# Package: AsioHeaders (via r-universe)

October 14, 2026

**Type** Package

**Title** 'Asio' C++ Header Files

**Version** 1.30.2-1

**Date** 2025-04-15

**Description** 'Asio' is a cross-platform C++ library for network and low-level I/O programming that provides developers with a consistent asynchronous model using a modern C++ approach. It is also included in Boost but requires linking when used with Boost. Standalone it can be used header-only (provided a recent compiler). 'Asio' is written and maintained by Christopher M. Kohlhoff, and released under the 'Boost Software License', Version 1.0.

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**URL** https://github.com/eddelbuettel/asioheaders, https://dirk.eddelbuettel.com/code/asioheaders.html

**BugReports** https://github.com/eddelbuettel/asioheaders/issues

**Repository** https://eddelbuettel.r-universe.dev

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**RemoteUrl** https://github.com/eddelbuettel/asioheaders

**RemoteRef** HEAD

**RemoteSha** 1d145988705c30ef44ac1f9bf83263c374717803

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AsioHeaders-package *The Asio C++ Library for Network and Low-Level I/O Programming*

## Description

Asio is a cross-platform C++ library for network and low-level I/O programming that provides developers with a consistent asynchronous model using a modern C++ approach.

## Details

Asio is a cross-platform C++ library for network and low-level I/O programming that provides developers with a consistent asynchronous model using a modern C++ approach.

Asio is also included in Boost but requires linking when used with Boost. Standalone it can be used header-only provided a recent-enough compiler.

Bug reports can also be registered at the GitHub issue tracker at https://github.com/eddelbuettel/asioheaders/issues.

## Author(s)

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## References

https://think-async.com/Asio/

## See Also

The https://github.com/eddelbuettel/rcppasioexample package provides a simple illustration and example of using this package. It can be used to both assert compiler and setup are working correctly, and form a basis to extend work from. Generally speaking, only a 'LinkingTo: AsioHeaders' should is needed, plus on Windows only a very simply link instruction in `src/Makevars.win` adding `PKG_LIBS = -lwsock32 -lws2_32`.

## Examples

```
# None
```

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