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```
name: BSD
on: [push]
jobs:
NetBSD:
 runs-on: ubuntu-latest
 steps:
 - name: checkout
   uses: actions/checkout@v4
  - name: NetBSD test
   uses: vmactions/netbsd-vm@v1
   with:
    usesh: true
    copyback: false
    prepare:
     /usr/sbin/pkg_add cmake zstd py313-pip
     /usr/pkg/bin/pip-3.13 install nihtest
     # https://docs.github.com/en/actions/writing-workflows/choosing-what-your-workflow-does/workflow-
commands-for-github-actions#adding-a-system-path
     echo "/usr/pkg/bin" >> "$GITHUB_PATH"
    run: |
     cmake -E make_directory ${{runner.workspace}}/build
     cmake ${{ matrix.cmake_extra }} ${{github.workspace}}
     cmake --build . --config Release
     ctest --output-on-failure -V -C Release
```

# 1.5 boost 1.87.0

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```
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[#mpl]

# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:
```

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp\_list` and `std::tuple` to be valid link:../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

It's also possible to only enable support for `mp\_list` by including `<boost/mp11/mpl\_list.hpp>`, and for `std::tuple` by including `<boost/mp11/mpl\_tuple.hpp>`. This may be required because some libraries, such as Boost.Fusion, contain their own MPL support for `std::tuple`, which conflicts with Mp11's one.

```
.Converting an existing MPL Sequence into an mp_list ...
using L = mpl::copy<Sequence, mpl::back_inserter<mp11::mp_list<>>>::type; ...
```

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--- end ---

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# 1.6 protobuf 25.6.0

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\* Small patch to handle trailing slashes in --proto\_path flag.

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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 <a href="mailto:com">dilip.antony.joseph@gmail.com</a>

\* 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.

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.

\* 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 xIC compiler build issues
- \* Added atomicops for AIX (POWER)

Nipunn Koorapati <nipunn1313@gmail.com>

- \* Provide a type alias field ValueType
- on EnumTypeWrapper
- \* Match service argument names to abstract interface

# 1.7 openssl 3.0.16

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Appendix: How to Apply These Terms to Your New Programs

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To do so,

attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

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<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

That's all there is to it!

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