<
            std::uint32_t>(max_size()); // overflow
    return static_cast<std::uint32_t>(
        (std::max)(capacity * 2, new_size));
}

char*
string_impl::
assign(
    std::size_t new_size,
    storage_ptr const& sp)
{
    if(new_size > capacity())
    {
        string_impl tmp(growth(
            new_size,
            capacity()), sp);
        destroy(sp);
        *this = tmp;
    }
    term(new_size);
    return data();
}

char*
string_impl::
append(
    std::size_t n,
    storage_ptr const& sp)
{

```

```

if(n > max_size() - size())
    detail::throw_length_error(
        "string too large",
        BOOST_CURRENT_LOCATION);
if(n <= capacity() - size())
{
    term(size() + n);
    return end() - n;
}
string_impl tmp(growth(
    size() + n, capacity()), sp);
std::memcpy(
    tmp.data(), data(), size());
tmp.term(size() + n);
destroy(sp);
*this = tmp;
return end() - n;
}

void
string_impl::
insert(
    std::size_t pos,
    const char* s,
    std::size_t n,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    if(n <= capacity() - curr_size)
    {
        const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
        if (!inside || (inside && ((s - curr_data) + n <= pos)))
        {
            std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
            std::memcpy(&curr_data[pos], s, n);
        }
    }
    else
    {
        const std::size_t offset = s - curr_data;
        std::memmove(&curr_data[pos + n], &curr_data[pos], curr_size - pos + 1);
        if (offset < pos)
        {
            const std::size_t diff = pos - offset;
            std::memcpy(&curr_data[pos], &curr_data[offset], diff);
        }
    }
}

```

```

        std::memcpy(&curr_data[pos + diff], &curr_data[pos + n], n - diff);
    }
    else
    {
        std::memcpy(&curr_data[pos], &curr_data[offset + n], n);
    }
}
size(curr_size + n);
}
else
{
    if(n > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    string_impl tmp(growth(
        curr_size + n, capacity()), sp);
    tmp.size(curr_size + n);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n,
        curr_data + pos,
        curr_size + 1 - pos);
    std::memcpy(
        tmp.data() + pos,
        s,
        n);
    destroy(sp);
    *this = tmp;
}
}

```

```

char*
string_impl::
insert_unchecked(
    std::size_t pos,
    std::size_t n,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    if(n <= capacity() - size())

```

```

{
    auto const dest =
        curr_data + pos;
    std::memmove(
        dest + n,
        dest,
        curr_size + 1 - pos);
    size(curr_size + n);
    return dest;
}
if(n > max_size() - curr_size)
    detail::throw_length_error(
        "string too large",
        BOOST_CURRENT_LOCATION);
string_impl tmp(growth(
    curr_size + n, capacity()), sp);
tmp.size(curr_size + n);
std::memcpy(
    tmp.data(),
    curr_data,
    pos);
std::memcpy(
    tmp.data() + pos + n,
    curr_data + pos,
    curr_size + 1 - pos);
destroy(sp);
*this = tmp;
return data() + pos;
}

void
string_impl::
replace(
    std::size_t pos,
    std::size_t n1,
    const char* s,
    std::size_t n2,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if (pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    n1 = (std::min)(n1, curr_size - pos);
    const auto delta = (std::max)(n1, n2) -
        (std::min)(n1, n2);
    // if we are shrinking in size or we have enough

```

```

// capacity, dont reallocate
if (n1 > n2 || delta <= capacity() - curr_size)
{
    const bool inside = detail::ptr_in_range(curr_data, curr_data + curr_size, s);
    // there is nothing to replace; return
    if (inside && s == curr_data + pos && n1 == n2)
        return;
    if (!inside || (inside && ((s - curr_data) + n2 <= pos)))
    {
        // source outside
        std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
        std::memcpy(&curr_data[pos], s, n2);
    }
    else
    {
        // source inside
        const std::size_t offset = s - curr_data;
        if (n2 >= n1)
        {
            // grow/unchanged
            const std::size_t diff = offset <= pos + n1 ? (std::min)((pos + n1) - offset, n2) : 0;
            // shift all right of splice point by n2 - n1 to the right
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
            // copy all before splice point
            std::memmove(&curr_data[pos], &curr_data[offset], diff);
            // copy all after splice point
            std::memmove(&curr_data[pos + diff], &curr_data[(offset - n1) + n2 + diff], n2 - diff);
        }
        else
        {
            // shrink
            // copy all elements into place
            std::memmove(&curr_data[pos], &curr_data[offset], n2);
            // shift all elements after splice point left
            std::memmove(&curr_data[pos + n2], &curr_data[pos + n1], curr_size - pos - n1 + 1);
        }
    }
    size((curr_size - n1) + n2);
}
else
{
    if (delta > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // would exceed capacity, reallocate
    string_impl tmp(growth(
        curr_size + delta, capacity()), sp);
}

```

```

    tmp.size(curr_size + delta);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n2,
        curr_data + pos + n1,
        curr_size - pos - n1 + 1);
    std::memcpy(
        tmp.data() + pos,
        s,
        n2);
    destroy(sp);
    *this = tmp;
}
}

// unlike the replace overload, this function does
// not move any characters
char*
string_impl::
replace_unchecked(
    std::size_t pos,
    std::size_t n1,
    std::size_t n2,
    storage_ptr const& sp)
{
    const auto curr_size = size();
    if(pos > curr_size)
        detail::throw_out_of_range(
            BOOST_CURRENT_LOCATION);
    const auto curr_data = data();
    const auto delta = (std::max)(n1, n2) -
        (std::min)(n1, n2);
    // if the size doesn't change, we don't need to
    // do anything
    if (!delta)
        return curr_data + pos;
    // if we are shrinking in size or we have enough
    // capacity, dont reallocate
    if(n1 > n2 || delta <= capacity() - curr_size)
    {
        auto const replace_pos = curr_data + pos;
        std::memmove(
            replace_pos + n2,
            replace_pos + n1,
            curr_size - pos - n1 + 1);
    }
}

```

```

        size((curr_size - n1) + n2);
        return replace_pos;
    }
    if(delta > max_size() - curr_size)
        detail::throw_length_error(
            "string too large",
            BOOST_CURRENT_LOCATION);
    // would exceed capacity, reallocate
    string_impl tmp(growth(
        curr_size + delta, capacity(), sp);
    tmp.size(curr_size + delta);
    std::memcpy(
        tmp.data(),
        curr_data,
        pos);
    std::memcpy(
        tmp.data() + pos + n2,
        curr_data + pos + n1,
        curr_size - pos - n1 + 1);
    destroy(sp);
    *this = tmp;
    return data() + pos;
}

```

```

void
string_impl::
shrink_to_fit(
    storage_ptr const& sp) noexcept
{
    if(s_.k == short_string_)
        return;
    auto const t = p_.t;
    if(t->size <= sbo_chars_)
    {
        s_.k = short_string_;
        std::memcpy(
            s_.buf, data(), t->size);
        s_.buf[sbo_chars_] =
            static_cast<char>(
                sbo_chars_ - t->size);
        s_.buf[t->size] = 0;
        sp->deallocate(t,
            sizeof(table) +
            t->capacity + 1,
            alignof(table));
        return;
    }
    if(t->size >= t->capacity)

```

```

    return;
#ifndef BOOST_NO_EXCEPTIONS
    try
    {
#endif
        string_impl tmp(t->size, sp);
        std::memcpy(
            tmp.data(),
            data(),
            size());
        destroy(sp);
        *this = tmp;
#ifndef BOOST_NO_EXCEPTIONS
    }
    catch(std::exception const&)
    {
        // eat the exception
    }
#endif
}

} // detail
BOOST_JSON_NS_END

```

```
#endif
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/json/detail/impl/string_impl.ipp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::nested_to`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/nested_to.hpp
```

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```
/*=====
```

```
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```

```
Copyright (c) 2002-2006 Hartmut Kaiser
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/position\_iterator\_fwd.hpp  
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\*

\* This header is deprecated, use boost/winapi/file\_management.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/file\_management.hpp  
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holder.h

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/holder.hpp  
No license file was found, but licenses were detected in source scan.

/\* The following code declares class array,

\* an STL container (as wrapper) for arrays of constant size.

\*

\* See

\* <http://www.boost.org/libs/array/>

\* for documentation.

\*

\* The original author site is at: <http://www.josuttis.com/>

\*

\* (C) Copyright Nicolai M. Josuttis 2001.

\*

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- \*
- \* 9 Jan 2013 - (mtc) Added constexpr
- \* 14 Apr 2012 - (mtc) Added support for boost::hash
- \* 28 Dec 2010 - (mtc) Added cbegin and cend (and crbegin and crend) for C++Ox compatibility.
- \* 10 Mar 2010 - (mtc) fill method added, matching resolution of the standard library working group.
- \* See <<http://www.open-std.org/jtc1/sc22/wg21/docs/lwg-defects.html#776>> or Trac issue #3168
- \* Eventually, we should remove "assign" which is now a synonym for "fill" (Marshall Clow)
- \* 10 Mar 2010 - added workaround for SUNCC and !STLPort [trac #3893] (Marshall Clow)
- \* 29 Jan 2004 - c\_array() added, BOOST\_NO\_PRIVATE\_IN\_AGGREGATE removed (Nico Josuttis)
- \* 23 Aug 2002 - fix for Non-MSVC compilers combined with MSVC libraries.
- \* 05 Aug 2001 - minor update (Nico Josuttis)
- \* 20 Jan 2001 - STLport fix (Beman Dawes)
- \* 29 Sep 2000 - Initial Revision (Nico Josuttis)
- \*
- \* Jan 29, 2004
- \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/array.hpp

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/\* Boost interval/interval.hpp header file

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/interval/interval.hpp

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=====\*/

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zip/1.75.0/include/boost/hof/detail/and.hpp

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/\*!

@file

Includes all the library components except the adapters for external libraries.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/home/support/attributes.hpp

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/\* \*\*\*\*\*

# \*

\*

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# \*

\*

# \*\*\*\*\* \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward5\_1024.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse5\_1024.hpp

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\*  
\* This header is deprecated, use boost/winapi/mutex.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/mutex.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_deque\_tie.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_make\_deque.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/detail/strictest\_traversal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/detail/pp\_map\_tie.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/zip.hpp

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\*  
\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/type\_info\_map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/segment\_backend.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/poly\_collection/detail/any\_model.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/algorithm.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/split\_segment.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/packed\_segment.hpp  
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```
/*!  
@file  
Defines `boost::hana::detail::variadic::reverse_apply_flat`.  
  
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*/
```

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zip/1.75.0/include/boost/hana/detail/variadic/reverse\_apply/flat.hpp  
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```
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@file  
Adapts `std::ratio` for use with Hana.  
  
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*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/move/make\_unique.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/smart\_ptr/unique\_ptr.hpp  
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```
/* Boost interval/checking.hpp template implementation file  
*  
*/
```

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\*/

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zip/1.75.0/include/boost/numeric/interval/checking.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/has\_attribute.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/move\_to.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/subcontext.hpp

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```
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=====*/
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zip/1.75.0/include/boost/fusion/adapted/adt.hpp

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```
/*!  
@file
```

Forward declares `boost::hana::tuple`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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/\*!

@file

Defines `boost::hana::greater\_equal`.

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zip/1.75.0/include/boost/hana/greater\_equal.hpp

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/\* Storage for a very simple basic\_result type

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Oct 2017

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/basic\_result\_storage.hpp

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/\*!

@file

Includes boost/hana/fwd/integral\_constant.hpp.

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/\*!

@file

Defines `boost::hana::any`.

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/\* Boost interval/compare.hpp template implementation file

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\*

\* This header is deprecated, use boost/winapi/apc.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/detail/winapi/apc.hpp

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zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_msvc\_arm.hpp  
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zip/1.75.0/include/boost/fusion/adapted/struct/detail/is\_sequence\_impl.hpp
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@file

Defines `boost::hana::then`.

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@file

Forward declares `boost::hana::less`.

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[auto\_generated]

boost/numeric/odeint/stepper/generation/make\_dense\_output.hpp

[begin\_description]

Factory function to simplify the creation of dense output steppers from error steppers.

[end\_description]

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@file

Defines `boost::hana::contains` and `boost::hana::in`.

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\* See <http://www.boost.org/libs/flyweight> for library home page.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Re2C based C++ lexer

http://www.boost.org/

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/\*!

@file

Defines `boost::hana::on`.

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zip/1.75.0/include/boost/algorithm/cxx11/any\_of.hpp

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/\* Boost interval/detail/division.hpp file

\*

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zip/1.75.0/include/boost/numeric/interval/detail/division.hpp

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@file

Defines `boost::hana::first`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/first.hpp

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/\* C interface for result

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (6 commits)

File Created: Aug 2017

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/spirit/include/qi\_rule.hpp
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_action.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/phoenix\_operator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_hold.hpp

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\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/composite\_key.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/global\_fun.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/raw\_ptr.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/index\_loader.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/rnd\_index\_ops.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/value\_compare.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/member.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/index\_matcher.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/ranked\_index\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_impl\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/ordered\_index\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/identity.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/ordered\_index.hpp

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::second`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/second.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::Iterable`.
```

```
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```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/concept/iterable.hpp
```

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```
/*
```

```
Copyright 2018 Glen Joseph Fernandes
```

```
(glenjofe@gmail.com)
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/core/exchange.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/core/empty_value.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/typeof/constant.hpp
```

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```
/*
```

```
[auto_generated]
```

boost/numeric/odeint/algebra/range\_algebra.hpp

[begin\_description]

Default algebra, which works with the most state types, like `vector< double >`, `boost::array< double >`, `boost::range`. Internally is uses `boost::range` to obtain the begin and end iterator of the according sequence.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/algebra/range\_algebra.hpp

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os/macos.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/os.h

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/auxiliary/any\_parser.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/adaptive\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with adaptive step size. The dereferenced types contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/adaptive\_iterator.hpp

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@file

Documents the `BOOST\_HANA\_ADAPT\_STRUCT` macro.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/adapt\_struct.hpp

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/\*!

@file

Forward declares `boost::hana::drop\_while`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/drop\_while.hpp

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```
/*=====
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tap.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/tap.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::accessors`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/accessors.hpp

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```
/*
```

```
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```

```
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```

```
* http://www.boost.org/LICENSE_1_0.txt)
```

```
*
```

```
* Copyright (c) 2009 Helge Bahmann
```

```
* Copyright (c) 2009 Phil Endecott
```

```
* Copyright (c) 2013 Tim Blechmann
```

```
* ARM Code by Phil Endecott, based on other architectures.
```

```
* Copyright (c) 2014, 2020 Andrey Semashev
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_arm.hpp

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```
/* Boost interval/detail/c99sub_rounding_control.hpp file
```

```
*
```

```
* Copyright 2000 Jens Maurer
```

```
* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/detail/c99sub\_rounding\_control.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2009 Francois Barel

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/nonterminal/extract\_param.hpp  
No license file was found, but licenses were detected in source scan.

```
/* Policies for result and outcome
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
File Created: Oct 2017
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/policy/result\_exception\_ptr\_rethrow.hpp  
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//

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//

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//

// BCrypt provider for entropy

//

#include <cstdint>

#include <boost/config.hpp>

#include <boost/core/ignore\_unused.hpp>

#include <boost/move/core.hpp>

#include <boost/numeric/conversion/cast.hpp>

#include <boost/winapi/bcrypt.hpp>

#include <boost/winapi/get\_last\_error.hpp>

#include <boost/throw\_exception.hpp>

#if defined(BOOST\_UUID\_FORCE\_AUTO\_LINK) || (!defined(BOOST\_ALL\_NO\_LIB) &&  
!defined(BOOST\_UUID\_RANDOM\_PROVIDER\_NO\_LIB))

# define BOOST\_LIB\_NAME "bcrypt"

# if defined(BOOST\_AUTO\_LINK\_NOMANGLE)

# include <boost/config/auto\_link.hpp>

# else

# define BOOST\_AUTO\_LINK\_NOMANGLE

# include <boost/config/auto\_link.hpp>

# undef BOOST\_AUTO\_LINK\_NOMANGLE

# endif

#endif

namespace boost {

namespace uuids {

namespace detail {

class random\_provider\_base

```

{
    BOOST_MOVABLE_BUT_NOT_COPYABLE(random_provider_base)

public:
    random_provider_base()
        : hProv_(NULL)
    {
        boost::winapi::NTSTATUS_ status =
            boost::winapi::BCryptOpenAlgorithmProvider(
                &hProv_,
                boost::winapi::BCRYPT_RNG_ALGORITHM_,
                NULL,
                0);

        if (BOOST_UNLIKELY(status != 0))
        {
            BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptOpenAlgorithmProvider"));
        }
    }

    random_provider_base(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT :
    hProv_(that.hProv_)
    {
        that.hProv_ = NULL;
    }

    random_provider_base& operator=(BOOST_RV_REF(random_provider_base) that) BOOST_NOEXCEPT
    {
        destroy();
        hProv_ = that.hProv_;
        that.hProv_ = NULL;
        return *this;
    }

    ~random_provider_base() BOOST_NOEXCEPT
    {
        destroy();
    }

    //! Obtain entropy and place it into a memory location
    //! \param[in] buf the location to write entropy
    //! \param[in] siz the number of bytes to acquire
    void get_random_bytes(void *buf, std::size_t siz)
    {
        boost::winapi::NTSTATUS_ status =
            boost::winapi::BCryptGenRandom(
                hProv_,
                static_cast<boost::winapi::PUCHAR_>(buf),

```

```

        boost::numeric_cast<boost::winapi::ULONG_>(siz),
        0);

    if (BOOST_UNLIKELY(status != 0))
    {
        BOOST_THROW_EXCEPTION(entropy_error(status, "BCryptGenRandom"));
    }
}

private:
void destroy() BOOST_NOEXCEPT
{
    if (hProv_)
    {
        boost::ignore_unused(boost::winapi::BCryptCloseAlgorithmProvider(hProv_, 0));
    }
}

private:
    boost::winapi::BCRYPT_ALG_HANDLE_ hProv_;
};

} // detail
} // uuids
} // boost

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/uuid/detail/random\_provider\_bcrypt.ipp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/regex\_domain.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/xpressive/detail/core/list.hpp

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=====\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute_of_binary.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/* Traits for Outcome  
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (3 commits)  
File Created: March 2018
```

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```
*/
```

```
Found in path(s):  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/trait_std_exception.hpp  
No license file was found, but licenses were detected in source scan.
```

```
/*!  
@file  
Forward declares `boost::hana::tap`.
```

```
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*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/tap.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

<http://www.boost.org/>

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_predef\_macros\_grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/symbol\_table.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_include\_paths.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_chlit\_grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_grammar\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/macro\_definition.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/cpp\_ifblock.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_literal\_grammar\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_has\_include\_grammar\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_exceptions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/macro\_helpers.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_value.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_throw.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_value\_error.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/filesystem\_compatibility.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_expression\_grammar\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/time\_conversion\_helper.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/functor\_input.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cplexer/cplexer\_exceptions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_defined\_grammar\_gen.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_intlit\_grammar.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cplexer/token\_cache.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/preprocessing\_hooks.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/transform\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/iteration\_context.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/interpret\_pragma.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/grammars/cpp\_grammar.hpp

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```
/*=====
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Copyright (c) 2001-2011 Hartmut Kaiser

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/kleene.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/plus.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/char/detail/cast\_char.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/operator/optional.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/nonterminal/detail/transform\_attribute.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/operator/list.hpp  
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```
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*  
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*  
* This header is deprecated, use boost/winapi/bcrypt.hpp instead.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/bcrypt.hpp  
No license file was found, but licenses were detected in source scan.

```
/*  
[auto_generated]  
boost/numeric/odeint/stepper/base/explicit_stepper_base.hpp
```

```
[begin_description]  
Base class for all explicit Runge Kutta steppers.  
[end_description]
```

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Copyright 2010-2012 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_stepper\_base.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/sequence/intrinsic/segments.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/is\_segmented.hpp  
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```
/*=====
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protect.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/protect.hpp  
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```
/*=====
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implicit.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/implicit.hpp  
No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/util/stepper_traits.hpp
```

```
[begin_description]
tba.
[end_description]
```

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copy at http://www.boost.org/LICENSE\_1\_0.txt)  
\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/stepper\_traits.hpp  
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```
/* boost random/uniform_01.hpp header file
*
* Copyright Jens Maurer 2000-2001
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-02-18 moved to individual header files
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/uniform_01.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::variadic::split_at`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/detail/variadic/split_at.hpp
```

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```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman
```

```
Copyright (c) 2001-2011 Hartmut Kaiser
```

```
Copyright (c) 2010-2011 Bryce Lebach
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/utree/utree_traits.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/support/utree/utree.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::lazy`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/lazy.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/generation/generation_dense_output_runge_kutta.hpp
```

```
[begin_description]
```

```
Specialization of the controller factory for the dense_output_runge_kutta class.
```

```
[end_description]
```

```
Copyright 2011-2012 Karsten Ahnert
```

```
Copyright 2011-2012 Mario Mulansky
```

```
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```

```
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```

```
copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation_dense_output_runge_kutta.hpp
```

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```
/*=====
```

```
Copyright (c) 2001-2011 Joel de Guzman
```

```
Copyright (c) 2007 Dan Marsden
```

```
Copyright (c) 2009-2010 Christopher Schmidt
```

```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
```

```
This is an auto-generated file. Do not edit!
```

```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/fold.hpp

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/\*=====

simplexml.cpp

Spirit V1.3

URL: <http://spirit.sourceforge.net/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/impl/basic\_xml\_grammar.hpp

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\*

\* See [http://www.boost.org/libs/poly\\_collection](http://www.boost.org/libs/poly_collection) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/detail/is\_likely\_lambda.hpp

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```
/*
 * Copyright 2017 Andrey Semashev
 *
 * Distributed under the Boost Software License, Version 1.0.
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 *
 * This header is deprecated, use boost/winapi/event.hpp instead.
 */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/event.hpp
```

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```
/* *****
# *
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# * accompanying file LICENSE_1_0.txt or copy at
# * http://www.boost.org/LICENSE\_1\_0.txt)
# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/facilities/is_empty_or_1.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/facilities/is_1.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*
[auto_generated]
boost/numeric/odeint/stepper/rosenbrock4_dense_output.hpp
```

```
[begin_description]
Dense output for Rosenbrock 4.
[end_description]
```

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Copyright 2011-2015 Mario Mulansky  
Copyright 2012 Christoph Koke

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/rosenbrock4\_dense\_output.hpp  
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\*

\* This header is deprecated, use boost/winapi/jobs.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/jobs.hpp  
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/\* Boost interval/limits.hpp template implementation file

\*

\* Copyright 2000 Jens Maurer

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/limits.hpp  
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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Detect the need to insert a whitespace token into the output stream

<http://www.boost.org/>

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/insert\_whitespace\_detection.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/lib/cmake/BoostDetectToolset-  
1.75.0.cmake

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/lib/cmake/Boost-  
1.75.0/BoostConfig.cmake

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/\*

[begin\_description]

Modification of the implicit Euler method, works with the MTL4 matrix library only.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/mtl4\_resize.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mtl4/implicit\_euler\_mtl4.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/scope/let.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_dopri5.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Dormand-Prince5 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_dopri5.hpp

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/\*!

@file

Defines `boost::hana::max`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/max.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/log/utility/open\_mode.hpp

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```
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http://www.boost.org/LICENSE_1_0.txt)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/platform/windows_phone.h
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/platform/windows_store.h
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/platform/windows_runtime.h
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/predef/platform/windows_desktop.h
```

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```
/* Policies for result and outcome
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits) and Andrzej Krzemieski
<akrzemi1@gmail.com> (1 commit)
File Created: Oct 2017
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/base.hpp

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/\*!

@file

Forward declares `boost::hana::Group`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/group.hpp

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/\*!

@file

Defines `boost::hana::extend`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/extend.hpp

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\*

\* This header is deprecated, use boost/winapi/environment.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/environment.hpp

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```
/* boost random/discard_block.hpp header file
*
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* Copyright Steven Watanabe 2010
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
* Revision history
* 2001-03-02 created
*/
```

Found in path(s):

```
*/opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/discard_block.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::is_disjoint`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/is_disjoint.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/base/explicit_error_stepper_fsal_base.hpp
```

```
[begin_description]
```

```
Base class for all explicit first-same-as-last Runge Kutta steppers.
```

```
[end_description]
```

```
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```

```
Copyright 2010-2012 Mario Mulansky
```

```
Copyright 2012 Christoph Koke
```

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/explicit\_error\_stepper\_fsal\_base.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/ode\_iterator\_base.hpp

[begin\_description]

Base class for const\_step\_iterator and adaptive\_iterator.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/detail/ode\_iterator\_base.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/detail/is\_range.hpp

[begin\_description]

is\_range implementation. Taken from the boost::range library.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/detail/is\_range.hpp

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/\*!

@file

Defines `boost::hana::detail::nested\_by`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_by.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_system\_directory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_system\_directory.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/parse\_auto.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/directive/matches.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/detail/parse.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/qi/detail/alternative\_function.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/utree/utree\_traits\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/skip\_flag.hpp  
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/\*!

@file

Forward declares `boost::hana::prepend`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/prepend.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_norm\_inf.hpp

[begin\_description]

vector\_space\_norm\_inf specialization for vexcl

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_norm\_inf.hpp

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/assume\_aligned\_intel.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/assume\_aligned\_msvc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/assume\_aligned\_gcc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/assume\_aligned.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/assume\_aligned.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/arity.hpp

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Revision history:

27 June 2009 mtc First version

23 Oct 2010 mtc Added predicate version

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/clamp.hpp

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```
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/numeric/bool_policies.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/numeric/bool.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::find`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/find.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::filter`.
```

```
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/filter.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::take_while`.
```

```
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```

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/take\_while.hpp

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=====\*/

// for more details.

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/insert\_at\_actor.hpp

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/\*=====

Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the preprocessor context

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_context.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpp\_iteration\_context.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/n\_step\_time\_iterator.hpp

[begin\_description]

Iterator for iterating through the solution of an ODE with constant step size performing exactly n steps.

The dereferenced type contains also the time.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/n\_step\_time\_iterator.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/filter\_view\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/unused.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/remove\_if.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_deque.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/sync\_queue.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_bounded\_queue.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/sync\_bounded\_queue.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/concurrent\_queues/sync\_queue.hpp

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/\* A less simple result type

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/boost\_outcome.hpp

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/\*!

@file

Defines `boost::hana::all`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/all.hpp

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/\*!

@file

Defines macros for tracking the version of the library.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/version.hpp

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/\*!

@file

Forward declares `boost::hana::unfold\_right`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/unfold\_right.hpp

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\*

\* This header is deprecated, use boost/winapi/local\_memory.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/local\_memory.hpp

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/\* boost random/detail/polynomial.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/polynomial.hpp

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/\* A partial result based on std::variant and proposed std::error

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/result.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/pointer\_traits.hpp

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/\*!

@file

Forward declares `boost::hana::detail::nested\_than`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/nested\_than\_fwd.hpp

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@file

Defines `boost::hana::lexicographical\_compare`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/lexicographical\_compare.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/qi\_as.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/support\_line\_pos\_iterator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/include/karma\_as.hpp

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@file

Forward declares `boost::hana::sort`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/sort.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/config.hpp

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/\*!

@file

Defines `boost::hana::detail::has\_duplicates`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/has\_duplicates.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/detail/os\_detected.h

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/\*!

@file

Forward declares `boost::hana::Comonad`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/comonad.hpp

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@file

Defines `boost::hana::drop\_front\_exactly`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/drop\_front\_exactly.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/actor/ref\_value\_actor.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (c) 2015 Paul Fultz II
flow.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/flow.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Forward declares `boost::hana::Monoid`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/monoid.hpp  
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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/compute/compute_algebra_dispatcher.hpp
```

```
[begin_description]
```

```
algebra_dispatcher specialization for Boost.Compute
```

```
[end_description]
```

```
Copyright 2009-2013 Karsten Ahnert
```

```
Copyright 2009-2013 Mario Mulansky
```

```
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```

```
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```

```
copy at http://www.boost.org/LICENSE_1_0.txt)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute\_algebra\_dispatcher.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

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Copyright (c) 2001-2011 Hartmut Kaiser.
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

This is a strict lexer conforming to the Standard as close as possible.
It does not allow the '$' to be part of identifiers. If you need the '$'
character in identifiers please include the lexer definition provided
in the cpp.re file.

TODO:
    handle errors better.
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/cpplexer/re2clex/strict_cpp_re.inc
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```

```
/*=====
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/core/assert.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/debug.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/debug/minimal.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/debug/parser_names.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/attribute/closure.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/attribute.hpp
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```

```
/*=====
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/fusion/support/detail/is_native_fusion_sequence.hpp
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```

```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library

Definition of the position_iterator and file_position templates

http://www.boost.org/

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Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/util/file_position.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Defines the `Logical` and `Comparable` models of `boost::hana::integral_constant`.

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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/bool.hpp
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```

```
/* Copyright (C) 2001
# * Housemarque Oy
# * http://www.housemarque.com
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# * accompanying file LICENSE_1_0.txt or copy at
```

```
# * http://www.boost.org/LICENSE\_1\_0.txt
# *
# * See http://www.boost.org for most recent version.
# */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/list/adt.hpp
```

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```
/*=====
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Copyright (c) 2014 John Fletcher

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/bind/bind_member_variable.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/phoenix/bind/detail/cpp03/bind_member_function.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/algebra/fusion_algebra.hpp
```

```
[begin_description]
Algebra for boost::fusion sequences.
[end_description]
```

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Copyright 2011-2013 Mario Mulansky

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\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/algebra/fusion_algebra.hpp
```

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```
/**
* *- c++ -*-
```

```
*
* \file c_array.hpp
*
* \brief provides specializations of matrix and vector traits for c arrays and c matrices.
*
* Copyright (c) 2009, Gunter Winkler
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* \author Gunter Winkler (guwi17 at gmx dot de)
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/ublas/traits/c_array.hpp
```

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```
// Copyright 2010 Eric Niebler. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/std/utility.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/at.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/as_expr.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/std.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/push_back.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/reverse.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/push_front.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/pop_front.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional/fusion/pop_back.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/functional.hpp
```

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```
// (C) Copyright Ion Gaztanaga 2012-2012. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/condition_any_algorithm.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/config_begin.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/config_end.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config_external_end.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/interprocess_condition_any.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/config_external_begin.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/detail/locks.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::default_` and `boost::hana::is_default`.
```

```
@copyright Louis Dionne 2013-2017
```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/default.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::always`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/always.hpp
```

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```
/* boost random/uniform_smallint.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2000-2001
```

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\* accompanying file LICENSE\_1\_0.txt or copy at  
\* [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))  
\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$\br/>\*  
\* Revision history  
\* 2001-04-08 added min<max assertion (N. Becker)  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_smallint.hpp  
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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/make\_local\_shared\_array.hpp  
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/\*!

@file

Forward declares `boost::hana::contains` and `boost::hana::in`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/contains.hpp  
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/\*

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/in.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/out.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/io/detail/out.hpp

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/\*!

@file

Adapts `boost::tuple` for use with Hana.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/boost/tuple.hpp

No license file was found, but licenses were detected in source scan.

/\* boost random/extreme\_value\_distribution.hpp header file

\*

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\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/extreme\_value\_distribution.hpp

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/\*!

@file

Defines `boost::hana::product`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/product.hpp

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/detail/expression.hpp

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/\* boost random/binomial\_distribution.hpp header file

\*

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\*

\* \$Id\$

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/binomial\_distribution.hpp

No license file was found, but licenses were detected in source scan.

/\*=====

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capture.h

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/capture.hpp

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/\*

\* Defines the class template boost::iostreams::detail::device\_adapter,

\* a convenience base class for device adapters.

\*

\* File: boost/iostreams/detail/adapter/filter\_adapter.hpp

\* Date: Mon Nov 26 14:35:48 MST 2007

\*

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/adapter/device\_adapter.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/scoped\_allocator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/allocator\_traits.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute\_category.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_variant.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/variant_find_substitute.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_substitute.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/is_range.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/variant_has_substitute.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/context.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/x3/support/traits/attribute_type.hpp
```

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```
/* *****
# *
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# *
# ***** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/preprocessor/config/config.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/util/state_wrapper.hpp
```

```
[begin_description]
```

State wrapper for the state type in all stepper. The state wrappers are responsible for construction, destruction, copying construction, assignment and resizing.

```
[end_description]
```

Copyright 2011-2013 Karsten Ahnert

Copyright 2011 Mario Mulansky

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/resize.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/same\_size.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/basic\_endpoint.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/detail/impl/endpoint.ipp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/local/detail/endpoint.hpp

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```
/*=====
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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator/position\_iterator.hpp

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```
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* Copyright 2015, 2017 Andrey Semashev
*
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* See http://www.boost.org/LICENSE_1_0.txt
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/heap\_memory.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/event.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/winapi/mutex.hpp

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/\* boost random/mersenne\_twister.hpp header file

\*

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\*

\* \$Id\$

\*

\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/random/detail/generator\_seed\_seq.hpp

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zip/1.75.0/include/boost/container/detail/function\_detector.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/intrusive/detail/function\_detector.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/predef/language/cuda.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/predef/architecture/ptx.h

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/predef/compiler/nvcc.h

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/list.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/set.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/flat\_set.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/variadic\_templates\_tools.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/vector.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/stable\_vector.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/string.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/version\_type.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/pair.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/managed\_xsi\_shared\_memory.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/allocators/detail/allocator\_common.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/allocation\_type.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/flat\_map.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/map.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/deque.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/containers/slist.hpp

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/predef/version\_number.h

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```
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# * (C) Copyright Edward Diener 2011. *  
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# * accompanying file LICENSE_1_0.txt or copy at *  
# * http://www.boost.org/LICENSE_1_0.txt) *  
# *  
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/facilities/overload.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/seq/to_list.hpp
```

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```
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# *  
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# * accompanying file LICENSE_3_0.txt or copy at  
# * http://www.boost.org/LICENSE_3_0.txt)  
# *  
# **** */
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/forward3_1024.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/iteration/detail/iter/limits/reverse3_1024.hpp
```

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```
/*!  
@file  
Defines `boost::hana::detail::fast_and`.
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/fast_and.hpp
```

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/\*!

@file

Defines operators for Orderables.

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zip/1.75.0/include/boost/hana/detail/operators/orderable.hpp

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/\* boost random/xor\_combine.hpp header file

\*

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\*

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\*

\* \$Id\$

\*

\*/

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zip/1.75.0/include/boost/random/xor\_combine.hpp

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\*

\* This header is deprecated, use boost/winapi/tls.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/tls.hpp

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```
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http://www.boost.org/LICENSE_1_0.txt)
+-----*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/type_traits/type_to_string.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/icl/separate_interval_set.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/icl/functors.hpp
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```

```
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```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/proto/detail/remove_typename.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_copy.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_resize.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_norm_inf.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/nt2/nt2_algebra_dispatcher.hpp
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```

```
/*
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*
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*
* This header is deprecated, use boost/winapi/access_rights.hpp instead.
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/winapi/access_rights.hpp
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```

```
/*!
@file
Forward declares `boost::hana::is_subset`.
```

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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/is\_subset.hpp  
No license file was found, but licenses were detected in source scan.

/\*!  
@file  
Defines `boost::hana::adjust\_if`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/adjust\_if.hpp  
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/\*!  
@file  
Defines `boost::hana::index\_if`.

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/index\_if.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/external/mpi/mpi\_vector\_state.hpp  
  
[begin\_description]  
Copying a container from/to an mpi\_state splits/joins it.  
[end\_description]

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Copyright 2013 Mario Mulansky  
Copyright 2013 Pascal Germroth

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_vector\_state.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/algorithm.hpp  
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/\*!

@file

Defines `boost::hana::drop\_while`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/drop\_while.hpp

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/\*!

@file

Defines macros for commonly used type traits.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/intrinsics.hpp

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/\*

\* [begin\_description]

\* Boost bind pull the placeholders, \_1, \_2, ... into global  
\* namespace. This can conflict with the C++03 TR1 and C++11  
\* std::placeholders. This header provides a workaround for  
\* this problem.

\* [end\_description]

\*

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\* Copyright 2012 Karsten Ahnert

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\* copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

\* \*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/bind.hpp

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/\*=====

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=====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/match\_manip.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if\_ns.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/binary/binary.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/attr.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/binary/binary.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/algorithm/any\_if\_ns\_so.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eol.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/auxiliary/eoi.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/qi/stream/match\_manip\_attr.hpp

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/bcrypt.hpp

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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_gen.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/io.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_30.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/static\_cast.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/reference.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/const\_cast.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_10.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_40.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/delete.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/switch.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/new.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/do\_while.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_50.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/for.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/detail/target.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_gen\_20.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/construct.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/if\_else.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/reinterpret\_cast.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/object/dynamic\_cast.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/core/value.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/phoenix/statement/while.hpp  
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```
/* boost/random/piecewise_linear_distribution.hpp header file
*
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* accompanying file LICENSE_1_0.txt or copy at
* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_linear\_distribution.hpp  
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```
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*
* See http://www.boost.org/libs/poly_collection for library home page.
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/poly\_collection/detail/allocator\_adaptor.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
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Copyright (c) 2003 Giovanni Bajo
http://spirit.sourceforge.net/

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/iterator.hpp  
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```
/*=====
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/config.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/detail/extension.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/state\_wrapper.hpp

[begin\_description]

State wrapper for the state type in all stepper. The state wrappers are responsible for construction, destruction, copying construction, assignment and resizing.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/state\_wrapper.hpp

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```
/*
[auto_generated]
boost/numeric/odeint/stepper/detail/generic_rk_algorithm.hpp
```

```
[begin_description]
Implementation of the generic Runge-Kutta method.
[end_description]
```

```
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Copyright 2012 Christoph Koke
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic_rk_algorithm.hpp
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```

```
/*=====
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compressed_pair.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hof/detail/compressed_pair.hpp
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```

```
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```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/tail.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/accumulators/statistics/tail_variate.hpp
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```

```
/*!
@file
Defines `boost::hana::Foldable`.

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```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/foldable.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/progress.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/timer.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/non\_terminal/parser\_id.hpp

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\*

\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp

\* Date: Thu Dec 06 13:21:54 MST 2007

\* Copyright: 2007-2008 CodeRage, LLC

\* Author: Jonathan Turkanis

\* Contact: turkanis at coderage dot com

\*

\* Defines the function boost::iostreams::detail::current\_directory, used by

\* boost::iostreams::detail::absolute\_path.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/iostreams/detail/current\_directory.hpp

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```
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Copyright (c) 2001-2007 Hartmut Kaiser
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=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/tree/parse_tree.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/tree/parse_tree_utils.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/spirit/home/classic/tree/ast.hpp
```

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```
/* A very simple result type
```

```
(C) 2017-2020 Niall Douglas <http://www.nedproductions.biz/> (14 commits)
```

```
File Created: June 2017
```

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/basic\_result.hpp

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/\* boost random/ranlux.hpp header file

\*

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\*

\* See <http://www.boost.org> for most recent version including documentation.

\*

\* \$Id\$

\*

\* Revision history

\* 2001-02-18 created

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/ranlux.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/detail/shared\_dir\_helpers.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/end\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/begin\_impl.hpp



\* \$Id\$

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/piecewise\_constant\_distribution.hpp

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zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/iter\_fold.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/detail/preprocessed/reverse\_iter\_fold.hpp

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@file

Forward declares `boost::hana::less\_equal`.

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zip/1.75.0/include/boost/hana/fwd/less\_equal.hpp

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/\*

boost/numeric/odeint/stepper/detail/adaptive\_adams\_coefficients.hpp

[begin\_description]

Calculation of the coefficients for the adaptive adams stepper.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adaptive\_adams\_coefficients.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/nil.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/attribute/parametric.hpp  
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zip/1.75.0/include/boost/spirit/home/classic/utility/impl/chset/range\_run.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/spirit/home/classic/symbols.hpp  
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zip/1.75.0/include/boost/spirit/home/classic/error\_handling/exceptions.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/symbols/symbols.hpp

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/\* boost random/detail/config.hpp header file

\*

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\*

\* \$Id\$

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/config.hpp

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@file

Forward declares `boost::hana::Struct`.

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zip/1.75.0/include/boost/align/detail/align.hpp

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```
/* boost random/uniform_real_distribution.hpp header file
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*
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*
* $Id$
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/uniform_real_distribution.hpp
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/test/detail/enable_warnings.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/bind.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/underlying_type.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/test/data/monomorphic/zip.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/mp11/algorithm.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/test/detail/pp_variadic.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/filesystem/string_file.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/type_traits/copy_cv.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/test/tools/fpc_tolerance.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
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zip/1.75.0/include/boost/endian/detail/intrinsic.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/test/utills/runtime/env/fetch.hpp  
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zip/1.75.0/include/boost/timer/config.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/config/platform/zos.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/ptr\_container/detail/ptr\_container\_disable\_deprecated.hpp  
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@file

Defines `boost::hana::overload`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/overload.hpp

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```
/* *****  
# * *  
# * (C) Copyright Edward Diener 2019.  
# * Distributed under the Boost Software License, Version 1.0. (See  
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# * http://www.boost.org/LICENSE\_1\_0.txt)  
# * *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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@file

Forward declares `boost::hana::at\_key`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/at\_key.hpp

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/inflate_stream.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/deflate_stream.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/ranges.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/impl/error.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/bitstream.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/error.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/inflate_stream.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/detail/window.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/deflate_stream.hpp  
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/zlib/zlib.hpp
```

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@file

Defines `boost::hana::detail::unpack\_flatten`.

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zip/1.75.0/include/boost/hana/detail/unpack\_flatten.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/returns.hpp

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/sequenced\_index\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/uintptr\_type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/is\_index\_list.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index\_container\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/vartempl\_support.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/has\_tag.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/key\_extractors.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/multi\_index/detail/base\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/unbounded.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/hashed\_index\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/node\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/modify\_key\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_args.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/serialization\_version.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/no\_duplicate\_tags.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/indexed\_by.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/iter\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/identity\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/index\_saver.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/access\_specifier.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/tag.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/invariant\_assert.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/hash\_index\_args.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/adl\_swap.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/do\_not\_copy\_elements\_tag.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/random\_access\_index\_fwd.hpp  
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```
/* boost random/generate_canonical.hpp header file
*
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*
* See http://www.boost.org for most recent version including documentation.
*
```

\* \$Id\$

\*

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/generate\_canonical.hpp

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@file

Forward declares `boost::hana::Comparable`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/comparable.hpp

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infix.h

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

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zip/1.75.0/include/boost/flyweight/intermodule\_holder.hpp

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//

```

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//
// Official repository: https://github.com/boostorg/beast
//

#ifndef BOOST_BEAST_DETAIL_IMPL_TEMPORARY_BUFFER_IPP
#define BOOST_BEAST_DETAIL_IMPL_TEMPORARY_BUFFER_IPP

#include <boost/beast/core/detail/temporary_buffer.hpp>
#include <boost/beast/core/detail/clamp.hpp>
#include <boost/core/exchange.hpp>
#include <boost/assert.hpp>
#include <memory>
#include <cstring>

namespace boost {
namespace beast {
namespace detail {

void
temporary_buffer::
append(string_view s)
{
    grow(s.size());
    unchecked_append(s);
}

void
temporary_buffer::
append(string_view s1, string_view s2)
{
    grow(s1.size() + s2.size());
    unchecked_append(s1);
    unchecked_append(s2);
}

void
temporary_buffer::
unchecked_append(string_view s)
{
    auto n = s.size();
    std::memcpy(&data_[size_], s.data(), n);
    size_ += n;
}

```

```

void
temporary_buffer::
grow(std::size_t n)
{
    if (capacity_ - size_ >= n)
        return;

    auto const capacity = (n + size_) * 2u;
    BOOST_ASSERT(! detail::sum_exceeds(
        n, size_, capacity));
    char* const p = new char[capacity];
    std::memcpy(p, data_, size_);
    deallocate(boost::exchange(data_, p));
    capacity_ = capacity;
}
} // detail
} // beast
} // boost

```

#endif

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/beast/core/detail/impl/temporary\_buffer.ipp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/meta\_compiler.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/make\_component.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/make\_cons.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/common\_terminals.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/modify.hpp

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@file

Forward declares `boost::hana::not\_`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/not.hpp

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zip/1.75.0/include/boost/hana/fwd/minimum.hpp

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zip/1.75.0/include/boost/intrusive/rbtree\_algorithms.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/type\_traits/copy\_reference.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/type\_traits/copy\_cv\_ref.hpp  
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```
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* http://www.boost.org/LICENSE_1_0.txt)  
*  
* See http://www.boost.org/libs/multi_index for library home page.  
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/header\_holder.hpp  
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```
/*=====
```

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```
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/with.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/raw.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::Iterable`.  
  
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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/iterable.hpp  
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```
/*!  
@file  
Forward declares `boost::hana::for_each`.
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/for\_each.hpp  
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/\*!  
@file  
Defines `boost::hana::id`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/sequence.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/as\_deque.hpp

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zip/1.75.0/include/boost/spirit/home/x3/support/ast/position\_tagged.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/spirit/home/x3/support/utility/error\_reporting.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/support/utility/lambda\_visitor.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/integrate/detail/functors.hpp

[begin\_description]  
some functors for the iterator based integrate routines  
[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/detail/functors.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/detail/functors.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/cpp03/vector.hpp  
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/\* boost random/geometric\_distribution.hpp header file  
\*  
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\*  
\* See <http://www.boost.org> for most recent version including documentation.  
\*  
\* \$Id\$  
\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/geometric\_distribution.hpp  
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zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_alpha.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_ppc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps\_arch\_gcc\_ppc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_ppc\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/ops\_gcc\_arm\_common.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_arch\_ops\_gcc\_alpha.hpp  
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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3/directive/no_skip.hpp
```

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```
/*!
```

```
@file
```

```
Defines `boost::hana::plus`.
```

```
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```

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```

```
*/
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/plus.hpp
```

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```
/*
```

```
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```

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```

```
*/
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/algorithm/cxx11/is_permutation.hpp
```

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```
/*=====
```

```
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```

```
repeat.h
```

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```

```
=====*/
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/repeat.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/external/mkl/mkl_operations.hpp
```

```
[begin_description]
```

```
Wrapper classes for intel math kernel library types.
```

```
Get a free, non-commercial download of MKL at
```

<http://software.intel.com/en-us/articles/non-commercial-software-download/>  
[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/mkl/mkl\_operations.hpp

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@file

Defines `boost::hana::Logical`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/logical.hpp

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@file

Defines `boost::hana::size`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/size.hpp

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator\_fwd.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/prior\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/value\_at\_key.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/deref\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/size\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/distance\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/swap.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/advance\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/transformation/join.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/next\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/sequence/intrinsic/at\_key.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/equal\_to\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/zip\_view\_iterator.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/end\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/zip\_view/detail/begin\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/pair\_tie.hpp

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/\* Boost interval/rounded\_arith.hpp template implementation file

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/phoenix/operator/member.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_50.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_40.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_20.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/mem\_fun\_ptr\_eval.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/cpp03/preprocessed/mem\_fun\_ptr\_eval\_30.hpp  
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@file

Forward declares `boost::hana::unpack`.

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*

\* The internal implementation of red-black trees is based on that of SGI STL

\* stl\_tree.h file:

\*

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index/detail/ord\_index\_ops.hpp  
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\*  
\* See <http://www.boost.org/libs/iostreams> for documentation.

\* File: boost/iostreams/detail/execute.hpp  
\* Date: Thu Dec 06 13:21:54 MST 2007  
\* Copyright: 2007-2008 CodeRage, LLC  
\* Author: Jonathan Turkanis  
\* Contact: turkanis at coderage dot com

\* Defines the overloaded function template  
\* boost::iostreams::detail::execute\_all() and the function template  
\* boost::iostreams::detail::execute\_foreach().  
\*  
\* execute\_all() invokes a primary operation and performs a sequence of cleanup  
\* operations, returning the result of the primary operation if no exceptions  
\* are thrown. If one of the operations throws an exception, performs the  
\* remaining operations and rethrows the initial exception.  
\*  
\* execute\_foreach() is a variant of std::foreach which invokes a function  
\* object for each item in a sequence, catching all exceptions and rethrowing  
\* the first caught exception after the function object has been invoked on each  
\* item.  
\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/iostreams/detail/execute.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/min\_max.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/config\_begin.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/node\_alloc\_holder.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/workaround.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_common\_alloc.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/flat\_set.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/node\_pool\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/config\_end.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pool\_common.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/workaround.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/set.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/flat\_map.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/map.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/version\_type.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/multiallocation\_chain.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/pair\_key\_mapped\_of\_value.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/adaptive\_node\_pool\_impl.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/container/detail/alloc\_lib.h  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/allocation\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/adaptive\_pool.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/adl\_move\_swap.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/copy\_move\_algo.hpp  
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```
/* boost random/detail/generator_bits.hpp header file
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*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/generator\_bits.hpp  
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```
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```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/is\_aligned.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/min\_size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_gcc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator\_adaptor\_forward.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/make\_unique.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_posix.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/is\_alignment.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/aligned\_allocator\_forward.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_android.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_codegear.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/alignment\_of\_forward.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/max\_objects.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/is\_alignment\_constant.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_clang.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/alignment\_of\_cxx11.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/align\_cxx11.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_msvc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_macos.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/aligned\_alloc\_sunos.hpp

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zip/1.75.0/include/boost/concept/assert.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/has\_constraints.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function1.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function\_n.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function3.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/general.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/concept\_def.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/concept/detail/concept\_undef.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/borland.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/archive/detail/register\_archive.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/general.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function2.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/pod\_singleton.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/numeric/detail/function4.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/usage.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/detail/msvc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/borland.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/has\_constraints.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept/requires.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/concept\_check/msvc.hpp

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[auto\_generated]

boost/numeric/odeint/iterator/detail/const\_step\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/iterator/impl/const\_step\_iterator\_impl.hpp

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zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_keyed\_values\_call.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/end\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/front\_extended\_deque.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/deque.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_keyed\_values.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/deque\_keyed\_values.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_forward\_ctor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_initial\_size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/back\_extended\_deque.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/begin\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/limits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/keyed\_element.hpp  
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[auto\_generated]

boost/numeric/odeint/integrate/null\_observer.hpp

[begin\_description]

null\_observer  
[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/integrate/null\_observer.hpp  
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/\*!  
@file  
Adapts `boost::fusion::deque` for use with Hana.

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zip/1.75.0/include/boost/hana/ext/boost/fusion/deque.hpp  
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```
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```

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zip/1.75.0/include/boost/hof/detail/using.hpp  
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/\* Boost interval/constants.hpp template implementation file  
\*  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/constants.hpp

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@file

Defines `boost::hana::insert`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_sync.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_recursive\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_wrapper\_common.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_mutex.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_semaphore\_wrapper.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/winapi\_mutex\_wrapper.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_condition\_any.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_semaphore.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/sync/windows/named\_condition.hpp  
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zip/1.75.0/include/boost/fusion/algorithm/query/all.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count\_if.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/count.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/all.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/detail/count\_if.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/query/none.hpp  
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```
/*!
@file
Defines `boost::hana::span`.
```

```
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/\*

[auto\_generated]

boost/numeric/odeint/stepper/explicit\_error\_generic\_rk.hpp

[begin\_description]

Implementation of the generic Runge Kutta error stepper. Base class for many RK error steppers.

[end\_description]

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[auto\_generated]

boost/numeric/odeint/stepper/euler.hpp

[begin\_description]

Implementation of the classical explicit Euler stepper. This method is really simple and should only be used for demonstration purposes.

[end\_description]

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@file

Defines `boost::hana::type` and related utilities.

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_controlled\_runge\_kutta.hpp

[begin\_description]

Specialization of the controller factory for the controlled\_runge\_kutta class.

[end\_description]

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[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp

[begin\_description]

Definition of the coefficients for the Adams-Bashforth method.

[end\_description]

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_bashforth\_coefficients.hpp

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```
/*=====
Copyright (c) 2012 Paul Fultz II
seq.h
Distributed under the Boost Software License, Version 1.0. (See accompanying
file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/seq.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/miller\_rabin.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/limits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/explicit\_conversion.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/is\_restricted\_conversion.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/add.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/digits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/max\_digits10.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/traits/extract\_exponent\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/integer.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/debug\_adaptor.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/multiprecision/concepts/mp\_number\_archetypes.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/divide.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/checked.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/number\_compare.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/bitwise.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/random.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/cpp\_int\_config.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/cpp\_int/comparison.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/no\_et\_ops.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/detail/integer\_ops.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multiprecision/logged\_adaptor.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
Copyright (C) 2006 Tobias Schwinger
http://spirit.sourceforge.net

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/core/primitives/numerics\_fwd.hpp  
No license file was found, but licenses were detected in source scan.

```
/*!
@file
Defines `boost::hana::take_back`.

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*/
```

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/take\_back.hpp

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```
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
The definition of a default set of token identifiers and related
functions.

http://www.boost.org/

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Software License, Version 1.0. (See accompanying file
LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/wave/token_ids.hpp
```

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```
/*
[auto_generated]
boost/numeric/odeint/external/compute/compute_operations.hpp

[begin_description]
Operations of Boost.Compute zipped iterators. Is the counterpart of the compute_algebra.
[end_description]
```

Copyright 2009-2011 Karsten Ahnert  
Copyright 2009-2011 Mario Mulansky

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\*/

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/numeric/odeint/external/compute/compute_operations.hpp
```

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```
/*!
@file
Defines `boost::hana::infix`.
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/infix.hpp

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+-----\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/interval\_base\_set.hpp

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/\*

@file is\_transaction\_safe

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/is\_transaction\_safe.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/rule\_parser.hpp

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eval.h

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/eval.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/struct/adapt\_struct\_named.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/try\_catch.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/statement/throw.hpp

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/\*!

@file

Defines `boost::hana::one`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/one.hpp

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/\* Boost interval/detail/test\_input.hpp file

\*

\* Copyright 2002 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/interval/detail/test\_input.hpp

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zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_2.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_3.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_varargs\_2.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/pmf\_varargs\_3.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_ptr\_2.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/fold.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/smart\_ptr/allocate\_local\_shared\_array.hpp

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\*

\* This header is deprecated, use boost/winapi/init\_once.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/detail/winapi/init\_once.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/hof/detail/make.hpp

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/\*!

@file

Adapts `std::vector` for use with Hana.

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@copyright Gonzalo Brito Gadeschi 2015

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/vector.hpp

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/\*!

@file

Defines `boost::hana::string`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/string.hpp

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@file

Defines `boost::hana::common` and `boost::hana::common\_t`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/core/common.hpp

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/\*!

@file

Defines `boost::hana::compose`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/functional/compose.hpp

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```
/*=====
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Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2010 Bryce Lelbach

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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/attributes\_fwd.hpp

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```
/* Traits for Outcome
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (6 commits)
File Created: March 2018
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/detail/trait\_std\_error\_code.hpp

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/\* A less simple result type

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/basic\_outcome.hpp

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/\*!

@file

Forward declares `boost::hana::Constant`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/constant.hpp

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\*

\* This header is deprecated, use boost/winapi/get\_last\_error.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/get\_last\_error.hpp

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@file

Forward declares `boost::hana::comparing`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/interprocess/xsi\_key.hpp

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/\* boost random/detail/qrng\_base.hpp header file

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/qrng\_base.hpp

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/\*=====

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/adapted/adt/adapt\_adt\_named.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/util/is\_resizeable.hpp

[begin\_description]

Metafunction to determine if a state type can be resized. For usage in the steppers.

[end\_description]

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Copyright 2011 Mario Mulansky

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/util/is\_resizeable.hpp

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/\*!

@file

Defines `boost::hana::experimental::types``.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/experimental/types.hpp

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//

// ip/impl/address\_v6.hpp

// ~~~~~

//

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//

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//

#ifndef BOOST\_ASIO\_IP\_IMPL\_ADDRESS\_V6\_IPP

#define BOOST\_ASIO\_IP\_IMPL\_ADDRESS\_V6\_IPP

#if defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

# pragma once

#endif // defined(\_MSC\_VER) && (\_MSC\_VER >= 1200)

#include <boost/asio/detail/config.hpp>

#include <cstring>

#include <stdexcept>

#include <typeinfo>

#include <boost/asio/detail/socket\_ops.hpp>

#include <boost/asio/detail/throw\_error.hpp>

#include <boost/asio/detail/throw\_exception.hpp>

#include <boost/asio/error.hpp>

#include <boost/asio/ip/address\_v6.hpp>

#include <boost/asio/ip/bad\_address\_cast.hpp>

#include <boost/asio/detail/push\_options.hpp>

namespace boost {

namespace asio {

namespace ip {

address\_v6::address\_v6() BOOST\_ASIO\_NOEXCEPT

: addr\_(),

scope\_id\_(0)

{

}

```

address_v6::address_v6(const address_v6::bytes_type& bytes,
    unsigned long scope)
    : scope_id_(scope)
    {
#if UCHAR_MAX > 0xFF
    for (std::size_t i = 0; i < bytes.size(); ++i)
    {
        if (bytes[i] > 0xFF)
        {
            std::out_of_range ex("address_v6 from bytes_type");
            boost::asio::detail::throw_exception(ex);
        }
    }
#endif // UCHAR_MAX > 0xFF

    using namespace std; // For memcpy.
    memcpy(addr_s6_addr, bytes.data(), 16);
}

address_v6::address_v6(const address_v6& other) BOOST_ASIO_NOEXCEPT
    : addr_(other.addr_),
      scope_id_(other.scope_id_)
    {
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6::address_v6(address_v6&& other) BOOST_ASIO_NOEXCEPT
    : addr_(other.addr_),
      scope_id_(other.scope_id_)
    {
}
#endif // defined(BOOST_ASIO_HAS_MOVE)

address_v6& address_v6::operator=(const address_v6& other) BOOST_ASIO_NOEXCEPT
{
    addr_ = other.addr_;
    scope_id_ = other.scope_id_;
    return *this;
}

#if defined(BOOST_ASIO_HAS_MOVE)
address_v6& address_v6::operator=(address_v6&& other) BOOST_ASIO_NOEXCEPT
{
    addr_ = other.addr_;
    scope_id_ = other.scope_id_;
    return *this;
}

```

```

#endif // defined(BOOST_ASIO_HAS_MOVE)

address_v6::bytes_type address_v6::to_bytes() const BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcpy.
    bytes_type bytes;
#if defined(BOOST_ASIO_HAS_STD_ARRAY)
    memcpy(bytes.data(), addr_.s6_addr, 16);
#else // defined(BOOST_ASIO_HAS_STD_ARRAY)
    memcpy(bytes.elems, addr_.s6_addr, 16);
#endif // defined(BOOST_ASIO_HAS_STD_ARRAY)
    return bytes;
}

std::string address_v6::to_string() const
{
    boost::system::error_code ec;
    char addr_str[boost::asio::detail::max_addr_v6_str_len];
    const char* addr =
        boost::asio::detail::socket_ops::inet_ntop(
            BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
            boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
    if (addr == 0)
        boost::asio::detail::throw_error(ec);
    return addr;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
std::string address_v6::to_string(boost::system::error_code& ec) const
{
    char addr_str[boost::asio::detail::max_addr_v6_str_len];
    const char* addr =
        boost::asio::detail::socket_ops::inet_ntop(
            BOOST_ASIO_OS_DEF(AF_INET6), &addr_, addr_str,
            boost::asio::detail::max_addr_v6_str_len, scope_id_, ec);
    if (addr == 0)
        return std::string();
    return addr;
}

address_v4 address_v6::to_v4() const
{
    if (!is_v4_mapped() && !is_v4_compatible())
    {
        bad_address_cast ex;
        boost::asio::detail::throw_exception(ex);
    }
}

```

```

address_v4::bytes_type v4_bytes = { { addr_.s6_addr[12],
    addr_.s6_addr[13], addr_.s6_addr[14], addr_.s6_addr[15] } };
return address_v4(v4_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

bool address_v6::is_loopback() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 1));
}

bool address_v6::is_unspecified() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && (addr_.s6_addr[12] == 0) && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0) && (addr_.s6_addr[15] == 0));
}

bool address_v6::is_link_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0x80));
}

bool address_v6::is_site_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xfe) && ((addr_.s6_addr[1] & 0xc0) == 0xc0));
}

bool address_v6::is_v4_mapped() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0xff) && (addr_.s6_addr[11] == 0xff));
}

```

```

}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
bool address_v6::is_v4_compatible() const
{
return ((addr_.s6_addr[0] == 0) && (addr_.s6_addr[1] == 0)
    && (addr_.s6_addr[2] == 0) && (addr_.s6_addr[3] == 0)
    && (addr_.s6_addr[4] == 0) && (addr_.s6_addr[5] == 0)
    && (addr_.s6_addr[6] == 0) && (addr_.s6_addr[7] == 0)
    && (addr_.s6_addr[8] == 0) && (addr_.s6_addr[9] == 0)
    && (addr_.s6_addr[10] == 0) && (addr_.s6_addr[11] == 0)
    && !((addr_.s6_addr[12] == 0)
    && (addr_.s6_addr[13] == 0)
    && (addr_.s6_addr[14] == 0)
    && ((addr_.s6_addr[15] == 0) || (addr_.s6_addr[15] == 1))));
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

bool address_v6::is_multicast() const BOOST_ASIO_NOEXCEPT
{
return (addr_.s6_addr[0] == 0xff);
}

bool address_v6::is_multicast_global() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x0e));
}

bool address_v6::is_multicast_link_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x02));
}

bool address_v6::is_multicast_node_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x01));
}

bool address_v6::is_multicast_org_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x08));
}

bool address_v6::is_multicast_site_local() const BOOST_ASIO_NOEXCEPT
{
return ((addr_.s6_addr[0] == 0xff) && ((addr_.s6_addr[1] & 0x0f) == 0x05));
}

```

```

bool operator==(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcmp.
    return memcmp(&a1.addr_, &a2.addr_,
        sizeof(boost::asio::detail::in6_addr_type)) == 0
        && a1.scope_id_ == a2.scope_id_;
}

bool operator<(const address_v6& a1, const address_v6& a2) BOOST_ASIO_NOEXCEPT
{
    using namespace std; // For memcmp.
    int memcmp_result = memcmp(&a1.addr_, &a2.addr_,
        sizeof(boost::asio::detail::in6_addr_type));
    if (memcmp_result < 0)
        return true;
    if (memcmp_result > 0)
        return false;
    return a1.scope_id_ < a2.scope_id_;
}

address_v6 address_v6::loopback() BOOST_ASIO_NOEXCEPT
{
    address_v6 tmp;
    tmp.addr_.s6_addr[15] = 1;
    return tmp;
}

#if !defined(BOOST_ASIO_NO_DEPRECATED)
address_v6 address_v6::v4_mapped(const address_v4& addr)
{
    address_v4::bytes_type v4_bytes = addr.to_bytes();
    bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0xFF, 0xFF,
        v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}

address_v6 address_v6::v4_compatible(const address_v4& addr)
{
    address_v4::bytes_type v4_bytes = addr.to_bytes();
    bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
        v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}
#endif // !defined(BOOST_ASIO_NO_DEPRECATED)

address_v6 make_address_v6(const char* str)
{
    boost::system::error_code ec;

```

```

address_v6 addr = make_address_v6(str, ec);
boost::asio::detail::throw_error(ec);
return addr;
}

address_v6 make_address_v6(const char* str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    address_v6::bytes_type bytes;
    unsigned long scope_id = 0;
    if (boost::asio::detail::socket_ops::inet_pton(
        BOOST_ASIO_OS_DEF(AF_INET6), str, &bytes[0], &scope_id, ec) <= 0)
        return address_v6();
    return address_v6(bytes, scope_id);
}

address_v6 make_address_v6(const std::string& str)
{
    return make_address_v6(str.c_str());
}

address_v6 make_address_v6(const std::string& str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    return make_address_v6(str.c_str(), ec);
}

#ifdef BOOST_ASIO_HAS_STRING_VIEW

address_v6 make_address_v6(string_view str)
{
    return make_address_v6(static_cast<std::string>(str));
}

address_v6 make_address_v6(string_view str,
    boost::system::error_code& ec) BOOST_ASIO_NOEXCEPT
{
    return make_address_v6(static_cast<std::string>(str), ec);
}

#endif // defined(BOOST_ASIO_HAS_STRING_VIEW)

address_v4 make_address_v4(
    v4_mapped_t, const address_v6& v6_addr)
{
    if (!v6_addr.is_v4_mapped())
    {
        bad_address_cast ex;
    }
}

```

```

    boost::asio::detail::throw_exception(ex);
}

address_v6::bytes_type v6_bytes = v6_addr.to_bytes();
address_v4::bytes_type v4_bytes = { { v6_bytes[12],
    v6_bytes[13], v6_bytes[14], v6_bytes[15] } };
return address_v4(v4_bytes);
}

address_v6 make_address_v6(
    v4_mapped_t, const address_v4& v4_addr)
{
    address_v4::bytes_type v4_bytes = v4_addr.to_bytes();
    address_v6::bytes_type v6_bytes = { { 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
        0xFF, 0xFF, v4_bytes[0], v4_bytes[1], v4_bytes[2], v4_bytes[3] } };
    return address_v6(v6_bytes);
}

} // namespace ip
} // namespace asio
} // namespace boost

#include <boost/asio/detail/pop_options.hpp>

#endif // BOOST_ASIO_IP_IMPL_ADDRESS_V6_IPP

```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/asio/ip/impl/address\_v6.hpp

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\*

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\* Copyright (c) 2013 Tim Blechmann

\* Linux-specific code by Phil Endecott

\* Copyright (c) 2014 Andrey Semashev

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/core\_ops\_linux\_arm.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/fence\_ops\_linux\_arm.hpp

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/caps_linux_arm.hpp
```

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```
/*
```

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(glenjofe@gmail.com)

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/align_down.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/assume_aligned_clang.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/element_type.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/align_up.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/align_down.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/align_up.hpp
```

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```
/*
```

[auto\_generated]

boost/numeric/odeint/stepper/explicit\_generic\_rk.hpp

[begin\_description]

Implementation of the generic Runge-Kutta steppers. This is the base class for many Runge-Kutta steppers.

[end\_description]

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Copyright 2011-2013 Karsten Ahnert

Copyright 2012 Christoph Koke

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copy at [http://www.boost.org/LICENSE\\_1\\_0.txt](http://www.boost.org/LICENSE_1_0.txt))

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/explicit_generic_rk.hpp
```

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```
// Copyright 2005 Eric Niebler, Daniel Egloff. Distributed under the Boost
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/framework/accumulators/value_accumulator.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/velocity_verlet.hpp
```

```
[begin_description]
```

```
tba.
```

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/velocity_verlet.hpp
```

No license file was found, but licenses were detected in source scan.

```
/*!
```

```
@file
```

```
Defines `boost::hana::adjust`.
```

```
@copyright Louis Dionne 2013-2017
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/adjust.hpp
```

No license file was found, but licenses were detected in source scan.

```
/* boost random/weibull_distribution.hpp header file
```

```
*
```

```
* Copyright Steven Watanabe 2010
```

```
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```

```
* accompanying file LICENSE_1_0.txt or copy at
```

```
* http://www.boost.org/LICENSE\_1\_0.txt
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/random/weibull_distribution.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::accessors`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/hana/fwd/accessors.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*=====
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indirect.h
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file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
=====*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/indirect.hpp
No license file was found, but licenses were detected in source scan.
```

```
/*!
@file
Forward declares `boost::hana::replace`.
```

```
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*/
```

```
Found in path(s):
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/hana/fwd/replace.hpp

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/\*!

@file

Defines `boost::hana::pair`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hana/pair.hpp

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/\* Traits for Outcome

(C) 2018-2020 Niall Douglas <<http://www.nedproductions.biz/>> (8 commits)

File Created: March 2018

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/outcome/trait.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/chrono/io/time\_point\_io.hpp

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/\* Boost interval/arith2.hpp template implementation file

\*

\* This header provides some auxiliary arithmetic

\* functions: fmod, sqrt, square, pov, inverse and

\* a multi-interval division.

\*

\* Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/interval/arith2.hpp

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\*

\* See <http://www.boost.org/libs/flyweight> for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/static\_holder.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/is\_placeholder\_expr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/detail/nested\_xxx\_if\_not\_ph.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/flyweight/set\_factory.hpp

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\*  
\* This header is deprecated, use boost/winapi/file\_mapping.hpp instead.  
\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/file\_mapping.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/iterator/detail/adaptive\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/adaptive\_iterator\_impl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/base/symplectic\_rkn\_stepper\_base.hpp

[begin\_description]

Base class for symplectic Runge-Kutta-Nystrom steppers.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/base/symplectic\_rkn\_stepper\_base.hpp

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\*

\* This header is deprecated, use boost/winapi/srw\_lock.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/srw\_lock.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/extrapolation\_stepper.hpp

[begin\_description]

extrapolation stepper

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/extrapolation\_stepper.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/catch\_exceptions.hpp

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/\*!

@file

Forward declares `boost::hana::monadic\_fold\_right`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/monadic\_fold\_right.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/min.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/support/detail/make\_vector.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/external/vexcl/vexcl\_algebra\_dispatcher.hpp

[begin\_description]

algebra\_dispatcher specialization for vexcl

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/external/vexcl/vexcl\_algebra\_dispatcher.hpp  
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/\*!

@file

Forward declares `boost::hana::lexicographical\_compare`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/lexicographical\_compare.hpp  
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/\*!

@file

Adapts `std::pair` for use with Hana.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/ext/std/pair.hpp  
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/\*=====

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/version.hpp

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flip.h

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/flip.hpp

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/\* Multiply indexed container.

\*

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\*

\* See [http://www.boost.org/libs/multi\\_index](http://www.boost.org/libs/multi_index) for library home page.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/multi\_index\_container.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/integrate/check\_adapter.hpp

[begin\_description]

Adapters to add checking facility to stepper and observer

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/integrate/check\_adapter.hpp  
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```
/* boost random/detail/enable_warnings.hpp header file
*
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* http://www.boost.org/LICENSE_1_0.txt)
*
* See http://www.boost.org for most recent version including documentation.
*
* $Id$
*
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/enable\_warnings.hpp  
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```
/* Proposed SG14 status_code
(C) 2018-2020 Niall Douglas <http://www.nedproductions.biz/> (5 commits)
File Created: Feb 2018
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/system\_error2.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/iostream\_support.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_code\_domain.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/error.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/win32\_code.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/posix\_code.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/nt\_code.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/status\_error.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/system\_code.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/experimental/status-code/com\_code.hpp  
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/\*=====

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/phoenix/closures.hpp  
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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_current\_process\_id.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/get\_process\_times.hpp

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[auto\_generated]

boost/numeric/odeint/iterator/detail/times\_iterator\_impl.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/impl/times\_iterator\_impl.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp

[begin\_description]

tba.

[end\_description]

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/numeric/odeint/stepper/symplectic\_rkn\_sb3a\_m4\_mclachlan.hpp

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```
/*!
```

```
@file
```

```
Defines `boost::hana::detail::has_[nontrivial_]common_embedding`.
```

```
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```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/hana/detail/has_common_embedding.hpp
```

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Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/avoid_unused_warning.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/processor_container.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/rtti_policy.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/node_state.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/event_base.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/termination.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/state.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/result.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/asynchronous_state_machine.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/state_base.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/state_machine.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/event.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/detail/counted_base.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

```
zip/1.75.0/include/boost/statechart/deferral.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/detail/constructor.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/fifo_scheduler.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/detail/reaction_dispatcher.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/in_state_reaction.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/deep_history.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/detail/leaf_state.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/history.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/exception_translator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/event_processor.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/null_exception_translator.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/fifo_worker.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/shallow_history.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/transition.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/custom_reaction.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/functional.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/detail/utf8_codecvt_facet.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/simple_state.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/xpressive/detail/utility/counted_base.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/statechart/detail/memory.hpp
```

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::erase_key`.
```

```
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```

```
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```

```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/erase_key.hpp
```

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```
/*
```

```
[auto_generated]
```

```
boost/numeric/odeint/stepper/runge_kutta_dopri5.hpp
```

```
[begin_description]
```

Implementation of the Dormand-Prince 5(4) method. This stepper can also be used with the dense-output controlled stepper.

```
[end_description]
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge_kutta_dopri5.hpp
```

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```
/* boost random/gamma_distribution.hpp header file
```

```
*
```

```
* Copyright Jens Maurer 2002
```

```
* Copyright Steven Watanabe 2010
```

```
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```

```
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```

```
* http://www.boost.org/LICENSE\_1\_0.txt)
```

```
*
```

```
* See http://www.boost.org for most recent version including documentation.
```

```
*
```

```
* $Id$
```

```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/gamma_distribution.hpp
```

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```
/* Tells C++ coroutines about Outcome's result
```

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/coroutine\_support.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/coroutine\_support.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/detail/coroutine\_support.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Implementation of the Runge Kutta Cash Karp 5(4) method. It uses the generic error stepper.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/runge\_kutta\_cash\_karp54.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

[begin\_description]

Algebra caller for the Adams Moulton method.

[end\_description]

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/adams\_moulton\_call\_algebra.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/detail/make\_tuple\_indices.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/detail/invoke.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/thread/detail/inoker.hpp

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/block\_size.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/name.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/c\_str.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/enable\_final\_rotation.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/utility/ipc/object\_name.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/permissions.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/expressions/formatters/max\_size\_decorator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/capacity.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/pause.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/detail/sfinae\_tools.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/log/keywords/overflow\_policy.hpp

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remove\_rvalue\_reference.h

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=====\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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/\*!

@file

Forward declares `boost::hana::tag\_of` and `boost::hana::tag\_of\_t`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/core/tag\_of.hpp

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```
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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/as\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/list.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/list/detail/list\_to\_cons.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/support/detail/is\_same\_size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/as\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/detail/config.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/tuple/tuple.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/vector/vector\_fwd.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_vector.hpp

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```
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repeat_while.h

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=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/repeat\_while.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/operator/detail/undef\_operator.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/iterate.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/detail/iterate\_define.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/detail/iterate\_undef.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/phoenix/support/detail/iterate.hpp

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/\*!

@file

Forward declares `boost::hana::zip`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zip.hpp

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/\* Proposed SG14 status\_code

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/experimental/status-code/std\_error\_code.hpp

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/algorithm/is\_palindrome.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/system.hpp

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/\*!

@file

Defines `boost::hana::none\_of`.

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/none\_of.hpp

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@file

Defines `boost::hana::Ring`.

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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/concept/ring.hpp

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/\*!

@file

Forward declares `boost::hana::zip\_with`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/zip\_with.hpp

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```
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*  
* Copyright (c) 2012 Hartmut Kaiser  
* Copyright (c) 2014 Andrey Semashev  
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/atomic/detail/link.hpp
```

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```
/*!  
@file  
Defines `boost::hana::detail::wrong`.
```

```
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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/wrong.hpp
```

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```
/*  
[auto_generated]  
boost/numeric/odeint/external/eigen/eigen.hpp
```

```
[begin_description]
```

```
tba.
```

```
[end_description]
```

```
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```
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
```

zip/1.75.0/include/boost/numeric/odeint/external/eigen/eigen.hpp  
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/\*!

@file

Forward declares `boost::hana::intersection`.

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/intersection.hpp

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/\* Policies for result and outcome

(C) 2017-2020 Niall Douglas <<http://www.nedproductions.biz/>> (12 commits)

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/terminate.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/outcome/policy/outcome\_error\_code\_throw\_as\_system\_error.hpp  
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```
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# * http://www.boost.org/LICENSE_1_0.txt)  
# *  
# ***** */
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/preprocessor/list/to\_array.hpp  
No license file was found, but licenses were detected in source scan.

```
/*=====
```

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```
=====*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/value\_of\_data.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/deref\_data.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/deref\_data.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/deref\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/value\_of\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/key\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/fusion/container/set/detail/deref\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/key\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/key\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/value\_of\_data.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/value\_of\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/value\_of\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/key\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_of\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/filter\_view/detail/key\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/value\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/key\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/iterator/basic\_iterator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/value\_at\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/set/detail/value\_of\_data\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/cpp03/deref\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/joint\_view/detail/key\_of\_impl.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/reverse\_view/detail/deref\_data\_impl.hpp  
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\*

\* This header is deprecated, use boost/winapi/handles.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/handles.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/qi\_subrule.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/karma\_nonterminal.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/repository/include/karma\_subrule.hpp

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```
/*=====
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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hof/detail/callable\_base.hpp

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```
/*
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*
* This header is deprecated, use boost/winapi/stack_backtrace.hpp instead.
*/
```

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/detail/winapi/stack\_backtrace.hpp

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/\*!

@file

Defines `boost::hana::detail::variadic::take`.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/variadic/take.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/winapi/config.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/minimum.hpp

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Defines generally useful preprocessor macros.

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/detail/preprocessor.hpp  
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/\*  
[auto\_generated]  
boost/numeric/odeint/stepper/detail/generic\_rk\_operations.hpp

[begin\_description]  
Operations caller for the generic Runge Kutta method.  
[end\_description]

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/stepper/detail/generic\_rk\_operations.hpp  
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/\*!  
@file  
Forward declares `boost::hana::take\_front` and `boost::hana::take\_front\_c`.

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Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/take\_front.hpp  
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Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/x3.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_map.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/map\_tie.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/deque\_tie.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/at\_key\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/auxiliary/move.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/map/detail/value\_at\_impl.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/generation/make\_deque.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/include/move.hpp

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====\*/

Found in path(s):

- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/view/transform\_view/detail/at\_impl.hpp

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====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/select.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/dynamic/switch.hpp

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/\* boost random/detail/signed\_unsigned\_tools.hpp header file

\*

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\*

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/detail/signed\_unsigned\_tools.hpp

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=====\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/spirit/home/classic/utility/loops.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/time\_measure.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/circular\_buffer.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/block\_indirect\_sort.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/range.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/parallel\_sort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/parallel\_stable\_sort/parallel\_stable\_sort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/rearrange.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/traits.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/move\_blocks.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/spinort/spinort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/flat\_stable\_sort/flat\_stable\_sort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/indirect.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/block.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/merge\_blocks.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/algorithm.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/pivot.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/scheduler.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/int\_array.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/search.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/sort\_basic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/file\_vector.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/stack\_cnc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_four.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/heap\_sort/heap\_sort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/constants.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/deque\_cnc.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/insert\_sort/insert\_sort.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/insert.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/atomic.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/sample\_sort/sample\_sort.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/block\_indirect\_sort/blk\_detail/backbone.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/spinlock.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/merge\_block.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/sort/common/util/merge.hpp

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zip/1.75.0/include/boost/predef/library/c/cloudabi.h

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zip/1.75.0/include/boost/intrusive/detail/std\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/workaround.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/detail/has\_member\_function\_callable\_with.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/unique\_ptr.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/detail/fwd\_macros.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/compare\_functors.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/intrusive/pointer\_rebind.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/move/default\_delete.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/detail/std\_fwd.hpp

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zip/1.75.0/include/boost/icl/type\_traits/size.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/has\_set\_semantics.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/no\_type.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_concept\_equivalent.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_combinable.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_discrete.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_associative\_element\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_set.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/segment\_type\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_continuous.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_element\_container.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_separator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/domain\_type\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_joiner.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_total.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/identity\_element.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

zip/1.75.0/include/boost/icl/type\_traits/is\_interval\_splitter.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/has\_inverse.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/is\_map.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/element\_type\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/size\_type\_of.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/icl/type\_traits/codomain\_type\_of.hpp  
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```
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Boost.Wave: A Standard compliant C++ preprocessor library
http://www.boost.org/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/util/flex\_string.hpp  
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zip/1.75.0/include/boost/core/default\_allocator.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/align/detail/not\_pointer.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/core/nvp.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/ostream\_put.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/smart\_ptr/allocate\_unique.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/io/ostream\_joiner.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

```
zip/1.75.0/include/boost/align/detail/throw_exception.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/align/detail/add_reference.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/use_default.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/range/detail/less.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/noinit_adaptor.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/first_scalar.hpp
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-
zip/1.75.0/include/boost/core/alloc_construct.hpp
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```

```
/* [auto_generated]
boost/numeric/odeint/stepper/controlled_runge_kutta.hpp
```

```
[begin_description]
The default controlled stepper which can be used with all explicit Runge-Kutta error steppers.
[end_description]
```

```
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```

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zip/1.75.0/include/boost/numeric/odeint/stepper/controlled_runge_kutta.hpp
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```

```
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Boost.Wave: A Standard compliant C++ preprocessor library

Grammar for universal character validation (see C++ standard: Annex E)

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=====*/
```

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/convert\_trigraphs.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/wave/cpplexer/validate\_universal\_char.hpp

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[auto\_generated]

boost/numeric/odeint/external/openmp/openmp\_state.hpp

[begin\_description]

Wrappers for OpenMP.

[end\_description]

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zip/1.75.0/include/boost/fusion/include/hash.hpp

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@file

Forward declares `boost::hana::plus`.

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zip/1.75.0/include/boost/hana/fwd/plus.hpp

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zip/1.75.0/include/boost/fusion/container/deque/deque\_fwd.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/container/deque/detail/cpp03/deque\_fwd.hpp

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/\* Boost interval.hpp header file

\*

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\*

\* This header is deprecated, use boost/winapi/pipes.hpp instead.

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
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zip/1.75.0/include/boost/container/detail/is\_sorted.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/container/node\_handle.hpp

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zip/1.75.0/include/boost/accumulators/statistics/rolling\_sum.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_count.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/rolling\_window.hpp

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[auto\_generated]

boost/numeric/odeint/external/mpi/mpi\_nested\_algebra.hpp

[begin\_description]

Nested parallelized algebra for MPI.

[end\_description]

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zip/1.75.0/include/boost/numeric/odeint/external/mpi/mpi\_nested\_algebra.hpp

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- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/aligned\_delete.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/alignment\_of\_msvc.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/aligned\_delete\_forward.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/max\_size.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/aligned\_allocator.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/max\_align.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/aligned\_alloc.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/aligned\_alloc\_new.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/alignment\_of.hpp
- \* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/align/detail/aligned\_alloc.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/policy/throw\_bad\_result\_access.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/outcome/policy/all\_narrow.hpp

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/hof/version.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/move/detail/std\_ns\_begin.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/move/detail/std\_ns\_end.hpp

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Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/container/detail/guards\_dended.hpp

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/container/devector.hpp

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```
/*!
```

```
@file
```

```
Forward declares `boost::hana::IntegralConstant`.
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/hana/fwd/concept/integral_constant.hpp
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/impl/d2s.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/ryu.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/digit_table.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/common.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s_intrinsics.hpp
```

```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/json/detail/ryu/detail/d2s_full_table.hpp
```

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```
* /opt/cola/permits/1198813174_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/accumulators/statistics/weighted_sum_kahan.hpp
```

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```
/* boost random/uniform_on_sphere.hpp header file
```

```
*
```

```
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```

```
* Copyright Steven Watanabe 2011
```

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\*  
\* \$Id\$\br/>\*  
\* Revision history  
\* 2001-02-18 moved to individual header files  
\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/random/uniform\_on\_sphere.hpp  
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\*/

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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_lvalue\_reference.hpp  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/callable\_traits/add\_member\_rvalue\_reference.hpp  
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\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/fusion/algorithm/iteration/accumulate\_fwd.hpp

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Forward declares `boost::hana::greater\_equal`.

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zip/1.75.0/include/boost/hana/fwd/greater\_equal.hpp

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Forward declares `boost::hana::default\_` and `boost::hana::is\_default`.

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zip/1.75.0/include/boost/hana/fwd/core/default.hpp  
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```
/* Boost interval/utility.hpp template implementation file
 *
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 */
```

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zip/1.75.0/include/boost/numeric/interval/utility.hpp  
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```
/*
 [auto_generated]
 boost/numeric/odeint/integrate/integrate_times.hpp

 [begin_description]
 Integration of ODEs with observation at user defined points
 [end_description]
```

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\*/

Found in path(s):  
\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-  
zip/1.75.0/include/boost/numeric/odeint/iterator/integrate/integrate\_times.hpp  
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```
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```

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macros used:

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BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE - the transaction\_safe specifier for the current include (^transaction\_safe` or nothing)

BOOST\_CLBL\_TRTS\_IS\_TRANSACTION\_SAFE - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_INCLUDE\_TRANSACTION\_SAFE is `transaction\_safe`

BOOST\_CLBL\_TRTS\_TRANSACTION\_SAFE\_SPECIFIER - `transaction\_safe` when BOOST\_CLBL\_TRTS\_ENABLE\_TRANSACTION\_SAFE is enabled, otherwise nothing

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC - the noexcept specifier for the current include (^noexcept` or nothing)

BOOST\_CLBL\_TRTS\_IS\_NOEXCEPT - `std::true\_type` or `std::false\_type`, tied on whether BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPEC is `noexcept`

BOOST\_CLBL\_TRTS\_NOEXCEPT\_SPECIFIER - `noexcept` if BOOST\_CLBL\_TRTS\_ENABLE\_NOEXCEPT\_TYPES is defined, otherwise nothing

\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-zip/1.75.0/include/boost/callable\_traits/detail/unguarded/function\_3.hpp

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/\*

[auto\_generated]

boost/numeric/odeint/stepper/generation/generation\_runge\_kutta\_cash\_karp54.hpp

[begin\_description]

Enable the factory functions for the controller and the dense output of the Runge-Kutta-Cash-Karp 54 method.

[end\_description]

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\*/

Found in path(s):

\* /opt/cola/permits/1198813174\_1647962632.6/0/boost-c-libraries-1-75-0-

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