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1.57 xz-libs_te 5.6.2-r0

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 - */

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cmd/krb5/ipropl/ipropl_hdr.h
cmd/krb5/kadmin/server/ipropld_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
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lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c

uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c

lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.3 log4cxx 0.11.0

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1.6 nhttp2 1.43.0-1build3

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1.7 protobuf 3.21.7

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1.8 libverto 0.3.2-r2

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1.9 apr-util 1.6.3-r1

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See crypto/crypt_blowfish.c for more information.

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install - install a program, script, or datafile

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1.10 tcpdump 4.99.4-r1

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1.11 libpcap 1.10.4-r1

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1.12 pax-utils 1.3.7-r2

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1.14 libcrafter 0.3

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1.15 fstrm 0.6.1-r4

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1.16 runit 2.1.2-r7

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1.17 json-c 0.17-r0

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1.18 libmnl 1.0.5-r2

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1.21 bash 5.2.26-r0

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1.23 libuv 1.48.0-r0

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1.24 pacparser 1.4.0

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1.25 curl 7.81.0-1ubuntu1.16

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1.26 libssh2 1.11.0-r2

1.26.1 Available under license :

```
# Maintainer: Jakub Panek <me@panekj.dev>
pkgname=cargo-license
pkgver=0.5.1
pkgrel=4
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all !s390x !riscv64" # rust
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
4d8d430df91c6aac53d2305d3125eaaa492324e85c4db29d33d452b3848f33a55088e71247c6c72c6a62f4e924a374a
115bf14b4f398e7950b9eb52415f2244 cargo-license-0.5.1.tar.gz
"

/* Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>
* Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>
* Copyright (c) 2006-2007 The Written Word, Inc.
* Copyright (c) 2007 Eli Fant <elifantu@mail.ru>
* Copyright (c) 2009-2023 Daniel Stenberg
* Copyright (C) 2008, 2009 Simon Josefsson
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```

```

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* OF SUCH DAMAGE.
*/
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: Maxim Karasev <begs@disroot.org>
pkgname=bsd-games
pkgver=3.3
pkgrel=0
pkgdesc="traditional text mode games from BSD"
url="https://github.com/msharov/bsd-games"
arch="all"
license="BSD-3-Clause"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \

```

```

--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294 bsd-games-3.3.tar.gz
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)

```

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vintagedreamworks@hotmail.com

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

mini_sendmail - accept email on behalf of real sendmail

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```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
```

```
pkgname=libart-lgpl
```

```
pkgver=2.3.21
```

```
pkgrel=8
```

```
pkgdesc="A library for high-performance 2D graphics"
```

```
url="https://www.levien.com/libart/"
```

```
arch="all"
```

```
options="!check" # No test suite.
```

```
license="LGPL-2.0-or-later"
```

```
subpackages="$pkgname-dev"
```

```
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
```

```
"
```

```
builddir="$srcdir"/libart-lgpl-$pkgver
```

```
prepare() {  
  update_config_sub  
  default_prepare  
}
```

```
build() {  
  ./configure \  
  --build=$CBUILD \  
  --host=$CHOST \  
  --prefix=/usr  
  make  
}
```

```
package() {  
  make DESTDIR="$pkgdir" install  
}
```

```
sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7"
```

1.27 keyutils-libs_te 1.6.3-r3

1.27.1 Available under license :

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Version 2.1, February 1999

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1.28 zlib 1.3.1-r1

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1.29 protobuf-c 1.5.0-r0

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1.30 alpine-baselayout 3.6.5-r0

1.30.1 Available under license :

```
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.22
pkgrel=1
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local
        license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
```

```

7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--localstatedir=/var/lib # it really shouldn't be in /var
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
bsd-games-3.3.tar.gz
"
# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.3.0
pkgrel=1
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"

```

```

license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gp517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gp517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
3fe4ac8830085fe38d8ee713a332047941b2a7a8ff5f31810b124c5903335a8343a222926aefe00da66a49b4d6f8b934
af3cc350448b075a4ec6aa1fdb51aef
    license-expression-30.3.0.tar.gz
"
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```

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```
# Automatically generated by apkbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=9
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
buildid="$srcdir/$_pkgreal-$pkgver"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)
```

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vintagedreamworks@hotmail.com

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbc.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

mini_sendmail - accept email on behalf of real sendmail

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-1.3.1

pkgver=2.3.21

pkgrel=8

```

pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
# Automatically generated by apkgbuild-cpan, template 3
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
#_pkgreal is used by apkgbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=9
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgreal-$pkgver"

```

```

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL INSTALLDIRS=vendor
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"
# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}

sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178  cdefs.h
2f0d5e6e4dc3350285cf17009265dddcb12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750  queue.h

```


d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h

"

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

Contributor: Fabian Affolter <fabian@affolter-engineering.ch>

Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py3-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.4

pkgrel=3

pkgdesc="Extension for flake8 which checks for copyrights"

options="!check" # No testsuite

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="py3-flake8 py3-setuptools"

makedepends="py3-gpep517 py3-wheel"

subpackages="\$pkgname-pyc"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/\$_pkgname-\$pkgver

```

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

```

```
sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"
```

1.31 sqlite 3.45.3-r1

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1.32 libxml2 2.12.7-r0

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1.33 tini 0.19.0-r3

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1.34 simple-web-server 3.1.1

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1.35 busybox 1.36.1-r29

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=====

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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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1.39 nghttp2 1.62.1-r0

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/opt/cola/permits/2046967651_1720647597.972288/0/nghttp2-1-62-1-r0-zip/nghttp2 1.62.1-  
r0/.git/objects/pack/pack-4a47b1be7944d66f8f690c199e6cd9941697936a.pack: binary file matches
```

Found in path(s):

* /bin/grep

1.40 apk-tools 2.14.4-r1

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1.41 Iss git-9dd1c07

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1.42 kerberos 1.21.3-r0

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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
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lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
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lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c

lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.46 c-ares 1.20.1

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1.47 snmp 3.5.2

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_##  
_## usm_v3.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
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_##  
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```



```

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```

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_##
_## timetick.h
_##
_## SNMP++ v3.4
_## -----
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```
_##
_#####*/
```

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```
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_##
_## uxsnmp.h
_##
_## SNMP++ v3.4
_## -----
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```

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* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/uxsnmp.h

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```
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_##
_## usertimeout.cpp
_##
_## SNMP++ v3.4
_## -----
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```

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```
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_##
_## mp_v3.h
_##
_## SNMP++ v3.4
_## -----
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_#####*/
```

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```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/mp_v3.h
```

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```
/*_#####
_##
_## userdefined.h
_##
_## SNMP++ v3.4
_## -----
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/userdefined.h
```

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```
/*_#####
_##
_## test_app.cpp
_##
_## SNMP++ v3.4
```

```

_## -----
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```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/test_app.cpp

```

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_##
_## md5.h
_##
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_## -----
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_#####*/
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```

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=====

https://www.gnu.org/software/autoconf-archive/ax_cxx_compile_stdcxx_11.html

=====

#

SYNOPSIS

#

AX_CXX_COMPILE_STDCXX_11([ext|noext], [mandatory|optional])

#

DESCRIPTION

#

Check for baseline language coverage in the compiler for the C++11 standard; if necessary, add switches to CXX and CXXCPP to enable support.

#

This macro is a convenience alias for calling the AX_CXX_COMPILE_STDCXX

```

# macro with the version set to C++11. The two optional arguments are
# forwarded literally as the second and third argument respectively.
# Please see the documentation for the AX_CXX_COMPILE_STDCXX macro for
# more information. If you want to use this macro, you also need to
# download the ax_cxx_compile_stdccx.m4 file.
#
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#serial 18

AX_REQUIRE_DEFINED([AX_CXX_COMPILE_STDCXX])
AC_DEFUN([AX_CXX_COMPILE_STDCXX_11], [AX_CXX_COMPILE_STDCXX([11], [$1], [$2])])

Found in path(s):
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/ax_cxx_compile_stdccx_11.m4
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_## notifyqueue.h
_##
_## SNMP++ v3.4
_## -----
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_#####*/
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```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/notifyqueue.h
```

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_##
_## msec.cpp
_##
_## SNMP++ v3.4
_## -----
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_##
_#####*/
```

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```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/msec.cpp
```

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```

#####
##
## configure.ac
##
## SNMP++ v3.4
## -----
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##
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##
#####*
dnl                 -*- Autoconf -*-
dnl Process this file with autoconf to produce a configure script.

dnl don't require higher autoconf version for win32 support
AC_PREREQ([2.71])
AC_INIT([snmp++],[3.5.2],[support@agentpp.com],[snmp++])
SNMP_PP_MAJOR_VERSION=3
SNMP_PP_MINOR_VERSION=5
SNMP_PP_MICRO_VERSION=2
AC_CONFIG_AUX_DIR([build-aux])
AC_CONFIG_MACRO_DIR([m4])
AM_INIT_AUTOMAKE([-Wall foreign])
AC_CONFIG_SRCDIR([src/oid.cpp])
AC_CONFIG_HEADERS([config.h])
AM_MAINTAINER_MODE([disable])

dnl
dnl Get canonical host
dnl
AC_CANONICAL_HOST
AC_DEFINE_UNQUOTED([OS_TYPE], "$host_os",

```

[Define to be the name of the operating system.]

dnl

disable unnecessary compiler checks

AC_DEFUN([AC_PROG_F77], [:])

AC_DEFUN([AC_PROG_FC], [:])

AC_DEFUN([AC_PROG_OBJC], [:])

AC_DEFUN([AC_PROG_OBJCXX], [:])

AC_DEFUN([LT_LANG([Fortran 77])], [:])

dnl disable check for GNU compatible malloc - just a working malloc is enough

AC_DEFUN([AC_FUNC_MALLOC_IF], [:])

AC_DEFUN([AC_FUNC_MALLOC], [

AC_CHECK_FUNCS([malloc realloc])

])

dnl Checks for programs.

AC_PROG_CC

AC_PROG_CXX

AC_PROG_AWK

AC_PROG_GREP

AC_PROG_SED

AC_PROG_CPP

AC_PROG_INSTALL

AC_PROG_LN_S

m4_ifdef([AM_PROG_AR], [AM_PROG_AR])

AC_PROG_MAKE_SET

PKG_PROG_PKG_CONFIG

dnl Check for extra flags to enable some kind of behavior

AC_CHECK_DECL([_AIX],[ac_cv_need_minus_d_linux_source_compat="yes";

ac_cv_need_minus_d_all_source="yes"])

AC_CHECK_DECL([_linux],[ac_cv_need_minus_d_gnu_source="yes"])

dnl probably required by kfreebsd, too?

AC_CHECK_DECL([_sun],[ac_cv_need_minus_d_extensions="yes"])

AS_IF([test "x\$ac_cv_need_minus_d_linux_source_compat" = "xyes"],

[CPPFLAGS="\$CPPFLAGS

-D_LINUX_SOURCE_COMPAT"])

AS_IF([test "x\$ac_cv_need_minus_d_gnu_source" = "xyes"],

[CPPFLAGS="\$CPPFLAGS -D_GNU_SOURCE"])

AS_IF([test "x\$ac_cv_need_minus_d_all_source" = "xyes"],

[CPPFLAGS="\$CPPFLAGS -D_ALL_SOURCE"])

AS_IF([test "x\$ac_cv_need_minus_d_extensions" = "xyes"],

[CPPFLAGS="\$CPPFLAGS -D__EXTENSIONS__"])

```
ACX_CHECK_XOPEN_SOURCE
AS_IF([test -n "$XOPEN_SOURCE_CPPFLAGS"], [CPPFLAGS="$CPPFLAGS
$XOPEN_SOURCE_CPPFLAGS"])
```

```
dnl
```

```
dnl Process features.
```

```
dnl
```

```
dnl ACX_CHECK_WITH_LIB([ssl],[check])
```

```
dnl ACX_CHECK_WITH_LIB([tomcrypt],[check])
```

```
dnl ACX_CHECK_WITH_LIB([des],[check])
```

```
ACX_CHECK_WITH_LIB([ssl])
```

```
ACX_CHECK_WITH_LIB([tomcrypt])
```

```
ACX_CHECK_WITH_LIB([des])
```

```
AC_ARG_ENABLE(debug,
```

```
[ --disable-debug    disable support for debugging output],
```

```
ENABLE_DEBUG=$enableval, ENABLE_DEBUG=yes)
```

```
AC_ARG_ENABLE(namespace,
```

```
[ --enable-namespace  enable using of namespace (default: on if supported)
```

```
--disable-namespace  disable using of namespace],
```

```
ENABLE_NAMESPACE=$enableval,
```

```
ENABLE_NAMESPACE=check)
```

```
AC_ARG_ENABLE(logging,
```

```
[ --enable-logging    enable built-in logging (default: on)
```

```
--disable-logging    disable built-in logging],
```

```
ENABLE_LOGGING=$enableval, ENABLE_LOGGING=yes)
```

```
AC_ARG_ENABLE(threads,
```

```
[ --disable-threads   disable thread support],
```

```
ENABLE_THREADS=$enableval, ENABLE_THREADS=yes)
```

```
AC_ARG_ENABLE(snmpv3,
```

```
[ --disable-snmpv3    disable SNMPv3 support],
```

```
ENABLE_SNMPV3=$enableval, ENABLE_SNMPV3=check)
```

```
AC_ARG_ENABLE(macaddress,
```

```
[ --enable-macaddress  enable support of class MacAddress (default: off)
```

```
--disable-macaddress  disable support of class MacAddress],
```

```
ENABLE_MACADDRESS=$enableval, ENABLE_MACADDRESS=no)
```

```
AC_ARG_ENABLE(ipxaddress,
```

```
[ --enable-ipxaddress  enable support of class IpxAddress (default: off)
```

```
--disable-ipxaddress  disable support of class IpxAddress],
```

```
ENABLE_IPXADDRESS=$enableval, ENABLE_IPXADDRESS=no)
```

```
AC_ARG_WITH([log-profile], [
```

```
--with-log-profile[=[profile]]
```

```
    uses a specific
```

```
profile for logging
```

```
    * off:    does not log anything
```

```
    * quiet:  logs only errors and warnings
```

- * std: logs (all errors and warnings) and events up to severity 5 (default if profile omitted)
- * events: logs all errors, warnings and events
- * verbose: logs (all errors, warnings and events) and info up to severity 5
- * full: logs all errors, warnings, events and info messages
- * debug: logs (all errors, warnings, events and info messages) and debug messages up to severity 5
- * schwafel: logs all with each severity
- * original:

uses the very interesting original log profile (default if omitted)

--without-log-profile same as --with-log-default=original],
[WITH_LOG_PROFILE="\$withval"], [WITH_LOG_PROFILE="default"])

```
AS_IF([test "x${ENABLE_DEBUG}" = "xyes"],
  [AC_DEFINE([DEBUG], 1, [Define if you want the debug output support compiled in.])],
  [AC_LIB_APPENDTOVAR([CXXFLAGS], [-D_NDEBUG])])
)
AS_IF([test "x${ENABLE_MACADDRESS}" = "xyes"], [WITH_MACADDRESS=1],
[WITH_MACADDRESS=0])
AS_IF([test "x${ENABLE_IPXADDRESS}" = "xyes"], [WITH_IPXADDRESS=1], [WITH_IPXADDRESS=0])
```

dnl Checks for optional dependencies

```
AS_IF([test "x${ENABLE_THREADS}" = "xyes"], [
  ACX_WIN32(
  [
  AC_DEFINE([ENABLE_THREADS], 1,
    [Define if you want the thread support compiled in.])
  ac_cv_enable_threads=yes
  WITH_THREADS=1
  ],
  [
  ACX_PTHREAD([
  AC_DEFINE([ENABLE_THREADS], 1,
    [Define if you want the thread support
compiled in.])
  AC_DEFINE([HAVE_PTHREAD], 1,
    [Define if you have POSIX threads libraries and header files.])
  CC="$PTHREAD_CC"
  CXX="$PTHREAD_CXX"
  AS_IF([test -n "$PTHREAD_LIBS"], [LIBS="$PTHREAD_LIBS $LIBS"])
  AS_IF([test -n "$PTHREAD_CFLAGS"], [
  CFLAGS="$CFLAGS $PTHREAD_CFLAGS"
  CXXFLAGS="$CXXFLAGS $PTHREAD_CFLAGS"
```

```

    ])
    ac_cv_enable_threads=yes
    WITH_PTHREAD=1
    WITH_THREADS=1
  ],
  [])
])
], [WITH_THREADS=0
  WITH_PTHREAD=0]) # endif : --enable-threads

```

dnl Checks for libraries.

dnl Checks for header files.

```
m4_warn([obsolete],
```

```
[The preprocessor macro `STDC_HEADERS' is obsolete.
```

```
Except in unusual embedded environments, you can safely include all
ISO C90 headers unconditionally.])dnl
```

```
# Autoupdate added the next two lines to ensure that your configure
```

```
# script's behavior did not change. They are probably safe to remove.
```

```
AC_CHECK_INCLUDES_DEFAULT
```

```
AC_PROG_EGREP
```

```
AC_CHECK_HEADERS([arpa/inet.h
```

```
ctype.h errno.h float.h inttypes.h limits.h memory.h netdb.h netinet/in.h poll.h signal.h stdio.h stdlib.h string.h
strings.h sys/param.h sys/select.h sys/socket.h sys/time.h sys/timeb.h sys/types.h sys/unistd.h time.h unistd.h])
```

```
if test "$ac_cv_header_stdh" = "yes"; then
```

```
  CNF_STDC_HEADERS=1
```

```
else
```

```
  CNF_STDC_HEADERS=0
```

```
fi
```

```
if test "$ac_cv_header_sys_types_h" = "yes"; then
```

```
  CNF_HAVE_SYS_TYPES_H=1
```

```
else
```

```
  CNF_HAVE_SYS_TYPES_H=0
```

```
fi
```

```
if test "$ac_cv_header_sys_param_h" = "yes"; then
```

```
  CNF_HAVE_SYS_PARAM_H=1
```

```
else
```

```
  CNF_HAVE_SYS_PARAM_H=0
```

```
fi
```

```
if test "$ac_cv_header_sys_stat_h" = "yes"; then
```

```
  CNF_HAVE_SYS_STAT_H=1
```

```
else
```

```
  CNF_HAVE_SYS_STAT_H=0
```

```
fi
```

```
if test "$ac_cv_header_stdlib_h" = "yes"; then
```

```

CNF_HAVE_STDLIB_H=1
else
CNF_HAVE_STDLIB_H=0
fi
if test "$ac_cv_header_unistd_h" = "yes"; then
CNF_HAVE_UNISTD_H=1
else
CNF_HAVE_UNISTD_H=0
fi
if test "$ac_cv_header_memory_h" = "yes"; then
CNF_HAVE_MEMORY_H=1
else
CNF_HAVE_MEMORY_H=0
fi
if
test "$ac_cv_header_sys_unistd_h" = "yes"; then
CNF_HAVE_SYS_UNISTD_H=1
else
CNF_HAVE_SYS_UNISTD_H=0
fi
if test "$ac_cv_header_stdint_h" = "yes"; then
CNF_HAVE_STDINT_H=1
else
CNF_HAVE_STDINT_H=0
fi
if test "$ac_cv_header_poll_h" = "yes"; then
CNF_HAVE_POLL_H=1
else
CNF_HAVE_POLL_H=0
fi
if test "$ac_cv_header_sys_select_h" = "yes"; then
CNF_HAVE_SYS_SELECT_H=1
else
CNF_HAVE_SYS_SELECT_H=0
fi
if test "$ac_cv_header_string_h" = "yes"; then
CNF_HAVE_STRING_H=1
else
CNF_HAVE_STRING_H=0
fi
if test "$ac_cv_header_strings_h" = "yes"; then
CNF_HAVE_STRINGS_H=1
else
CNF_HAVE_STRINGS_H=0
fi
if test "$ac_cv_header_inttypes_h" = "yes"; then
CNF_HAVE_INTTYPES_H=1
else

```

```
CNF_HAVE_INTTYPES_H=0
fi
if test "$ac_cv_header_ctype_h" = "yes"; then
  CNF_HAVE_CTYPE_H=1
else
  CNF_HAVE_CTYPE_H=0
fi
if test "$ac_cv_header_signal_h" = "yes"; then
  CNF_HAVE_SIGNAL_H=1
else
  CNF_HAVE_SIGNAL_H=0
fi
if test "$ac_cv_header_errno_h" = "yes"; then
  CNF_HAVE_ERRNO_H=1
else
  CNF_HAVE_ERRNO_H=0
fi
if test "$ac_cv_header_time_h"
= "yes"; then
  CNF_HAVE_TIME_H=1
else
  CNF_HAVE_TIME_H=0
fi
if test "$ac_cv_header_sys_time_h" = "yes"; then
  CNF_HAVE_SYS_TIME_H=1
else
  CNF_HAVE_SYS_TIME_H=0
fi
if test "$ac_cv_header_sys_timeb_h" = "yes"; then
  CNF_HAVE_SYS_TIMEB_H=1
else
  CNF_HAVE_SYS_TIMEB_H=0
fi
if test "$ac_cv_header_sys_socket_h" = "yes"; then
  CNF_HAVE_SYS_SOCKET_H=1
else
  CNF_HAVE_SYS_SOCKET_H=0
fi
if test "$ac_cv_header_netdb_h" = "yes"; then
  CNF_HAVE_NETDB_H=1
else
  CNF_HAVE_NETDB_H=0
fi
if test "$ac_cv_header_arpa_inet_h" = "yes"; then
  CNF_HAVE_ARPA_INET_H=1
else
  CNF_HAVE_ARPA_INET_H=0
fi
```

```
if test "$ac_cv_header_netinet_in_h" = "yes"; then
  CNF_HAVE_NETINET_IN_H=1
else
  CNF_HAVE_NETINET_IN_H=0
fi
```

dnl Checks for inet libraries:

```
AC_SEARCH_LIBS(gethostent, [nsl])
AC_SEARCH_LIBS(setsockopt, [socket net network])
AC_SEARCH_LIBS(connect, [inet])
```

```
AC_SEARCH_LIBS([clock_gettime],[rt posix4])
```

```
ACX_WIN32(
  AC_CHECK_HEADERS([io.h process.h winsock.h winsock2.h ws2tcpip.h wspiapi.h])
  AC_CHECK_LIB([ws2_32],[main])
  AC_CHECK_LIB([ws2_32],[main]),
  []
)
```

```
if test "$ac_cv_header_io_h" = "yes"; then
  CNF_HAVE_IO_H=1
else
  CNF_HAVE_IO_H=0
fi
```

```
if test "$ac_cv_header_process_h" = "yes"; then
  CNF_HAVE_PROCESS_H=1
else
  CNF_HAVE_PROCESS_H=0
fi
```

```
if test "$ac_cv_header_winsock_h" = "yes"; then
  CNF_HAVE_WINSOCK_H=1
else
  CNF_HAVE_WINSOCK_H=0
fi
```

```
if test "$ac_cv_header_winsock2_h" = "yes"; then
  CNF_HAVE_WINSOCK2_H=1
else
  CNF_HAVE_WINSOCK2_H=0
fi
```

```
if test "$ac_cv_header_ws2tcpip_h" = "yes"; then
  CNF_HAVE_WS2TCPIP_H=1
else
  CNF_HAVE_WS2TCPIP_H=0
fi
```

```
if test "$ac_cv_header_wspiapi_h" = "yes"; then
  CNF_HAVE_WSPIAPI_H=1
```



```
else
  CNF_HAVE_WSPIAPI_H=0
fi
```

dnl Checks for typedefs, structures, and compiler characteristics.

```
AC_HEADER_STDBOOL
```

```
AC_C_INLINE
```

```
AC_TYPE_INT8_T
```

```
AC_TYPE_INT16_T
```

```
AC_TYPE_INT32_T
```

```
AC_TYPE_INT64_T
```

```
AC_TYPE_UINT8_T
```

```
AC_TYPE_UINT16_T
```

```
AC_TYPE_UINT32_T
```

```
AC_TYPE_UINT64_T
```

```
AC_TYPE_SIZE_T
```

```
AC_TYPE_SSIZE_T
```

```
AC_TYPE_OFF_T
```

```
AC_TYPE_PID_T
```

```
AC_TYPE_UID_T
```

```
AC_CHECK_TYPES([struct sockaddr_in6],,,[
```

```
#if
```

```
  HAVE_WINSOCK2_H
```

```
# include <winsock2.h>
```

```
# if HAVE_WS2TCPIP_H
```

```
#   include <ws2tcpip.h>
```

```
# endif
```

```
# if HAVE_WSPIAPI_H
```

```
#   include <wsapi.h>
```

```
# endif
```

```
#else
```

```
# if HAVE_ARPA_INET_H
```

```
#   include <arpa/inet.h>
```

```
# endif
```

```
# if HAVE_SYS_TYPES_H
```

```
#   include <sys/types.h>
```

```
# endif
```

```
# if HAVE_SYS_SOCKET_H
```

```
#   include <sys/socket.h>
```

```
# endif
```

```
#endif
```

```
])
```

```
AC_CHECK_MEMBERS([struct sockaddr_storage.ss_family, struct sockaddr_storage.__ss_family], [], [], [
```

```

#if HAVE_WINSOCK2_H
# include <winsock2.h>
# if HAVE_WS2TCPIP_H
# include <ws2tcpip.h>
# endif
# if HAVE_WSPIAPI_H
# include <wsapiapi.h>
# endif
#elif HAVE_WINSOCK_H
# include <winsock.h>
# include <windows.h>
#else
# if HAVE_ARPA_INET_H
# include <arpa/inet.h>
# endif
# if HAVE_SYS_TYPES_H
# include <sys/types.h>
# endif
# if HAVE_SYS_SOCKET_H
# include <sys/socket.h>
# endif
#endif
)

```

```

if test "$ac_cv_member_struct_sockaddr_storage_ss_family" = "yes"; then
  CNF_HAVE_STRUCT_SOCKADDR_STORAGE_SS_FAMILY=1
else
  CNF_HAVE_STRUCT_SOCKADDR_STORAGE_SS_FAMILY=0
fi
if
test "$ac_cv_member_struct_sockaddr_storage__ss_family" = "yes"; then
  CNF_HAVE_STRUCT_SOCKADDR_STORAGE__SS_FAMILY=1
else
  CNF_HAVE_STRUCT_SOCKADDR_STORAGE__SS_FAMILY=0
fi

```

```

AC_LANG_PUSH([C++])
dnl Determine what socket length (socklen_t) data type is
AC_MSG_CHECKING([for type of socket length (socklen_t)])
AC_COMPILE_IFELSE([AC_LANG_SOURCE([
#include <stddef.h>
#include <sys/types.h>
#include <sys/socket.h>

```

```

int
main()
{

```

```

(void)getsockopt (1, 1, 1, NULL, (socklen_t *)NULL);

return 0;
})),[AC_LANG_SOURCE([
AC_MSG_RESULT(socklen_t *)
SNMP SOCKLEN_T=socklen_t],[
AC_COMPILE_IFELSE([AC_LANG_SOURCE([
#include <stddef.h>
#include <sys/types.h>
#include <sys/socket.h>

int
main()
{
(void)getsockopt (1, 1, 1, NULL, (size_t *)NULL);

return 0;
}]]),[AC_LANG_SOURCE([
AC_MSG_RESULT(size_t *)
SNMP SOCKLEN_T=size_t],[
AC_COMPILE_IFELSE([
#include <stddef.h>
#include <sys/types.h>
#include <sys/socket.h>

int
main()
{
(void)getsockopt (1, 1, 1, NULL, (int *)NULL);

return 0;
}]]),[AC_LANG_SOURCE([
AC_MSG_RESULT(int *)
SNMP SOCKLEN_T=int]),[AC_LANG_SOURCE([
AC_MSG_WARN(could not determine)
SNMP SOCKLEN_T="int"])]))])
AC_DEFINE_UNQUOTED(SNMP SOCKLEN_T, $SNMP SOCKLEN_T, [Determine what socket length
(socklen_t) data type is])
AC_LANG_POP([C++])

AC_ARG_ENABLE(ipv6,
[ --disable-ipv6      disable IPv6 support],
ENABLE_IPV6=$enableval,
AS_IF([test "x$sac_cv_type_struct_sockaddr_in6" != "x"], [ENABLE_IPV6=yes], []))

AS_IF([test "x$ENABLE_IPV6" = "xyes"], [
AS_IF([test "x"$sac_cv_type_struct_sockaddr_in6" = x], [
AC_MSG_FAILURE([IPv6 wanted but not available],[255])

```

```

    ]) # endif
    AC_DEFINE([SNMP_PP_IPv6], 1,
      [define SNMP_PP_IPv6 if you want to use IPv6])
    WITH_SNMP_PP_IPv6=1
  ],
  [WITH_SNMP_PP_IPv6=0]) dnl endif : --enable-ipv6

# Checks for library functions.
AC_FUNC_MALLOC
AC_CHECK_FUNCS([gethostbyaddr gethostbyaddr_r gethostbyname
  gethostbyname2 gethostbyname_r gethostname gettimeofday getpid _getpid arc4random htonl inet_aton inet_ntoa
  inet_pton inet_ntop isdigit localtime_r memset poll select socket strcasecmp strcmp strchr strerror strstr
  clock_gettime])

if test "$ac_cv_func_strcasecmp" = "yes"; then
  CNF_HAVE_STRCASECMP=1
else
  CNF_HAVE_STRCASECMP=0
fi
if test "$ac_cv_func_strcmp" = "yes"; then
  CNF_HAVE_STRICMP=1
else
  CNF_HAVE_STRICMP=0
fi
if test "$ac_cv_func_getpid" = "yes"; then
  CNF_HAVE_GETPID=1
else
  CNF_HAVE_GETPID=0
fi
if test "$ac_cv_func__getpid" = "yes"; then
  CNF_HAVE__GETPID=1
else
  CNF_HAVE__GETPID=0
fi

acx_have_getaddrinfo=no
AC_CHECK_FUNC(getaddrinfo, acx_have_getaddrinfo=yes)
AS_IF([test "x$acx_have_getaddrinfo" != "xyes"], [
  for lib in bsd socket inet; do
    AC_CHECK_LIB($lib, getaddrinfo, [
      AC_LIB_APPENDTOVAR([LIBS], [-l${lib}])
      acx_have_getaddrinfo=yes
      break
    ])
  done
])

AS_IF([test "x$acx_have_getaddrinfo" != "xyes"], [

```

```

dnl check this separately if it produces
different results on Win2k or WinXP
AC_CHECK_DECLS([getaddrinfo],acx_have_getaddrinfo=yes,,[AC_LANG_SOURCE([
#if HAVE_WINSOCK2_H
# include <winsock2.h>
# if HAVE_WS2TCPIP_H
# // Fake windows XP for getaddrinfo if IPv6
# if HAVE_STRUCT_SOCKADDR_IN6
# define _WIN32_WINNT 0x0501
# endif
# include <ws2tcpip.h>
# endif
# if HAVE_WSPIAPI_H
# include <wspiapi.>
# endif
#else
# include <netdb.h>
#endif
]))
)

```

```

AS_IF([test "x$acx_have_getaddrinfo" = "xyes"], [
AC_DEFINE([HAVE_GETADDRINFO], 1, [Define if getaddrinfo is there])
])

```

```

AX_CXX_NAMESPACES
AX_CXX_NAMESPACE_STD
AX_CXX_HAVE_STL
AX_CXX_HAVE_STD
AX_CXX_TEMPLATES
AX_CXX_HEADER_STDCXX_98
AX_CXX_HEADER_STDCXX_TR1
# Check for C++11 features
AX_CXX_COMPILE_STDCXX_11
#AX_CXX_HEADER_STDCXX_11

```

```

if test "$ax_cv_cxx_have_std_namespace" = "yes"; then
CNF_HAVE_NAMESPACE_STD=1
else
CNF_HAVE_NAMESPACE_STD=0
fi

```

```

AS_IF(
[
test "x${ENABLE_NAMESPACE}" = "xyes",
[
AS_IF([test "x$ax_cv_cxx_namespaces" = "xyes"],
[
WITH_NAMESPACE=1

```

```

        AC_MSG_NOTICE([enable using of namespace Snmp_pp])
    ],
    [AC_MSG_FAILURE([C++ compiler does not support namespaces])]
],
[test "x${ENABLE_NAMESPACE}" = "xcheck"],
[
    AS_IF([test "x$ax_cv_cxx_namespaces" = "xyes"],
        [
            WITH_NAMESPACE=1
            AC_MSG_NOTICE([enable using of namespace Snmp_pp])
        ],
        [
            WITH_NAMESPACE=0
            AC_MSG_NOTICE([disable using of namespace Snmp_pp])
        ])
],
[
    WITH_NAMESPACE=0
    AC_MSG_NOTICE([disable using of namespace Snmp_pp])
]
)

WITH_LOG_PROFILES=0
AS_IF([test "x${ENABLE_LOGGING}" != "xno"],
    [
        WITH_LOGGING=1
        AS_IF([test "x$ax_cv_cxx_have_std" = "xyes" -a "x$WITH_LOG_PROFILE" != "xno"], [
            AC_MSG_CHECKING([which log-profile will be used])
            AS_CASE(
                [$WITH_LOG_PROFILE],
                [[[Oo][Ff][Ff]]], [DEFAULT_LOG_PROFILE="off"],
                [[[Qq][Uu][Ii][Ee][Tt]]],
                [DEFAULT_LOG_PROFILE="quiet"],
                [[[Yy][Ee][Ss][Ss][Tt][Dd]]], [DEFAULT_LOG_PROFILE="std"],
                [[[Ee][Vv][Ee][Nn][Tt][Ss]]], [DEFAULT_LOG_PROFILE="events"],
                [[[Vv][Ee][Rr][Bb][Oo][Ss][Ee]]], [DEFAULT_LOG_PROFILE="verbose"],
                [[[Ff][Uu][Ll][Ll]]], [DEFAULT_LOG_PROFILE="full"],
                [[[Dd][Ee][Bb][Uu][Gg]]], [DEFAULT_LOG_PROFILE="debug"],
                [[[Ss][Cc][Hh][Ww][Aa][Ff][Ee][Ll]]], [DEFAULT_LOG_PROFILE="schwafel"],
                [[[Oo][Rr][Ii][Gg][Ii][Nn][Aa][Ll]]], [DEFAULT_LOG_PROFILE="original"],
                [[[Dd][Ee][Ff][Aa][Uu][Ll][Tt]]], [DEFAULT_LOG_PROFILE="original"],
                [
                    AC_MSG_WARN([Invalid log profile "$WITH_LOG_PROFILE" - using "original"])
                    DEFAULT_LOG_PROFILE="original"
                ]
            )
        ])
    )
    AC_DEFINE_UNQUOTED([DEFAULT_LOG_PROFILE], "$DEFAULT_LOG_PROFILE", [Defines
default log profile to use])

```

```

    AC_MSG_RESULT("$DEFAULT_LOG_PROFILE")
    WITH_LOG_PROFILES=1
  ], [test "x$DEFAULT_LOG_PROFILE" != "xdefault" ], [
    AC_MSG_FAILURE(log profiles require STL support)
  ]
],
[WITH_LOGGING=0]
)

```

```

LINKFLAGS=""
CLIBFLAGS=""

```

dnl Now actually check for -lssl

```

WITH_SSL=0
ACX_CHECK_LIB_FLAGS([ssl], [crypto,dl,crypto dl], [SSL_library_init()], [AC_LANG_SOURCE([
#include <openssl/ssl.h>
#include <openssl/x509.h>
#include <openssl/err.h>
#include <openssl/rand.h>
#include <openssl/des.h>
#include <openssl/md4.h>
#include <openssl/md5.h>
])], [openssl],
[
  WITH_LIBSSL=1
  AC_LIB_APPENDTOVAR([LINKFLAGS], ${LIBS_SSL})
  AC_LIB_APPENDTOVAR([CLIBFLAGS], ${INC_SSL})
  AC_MSG_NOTICE([compiling in support for SSL via OpenSSL (LIBS="$LIBS_SSL")])
],
[WITH_LIBSSL=0]
)

```

```

WITH_LIBTOMCRYPT=0

```

dnl --with-tomcrypt: check if it's no

```

ACX_CHECK_LIB_FLAGS([tomcrypt], [], [find_cipher()], [AC_LANG_SOURCE([
#include <tomcrypt_cipher.h>
]), ,
[
  WITH_LIBTOMCRYPT=1
  AC_LIB_APPENDTOVAR([LINKFLAGS], ${LIBS_TOMCRYPT})
  AC_LIB_APPENDTOVAR([CLIBFLAGS], ${INC_TOMCRYPT})
  AC_MSG_NOTICE([compiling in support for libtomcrypt (LIBS="$LIBS_TOMCRYPT")])
],
[WITH_LIBTOMCRYPT=0]
)

```

```

WITH_LIBDES=0

```

```

ACX_CHECK_LIB_FLAGS([des], [], [AC_LANG_SOURCE([

```

```

des_key_schedule ks;
des_ecb_encrypt((C_Block *)0,(C_Block *)0,ks,DES_ENCRYPT)), [AC_LANG_SOURCE([
#include <des.h>
)], ,
[AC_LANG_SOURCE([
WITH_LIBDES=1
AC_LIB_APPENDTOVAR([LINKFLAGS], ${LIBS_DES})
AC_LIB_APPENDTOVAR([CLIBFLAGS], ${INC_DES})
AC_MSG_NOTICE([compiling in support for libdes (LIBS="$LIBS_DES")using des.h])
]),
[
dnl some packaging systems package libdes.h instead of des.h
dnl (to avoid conflicts with whatsoever)
unset acx_cv_found_libdes
ACX_CHECK_LIB_FLAGS([des], [], [AC_LANG_SOURCE([
des_key_schedule ks;
des_ecb_encrypt((C_Block *)0,(C_Block *)0,ks,DES_ENCRYPT)), [AC_LANG_SOURCE([
#include <libdes.h>
)], ,
[
WITH_LIBDES=1
AC_DEFINE([HAVE_LIBDES_H],
1, [Define when libdes.h shall be favored over des.h])
AC_LIB_APPENDTOVAR([LINKFLAGS], ${LIBS_DES})
AC_LIB_APPENDTOVAR([CLIBFLAGS], ${INC_DES})
AC_MSG_NOTICE([compiling in support for libdes (LIBS="$LIBS_DES") using libdes.h])
],
[WITH_LIBDES=0]
)
]
)

AC_MSG_CHECKING([snmp v3 status])
_SNMPv3=0
AS_IF([test "x${ENABLE_SNMPV3}" = "xyes"], [
AC_MSG_RESULT([required])
AS_IF([test "x$WITH_LIBSSL" = "x0" -a "x$WITH_LIBTOMCRYPT" = "x0" -a "x$WITH_LIBDES" = "x0"], [
AC_MSG_FAILURE([cryptographic library required for SNMPv3, but neither OpenSSL nor TomCrypt nor DES
is available.],[255])
]) dnl endif : have a crypto library
AC_DEFINE([_SNMPv3], 1, [define _SNMPv3 if you want to use SNMPv3])
_SNMPv3=1
], [test "x${ENABLE_SNMPV3}" = "xcheck"], [
AS_IF([test "x$WITH_LIBSSL" != "x0"], [
AC_MSG_RESULT([supported (openssl)])
AC_DEFINE([_SNMPv3], 1, [define _SNMPv3 if you want to use SNMPv3])
_SNMPv3=1
], [test "x$WITH_LIBTOMCRYPT"

```



```

!= "x0"], [
  AC_MSG_RESULT([supported (tomcrypt)])
  AC_DEFINE([_SNMPv3], 1, [define _SNMPv3 if you want to use SNMPv3])
  _SNMPv3=1
], [test "x$WITH_LIBDES" != "x0"], [gettid
  AC_MSG_RESULT([supported (libdes)])
  AC_DEFINE([_SNMPv3], 1, [define _SNMPv3 if you want to use SNMPv3])
  _SNMPv3=1
], [
  AC_MSG_RESULT([not supported])
  AC_DEFINE([_NO_SNMPv3], 1, [define _NO_SNMPv3 if you do not want to use SNMPv3])
  _NO_SNMPv3=1
])
], [
  AC_MSG_RESULT([disabled])
  AC_DEFINE([_NO_SNMPv3], 1, [define _NO_SNMPv3 if you do not want to use SNMPv3])
  _NO_SNMPv3=1
]) dnl endif : --enable-snmpv3

```

```

if test "$ax_cv_cxx_stdcxx_98" = yes; then
  CNF_STDCXX_98_HEADERS=1
else
  CNF_STDCXX_98_HEADERS=0
fi

```

```

LT_INIT
LT_INIT

```

```

AC_SUBST(SNMP_PP_MAJOR_VERSION)
AC_SUBST(SNMP_PP_MINOR_VERSION)
AC_SUBST(SNMP_PP_MICRO_VERSION)

```

```

AC_SUBST(LINKFLAGS)
AC_SUBST(CLIBFLAGS)

```

```

AC_SUBST(_SNMPv3)
AC_SUBST(WITH_THREADS)
AC_SUBST(WITH_SNMP_PP_IPv6)
AC_SUBST(WITH_LIBSSL)
AC_SUBST(WITH_LIBTOMCRYPT)
AC_SUBST(WITH_LIBDES)
AC_SUBST(WITH_LOGGING)
AC_SUBST(WITH_NAMESPACE)
AC_SUBST(WITH_PTHREAD)
AC_SUBST(WITH_MODULES)

```

AC_SUBST(WITH_MACADDRESS)
AC_SUBST(WITH_IPXADDRESS)
AC_SUBST(WITH_LOG_PROFILES)

AC_SUBST(CNF_STDC_HEADERS)
AC_SUBST(CNF_HAVE_SYS_TYPES_H)
AC_SUBST(CNF_HAVE_SYS_STAT_H)
AC_SUBST(CNF_HAVE_STDLIB_H)
AC_SUBST(CNF_HAVE_UNISTD_H)
AC_SUBST(CNF_HAVE_SYS_UNISTD_H)
AC_SUBST(CNF_HAVE_STDINT_H)
AC_SUBST(CNF_HAVE_POLL_H)
AC_SUBST(CNF_HAVE_SYS_SELECT_H)
AC_SUBST(CNF_HAVE_STRING_H)
AC_SUBST(CNF_HAVE_STRINGS_H)
AC_SUBST(CNF_HAVE_INTTYPES_H)
AC_SUBST(CNF_HAVE_CTYPE_H)
AC_SUBST(CNF_HAVE_SIGNAL_H)
AC_SUBST(CNF_HAVE_ERRNO_H)
AC_SUBST(CNF_HAVE_TIME_H)
AC_SUBST(CNF_HAVE_NETDB_H)
AC_SUBST(CNF_HAVE_MEMORY_H)
AC_SUBST(CNF_HAVE_SYS_TIME_H)
AC_SUBST(CNF_HAVE_SYS_TIMEB_H)
AC_SUBST(CNF_HAVE_SYS_SOCKET_H)
AC_SUBST(CNF_HAVE_ARPA_INET_H)
AC_SUBST(CNF_HAVE_NETINET_IN_H)
AC_SUBST(CNF_HAVE_IO_H)
AC_SUBST(CNF_HAVE_PROCESS_H)
AC_SUBST(CNF_HAVE_WINSOCK_H)
AC_SUBST(CNF_HAVE_WINSOCK2_H)
AC_SUBST(CNF_HAVE_WS2TCPIP_H)
AC_SUBST(CNF_HAVE_WSPIAPI_H)
AC_SUBST(CNF_STDCXX_98_HEADERS)
AC_SUBST(CNF_HAVE_STRCASECMP)
AC_SUBST(CNF_HAVE_STRICMP)
AC_SUBST(CNF_HAVE_GETPID)
AC_SUBST(CNF_HAVE__GETPID)
AC_SUBST(CNF_HAVE_STRUCT_SOCKADDR_STORAGE_SS_FAMILY)
AC_SUBST(CNF_HAVE_STRUCT_SOCKADDR_STORAGE__SS_FAMILY)
AC_SUBST(CNF_HAVE_NAMESPACE_STD)
AC_SUBST(CNF_HAVE_SYS_PARAM_H)

AC_CONFIG_FILES([Makefile
include/Makefile include/snmp_pp/Makefile consoleExamples/Makefile src/Makefile])
AC_CONFIG_FILES([snmp++-3.pc include/snmp_pp/config_snmp_pp.h libsnmp.h])
AC_OUTPUT

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/configure.ac

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

```
/*_#####  
_##  
_##  octet.cpp  
_##  
_##  SNMP++ v3.4  
_##  -----  
_##  Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_##  This software is based on SNMP++2.6 from Hewlett Packard:  
_##  
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_##  upon this software code base.  
_##  
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/octet.cpp

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

```
/*_#####  
_##  
_##  oid_def.h  
_##  
_##  SNMP++ v3.4  
_##  -----  
_##  Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_##  This software is based on SNMP++2.6 from Hewlett Packard:  
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```

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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/oid_def.h
```

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

```
/*_#####
_##
_## eventlistholder.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/eventlistholder.cpp

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

```
/*_#####  
_##  
_## reentrant.h  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
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_##  
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-

3.5.2/include/snmp_pp/reentrant.h

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

```
/*_#####  
_##  
_## snmpTraps.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
_##
```

```

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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/consoleExamples/snmpTraps.cpp

```

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

```

/*_#####
_##
_## target.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## upon this software code base.

```

```
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/target.h
No license file was found, but licenses were detected in source scan.

```
/* #####
_##
_## msec.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/msec.h
No license file was found, but licenses were detected in source scan.

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_namespace_std.html
# =====
#
# SYNOPSIS
#
# AX_CXX_NAMESPACE_STD
#
# DESCRIPTION
```

```

#
# If the compiler supports namespace std, define HAVE_NAMESPACE_STD.
#
# LICENSE
#
# Copyright (c) 2009 Todd Veldhuizen
# Copyright (c) 2009 Luc Maisonobe <luc@spaceroots.org>
#
# Copying and distribution of this file, with or without modification, are
# permitted in any medium without royalty provided the copyright notice
# and this notice are preserved. This file is offered as-is, without any
# warranty.

#serial 6

AU_ALIAS([AC_CXX_NAMESPACE_STD], [AX_CXX_NAMESPACE_STD])
AC_DEFUN([AX_CXX_NAMESPACE_STD], [
  AC_CACHE_CHECK(if g++ supports namespace std,
    ax_cv_cxx_have_std_namespace,
    [AC_LANG_SAVE
     AC_LANG_CPLUSPLUS
     AC_TRY_COMPILE([#include <iostream>
                    std::istream& is = std::cin;],,
                    ax_cv_cxx_have_std_namespace=yes, ax_cv_cxx_have_std_namespace=no)
    AC_LANG_RESTORE
    ])
  if test "$ax_cv_cxx_have_std_namespace" = yes; then
    AC_DEFINE(HAVE_NAMESPACE_STD,,[Define if g++ supports namespace std. ])
  fi
])

```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/acx_cxx_namespace_std.m4

```

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```

/*_#####
_##
_## collect.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```



```
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_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/collect.h

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```
/*_#####*/
_##
_## integer.h
_##
_## SNMP++ v3.4
_## -----
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/integer.h

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```

/*_#####
_##
_## ctr64.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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_##
_#####*/

```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/ctr64.h

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```

/*_#####
_##
_## sha.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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_##
_#####*/
/*****
* SHS.c - Secure Hash Standard (draft) FIPS 180-1      *
*                                     *
* Copyright (C) 1994 Uri Blumenthal, uri@watson.ibm.com *
* Copyright (C) 1994 IBM T. J. Watson esearch Center  *
*                                     *
* Feel free to use this code, as long as you acknowledge the *
* ownership by U. Blumenthal and IBM Corp. and agree to hold *
* both harmless in case of ANY problem you may have with this *
* code.
*
*****/

```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/sha.cpp
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```

```

/* _#####
_##
_## idea.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
/*
```

idea.h

Author: Tatu Ylonen <ylo@cs.hut.fi>

Copyright (c) 1995 Tatu Ylonen <ylo@cs.hut.fi>, Espoo, Finland
All rights reserved

Created: Sun Jun 25 04:44:30 1995 ylo

The IDEA encryption algorithm.

*/

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/idea.h
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
_## snmpNextAsync.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
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```

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_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/snmpNextAsync.cpp
```

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```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/Makefile.solaris
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/Makefile.dunix
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/Makefile.linux
```

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

```
/*_#####
_##
_## reentrant.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

```
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/reentrant.cpp
No license file was found, but licenses were detected in source scan.
```

```
# This file is free software; the Free Software Foundation gives
# modifications, as long as this notice is preserved.
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/build-aux/config.rpath
No license file was found, but licenses were detected in source scan.
```

```
/*_#####
_##
_## sha.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
```

```

_#####*/
/*****
* SHS.h - Secure Hash Standard (draft) FIPS 180-1      *
*
* Copyright (C) 1994 Uri Blumenthal, uri@watson.ibm.com *
* Copyright (C) 1994 IBM T. J. Watson esearch Center  *
*
* Feel free to use this code, as long as you acknowledge the *
* ownership by U. Blumenthal and IBM Corp. and agree to hold *
* both harmless in case of ANY problem you may have with this *
* code.
*****/

```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/sha.h

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

```

/*_#####
_##
_## md5c.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## "AS-IS" without warranty of any kind, either express or implied. User
_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
/* Copyright (C) 1991, RSA Data Security, Inc. All rights reserved.

```

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*/

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/md5c.cpp

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```
/*_#####  
_##  
_## v3.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
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_##
```


_*#####*/

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/v3.cpp

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

/*_#####*/

```
_##
_## libsnmp.h.in
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#######*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/libsnmp.h.in

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/libsnmp.h

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

/*_#####*/

```
_##
_## uxsnp.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/uxsnmp.cpp

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```
/*_#####
_##
_## counter.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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```

```
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/counter.cpp

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```
/*_#####
_##
_## snmpDiscover.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-

3.5.2/consoleExamples/snmpDiscover.cpp

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```
/*_#####
_##
_## IPv6Utility.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
```

```

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```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/IPv6Utility.h

```

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```

# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_have_std.html
# =====
#
# SYNOPSIS
#

```

```

# AX_CXX_HAVE_STD
#
# DESCRIPTION
#
# If the compiler supports ISO C++ standard library (i.e., can include the
# files iostream, map, iomanip and cmath), define HAVE_STD.
#
# LICENSE
#
# Copyright (c) 2008 Todd Veldhuizen
# Copyright (c) 2008 Luc Maisonobe <luc@spaceroots.org>
#
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# warranty.

#serial 6

AU_ALIAS([AC_CXX_HAVE_STD], [AX_CXX_HAVE_STD])
AC_DEFUN([AX_CXX_HAVE_STD],
[AC_CACHE_CHECK(whether the compiler supports ISO C++ standard library,
ax_cv_cxx_have_std,
[AC_REQUIRE([AX_CXX_NAMESPACES])
AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([#include <iostream>
#include <map>
#include <iomanip>
#include <cmath>
#ifdef HAVE_NAMESPACES
using namespace std;
#endif],[return 0;],
ax_cv_cxx_have_std=yes, ax_cv_cxx_have_std=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_have_std" = yes; then
AC_DEFINE(HAVE_STD,,[define if the compiler supports ISO C++ standard library])
fi
])

```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/m4/acx_cxx_have_std.m4

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```

/* #####
_##
_## cmake_config.h.in

```

```

_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## "AS-IS" without warranty of any kind, either express or implied. User
_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
/* Define if you want the debug output support compiled in. */
#cmakedefine DEBUG

/* Defines default log profile to use */
#cmakedefine DEFAULT_LOG_PROFILE "@DEFAULT_LOG_PROFILE@"

/* Define to 1 if you have the `clock_gettime' function. */
#cmakedefine HAVE_CLOCK_GETTIME

/* Define if getaddrinfo is there */
#cmakedefine HAVE_GETADDRINFO

/* Define to 1 if you have the `gethostbyaddr' function. */
#cmakedefine HAVE_GETHOSTBYADDR

/* Define to 1 if you have the `gethostbyaddr_r' function. */
#cmakedefine HAVE_GETHOSTBYADDR_R

/* Define to 1 if you have the `gethostbyname' function. */
#cmakedefine HAVE_GETHOSTBYNAME

/* Define to 1 if you
have the `gethostbyname2' function. */
#cmakedefine HAVE_GETHOSTBYNAME2

```

```
/* Define to 1 if you have the `gethostbyname_r' function. */
#cmakedefine HAVE_GETHOSTBYNAME_R

/* Define to 1 if you have the `gethostname' function. */
#cmakedefine HAVE_GETHOSTNAME

/* Define to 1 if you have the `getpid' function. */
#cmakedefine HAVE_GETPID

/* Define to 1 if you have the `gettimeofday' function. */
#cmakedefine HAVE_GETTIMEOFDAY

/* Define to 1 if you have the `htonl' function. */
#cmakedefine HAVE_HTONL

/* Define to 1 if you have the `arc4random' function. */
#cmakedefine HAVE_ARC4RANDOM

/* Define to 1 if you have the `inet_aton' function. */
#cmakedefine HAVE_INET_ATON

/* Define to 1 if you have the `inet_ntoa' function. */
#cmakedefine HAVE_INET_NTOA

/* Define to 1 if you have the `inet_ntop' function. */
#cmakedefine HAVE_INET_NTOP

/* Define to 1 if you have the `inet_pton' function. */
#cmakedefine HAVE_INET_PTON

/* Define to 1 if you have the <inttypes.h> header file. */
#cmakedefine
HAVE_INTTYPES_H

/* Define to 1 if you have the <io.h> header file. */
#cmakedefine HAVE_IO_H

/* Define to 1 if you have the `isdigit' function. */
#cmakedefine HAVE_ISDIGIT

/* Define when libdes.h shall be favored over des.h */
#cmakedefine HAVE_LIBDES_H

/* Define to 1 if you have the <limits.h> header file. */
#cmakedefine HAVE_LIMITS_H

/* Define to 1 if you have the `localtime_r' function. */
```

```
#cmakedefine HAVE_LOCALTIME_R

/* Define to 1 if you have the `malloc' function. */
#cmakedefine HAVE_MALLOC

/* Define to 1 if you have the <memory.h> header file. */
#cmakedefine HAVE_MEMORY_H

/* Define to 1 if you have the `memset' function. */
#cmakedefine HAVE_MEMSET

/* Define to 1 if you have the <netdb.h> header file. */
#cmakedefine HAVE_NETDB_H

/* Define to 1 if you have the <netinet/in.h> header file. */
#cmakedefine HAVE_NETINET_IN_H

/* Define to 1 if you have the `poll' function. */
#cmakedefine HAVE_POLL

/* Define to 1 if you have the <poll.h> header file. */
#cmakedefine
HAVE_POLL_H

/* Define to 1 if you have the <process.h> header file. */
#cmakedefine HAVE_PROCESS_H

/* Define if you have POSIX threads libraries and header files. */
#cmakedefine HAVE_PTHREAD @HAVE_PTHREAD@

/* Define to 1 if you have the `realloc' function. */
#cmakedefine HAVE_REALLOC

/* Define to 1 if you have the `select' function. */
#cmakedefine HAVE_SELECT

/* Define to 1 if you have the <signal.h> header file. */
#cmakedefine HAVE_SIGNAL_H

/* Define to 1 if you have the `socket' function. */
#cmakedefine HAVE_SOCKET

/* Define to 1 if you have the <stdint.h> header file. */
#cmakedefine HAVE_STDINT_H

/* Define to 1 if you have the <stdio.h> header file. */
#cmakedefine HAVE_STDIO_H
```



```
/* Define to 1 if you have the <stdlib.h> header file. */
#define HAVE_STDLIB_H

/* Define to 1 if you have the `strcasecmp' function. */
#define HAVE_STRCASECMP

/* Define to 1 if you have the `strchr' function. */
#define HAVE_STRCHR

/* Define to 1 if you have the `strerror'
function. */
#define HAVE_STRERROR

/* Define to 1 if you have the `stricmp' function. */
#define HAVE_STRICMP

/* Define to 1 if you have the <strings.h> header file. */
#define HAVE_STRINGS_H

/* Define to 1 if you have the <string.h> header file. */
#define HAVE_STRING_H

/* Define to 1 if you have the `strstr' function. */
#define HAVE_STRSTR

/* Define to 1 if you have the <sys/param.h> header file. */
#define HAVE_SYS_PARAM_H

/* Define to 1 if you have the <sys/select.h> header file. */
#define HAVE_SYS_SELECT_H

/* Define to 1 if you have the <sys/socket.h> header file. */
#define HAVE_SYS_SOCKET_H

/* Define to 1 if you have the <sys/stat.h> header file. */
#define HAVE_SYS_STAT_H

/* Define to 1 if you have the <sys/timeb.h> header file. */
#define HAVE_SYS_TIMEB_H

/* Define to 1 if you have the <sys/time.h> header file. */
#define HAVE_SYS_TIME_H

/* Define to 1 if you have the <sys/types.h> header file. */
#define HAVE_SYS_TYPES_H

/* Define to 1 if you have the <sys/unistd.h> header file. */
```

```

#cmakedefine HAVE_SYS_UNISTD_H

/* Define to 1 if you have the <time.h> header file. */
#cmakedefine HAVE_TIME_H

/* Define to 1 if you have the <unistd.h> header file. */
#cmakedefine HAVE_UNISTD_H

/* Define to 1 if you have the <winsock2.h> header file. */
#cmakedefine HAVE_WINSOCK2_H

/* Define to 1 if you have the <winsock.h> header file. */
#cmakedefine HAVE_WINSOCK_H

/* Define to 1 if you have the <ws2tcpip.h> header file. */
#cmakedefine HAVE_WS2TCPIP_H

/* Define to 1 if you have the <wsapi.h> header file. */
#cmakedefine HAVE_WSPIAPI_H

/* Define to 1 if you have the `_getpid' function. */
#cmakedefine HAVE__GETPID

/* define SNMP_PP_IPV6 if you want to use IPv6 */
#cmakedefine SNMP_PP_IPV6 @SNMP_PP_IPV6@

/* Define to 1 if you have the ANSI C header files. */
#cmakedefine STDC_HEADERS

/* Define if ISO C++ 1998 header files are present. */
#cmakedefine STDCXX_98_HEADERS

/* Version number
of package */
#define VERSION "@VERSION@"

/* define _NO_SNMPv3 if you do not want to use SNMPv3 */
#cmakedefine _NO_SNMPv3

/* define _SNMPv3 if you want to use SNMPv3 */
#cmakedefine _SNMPv3 @_SNMPv3@

/* Define to necessary symbol if this constant uses a non-standard name on
your system. */
#cmakedefine PTHREAD_CREATE_JOINABLE

/* Define to `__inline__' or `__inline' if that's what the C compiler
calls it, or to nothing if 'inline' is not supported under any name. */

```

```
#ifndef __cplusplus
#cmakedefine inline
#define inline ${INLINE_KEYWORD}
#endif
```

```
/* Define to `unsigned int' if <sys/types.h> does not define. */
#cmakedefine size_t ${size_t}
```

```
/* _XOPEN_SOURCE $HAVE_XOPEN_SOURCE */
#cmakedefine HAVE_XOPEN_SOURCE
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/cmake_config.h.in
No license file was found, but licenses were detected in source scan.

```
/* #####
_##
_## msgqueue.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
_## Copyright (c) 1996
_## Hewlett-Packard Company
_##
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_## "AS-IS" without warranty of any kind, either express or implied. User
_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/msgqueue.cpp
No license file was found, but licenses were detected in source scan.

```
/* #####
```

```
_##
_## smival.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/smival.h

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

```
/*_#####
_##
_## auth_priv.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

```
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/auth_priv.h
```

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

```
/*_#####
_##
_## log.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/log.h
```

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

```
/*_#####  
_##  
_## address.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
_##  
_## Copyright (c) 1996  
_## Hewlett-Packard Company  
_##  
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_## hereby grants a royalty-free license to any and all derivatives based  
_## upon this software code base.  
_##  
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/address.cpp

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

```
/*_#####  
_##  
_## pdu.h  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
_##  
_## Copyright (c) 1996  
_## Hewlett-Packard Company  
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```

```
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/pdu.h
No license file was found, but licenses were detected in source scan.
```

```
/*_#####
_##
_## snmpNext.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
_## Copyright (c) 1996
_## Hewlett-Packard Company
_##
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_## "AS-IS" without warranty of any kind, either express or implied. User
_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/consoleExamples/snmpNext.cpp
```

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

```
# lib-link.m4 serial 26 (gettext-0.18.2)
dnl Copyright (C) 2001-2012 Free Software Foundation, Inc.
dnl This file is free software; the Free Software Foundation
dnl gives unlimited permission to copy and/or distribute it,
dnl with or without modifications, as long as this notice is preserved.
```

```
dnl From Bruno Haible.
```

```
AC_PREREQ([2.54])
```

```
dnl AC_LIB_LINKFLAGS(name [, dependencies]) searches for libname and
dnl the libraries corresponding to explicit and implicit dependencies.
dnl Sets and AC_SUBSTs the LIB${NAME} and LTLIB${NAME} variables and
dnl augments the CPPFLAGS variable.
dnl Sets and AC_SUBSTs the LIB${NAME}_PREFIX variable to nonempty if libname
dnl was found in ${LIB${NAME}_PREFIX}/$ac_librdirstem.
```

```
AC_DEFUN([AC_LIB_LINKFLAGS],
[
  AC_REQUIRE([AC_LIB_PREPARE_PREFIX])
  AC_REQUIRE([AC_LIB_RPATH])
  pushdef([Name],[m4_translit([$1],[./+-], [____])])
  pushdef([NAME],[m4_translit([$1],[abcdefghijklmnopqrstuvwxyz./+-],
                              [ABCDEFGHIJKLMNOPQRSTUVWXYZ____])])
  AC_CACHE_CHECK([how to link with lib[]$1], [ac_cv_lib[]Name[]_libs], [
    AC_LIB_LINKFLAGS_BODY([$1], [$2])
    ac_cv_lib[]Name[]_libs="$LIB[]NAME"
    ac_cv_lib[]Name[]_ltdlibs="$LTLIB[]NAME"
    ac_cv_lib[]Name[]_cppflags="$INC[]NAME"
    ac_cv_lib[]Name[]_prefix="$LIB[]NAME[]_PREFIX"
  ])
  LIB[]NAME="$ac_cv_lib[]Name[]_libs"
  LTLIB[]NAME="$ac_cv_lib[]Name[]_ltdlibs"
  INC[]NAME="$ac_cv_lib[]Name[]_cppflags"
  LIB[]NAME[]_PREFIX="$ac_cv_lib[]Name[]_prefix"
  AC_LIB_APPENDTOVAR([CPPFLAGS], [$INC]NAME)
  AC_SUBST([LIB]NAME)
  AC_SUBST([LTLIB]NAME)
  AC_SUBST([LIB]NAME[]_PREFIX)
  dnl Also set HAVE_LIB[]NAME so that AC_LIB_HAVE_LINKFLAGS can reuse the
  dnl results of this search when this library appears as a dependency.
  HAVE_LIB[]NAME=yes
  popdef([NAME])
  popdef([Name])
])
```

```
dnl AC_LIB_HAVE_LINKFLAGS(name, dependencies, includes, testcode, [missing-message])
```



```

dnl searches for libname and the libraries corresponding
to explicit and
dnl implicit dependencies, together with the specified include files and
dnl the ability to compile and link the specified testcode. The missing-message
dnl defaults to 'no' and may contain additional hints for the user.
dnl If found, it sets and AC_SUBSTs HAVE_LIB${NAME}=yes and the LIB${NAME}
dnl and LTLIB${NAME} variables and augments the CPPFLAGS variable, and
dnl #defines HAVE_LIB${NAME} to 1. Otherwise, it sets and AC_SUBSTs
dnl HAVE_LIB${NAME}=no and LIB${NAME} and LTLIB${NAME} to empty.
dnl Sets and AC_SUBSTs the LIB${NAME}_PREFIX variable to nonempty if libname
dnl was found in ${LIB${NAME}_PREFIX}/$acl_libdirstem.
AC_DEFUN([AC_LIB_HAVE_LINKFLAGS],
[
AC_REQUIRE([AC_LIB_PREPARE_PREFIX])
AC_REQUIRE([AC_LIB_RPATH])
pushdef([Name],[m4_translit([$1],[./+-], [____])])
pushdef([NAME],[m4_translit([$1],[abcdefghijklmnopqrstuvwxyz./+-],
[ABCDEFGHIJKLMNPNOPQRSTUVWXYZ____])])

dnl Search for lib[]Name and define LIB[]NAME,
LTLIB[]NAME and INC[]NAME
dnl accordingly.
AC_LIB_LINKFLAGS_BODY([$1], [$2])

dnl Add $INC[]NAME to CPPFLAGS before performing the following checks,
dnl because if the user has installed lib[]Name and not disabled its use
dnl via --without-lib[]Name-prefix, he wants to use it.
ac_save_CPPFLAGS="$CPPFLAGS"
AC_LIB_APPENDTOVAR([CPPFLAGS], [$INC]NAME)

AC_CACHE_CHECK([for lib[]$1], [ac_cv_lib[]Name], [
ac_save_LIBS="$LIBS"
dnl If $LIB[]NAME contains some -l options, add it to the end of LIBS,
dnl because these -l options might require -L options that are present in
dnl LIBS. -l options benefit only from the -L options listed before it.
dnl Otherwise, add it to the front of LIBS, because it may be a static
dnl library that depends on another static library that is present in LIBS.
dnl Static libraries benefit only from the static libraries listed after
dnl it.
case " $LIB[]NAME" in
*" -l"*) LIBS="$LIBS $LIB[]NAME" ;;
*)
LIBS="$LIB[]NAME $LIBS" ;;
esac
AC_LINK_IFELSE(
[AC_LANG_PROGRAM([[ $3 ]], [[ $4 ]]),
[ac_cv_lib[]Name=yes],
[ac_cv_lib[]Name='m4_if([$5], [], [no], [[ $5 ]])']])

```

```

LIBS="$ac_save_LIBS"
])
if test "$ac_cv_lib[Name]" = yes; then
  HAVE_LIB[NAME]=yes
  AC_DEFINE([HAVE_LIB]NAME, 1, [Define if you have the lib][$1 library.])
  AC_MSG_CHECKING([how to link with lib][$1])
  AC_MSG_RESULT([$LIB[NAME])
else
  HAVE_LIB[NAME]=no
  dnl If $LIB[NAME] didn't lead to a usable library, we don't need
  dnl $INC[NAME] either.
  CPPFLAGS="$ac_save_CPPFLAGS"
  LIB[NAME]=
  LTLIB[NAME]=
  LIB[NAME][_PREFIX]=
fi
AC_SUBST([HAVE_LIB]NAME)
AC_SUBST([LIB]NAME)
AC_SUBST([LTLIB]NAME)
AC_SUBST([LIB]NAME[_PREFIX])
popdef([NAME])
popdef([Name])
])

dnl Determine the platform dependent parameters needed to use rpath:
dnl ac_libext,
dnl ac_shlibext,
dnl ac_libname_spec,
dnl ac_library_names_spec,
dnl ac_hardcode_libdir_flag_spec,
dnl
  ac_hardcode_libdir_separator,
dnl ac_hardcode_direct,
dnl ac_hardcode_minus_L.
AC_DEFUN([AC_LIB_RPATH],
[
  dnl Tell automake >= 1.10 to complain if config.rpath is missing.
  m4_ifdef([AC_REQUIRE_AUX_FILE], [AC_REQUIRE_AUX_FILE([config.rpath])])
  AC_REQUIRE([AC_PROG_CC])          dnl we use $CC, $GCC, $LDFLAGS
  AC_REQUIRE([AC_LIB_PROG_LD])      dnl we use $LD, $with_gnu_ld
  AC_REQUIRE([AC_CANONICAL_HOST])    dnl we use $host
  AC_REQUIRE([AC_CONFIG_AUX_DIR_DEFAULT]) dnl we use $ac_aux_dir
  AC_CACHE_CHECK([for shared library run path origin], [ac_cv_rpath], [
    CC="$CC" GCC="$GCC" LDFLAGS="$LDFLAGS" LD="$LD" with_gnu_ld="$with_gnu_ld" \
    ${CONFIG_SHELL-/bin/sh} "$ac_aux_dir/config.rpath" "$host" > conftest.sh
    ./conftest.sh
    rm -f ./conftest.sh
    ac_cv_rpath=done
  ]

```

```

)
wl="$acl_cv_wl"
acl_libext="$acl_cv_libext"
acl_shlibext="$acl_cv_shlibext"
acl_libname_spec="$acl_cv_libname_spec"
acl_library_names_spec="$acl_cv_library_names_spec"
acl_hardcode_libdir_flag_spec="$acl_cv_hardcode_libdir_flag_spec"
acl_hardcode_libdir_separator="$acl_cv_hardcode_libdir_separator"
acl_hardcode_direct="$acl_cv_hardcode_direct"
acl_hardcode_minus_L="$acl_cv_hardcode_minus_L"
dnl Determine whether the user wants rpath handling at all.
AC_ARG_ENABLE([rpath],
  [ --disable-rpath    do not hardcode runtime library paths],
  :, enable_rpath=yes)
)

```

dnl AC_LIB_FROMPACKAGE(name, package)
dnl declares that libname comes from the given package. The configure file
dnl will then not have a --with-libname-prefix option but a
dnl --with-package-prefix option. Several libraries can come from the same
dnl package. This declaration must occur before an AC_LIB_LINKFLAGS or similar
dnl macro call that searches for libname.

```

AC_DEFUN([AC_LIB_FROMPACKAGE],
[
pushdef([NAME],[m4_translit([$1],[abcdefghijklmnopqrstuvwxyz./+-],
                          [ABCDEFGHJKLMNPQRSTUVWXYZ____])])
define([acl_frompackage_]NAME,
[$2])
popdef([NAME])
pushdef([PACK],[$2])
pushdef([PACKUP],[m4_translit(PACK,[abcdefghijklmnopqrstuvwxyz./+-],
                              [ABCDEFGHJKLMNPQRSTUVWXYZ____])])
define([acl_libsinpackage_]PACKUP,
  m4_ifdef([acl_libsinpackage_]PACKUP, [m4_defn([acl_libsinpackage_]PACKUP)[, ]],[lib$1])
popdef([PACKUP])
popdef([PACK])
])

```

dnl AC_LIB_LINKFLAGS_BODY(name [, dependencies]) searches for libname and
dnl the libraries corresponding to explicit and implicit dependencies.
dnl Sets the LIB\${NAME}, LTLIB\${NAME} and INC\${NAME} variables.
dnl Also, sets the LIB\${NAME}_PREFIX variable to nonempty if libname was found
dnl in \${LIB\${NAME}_PREFIX}/\$acl_libdirstem.

```

AC_DEFUN([AC_LIB_LINKFLAGS_BODY],
[
AC_REQUIRE([AC_LIB_PREPARE_MULTILIB])
pushdef([NAME],[m4_translit([$1],[abcdefghijklmnopqrstuvwxyz./+-],
                          [ABCDEFGHJKLMNPQRSTUVWXYZ____])])

```

```

pushdef([PACK],[m4_ifdef([acl_frompackage_]NAME, [acl_frompackage_]NAME, lib[$1]))
pushdef([PACKUP],[m4_translit(PACK,[abcdefghijklmnopqrstuvwxyz./+-],
                               [ABCDEFGHJKLMNOPQRSTUVWXYZ____]))
pushdef([PACKLIBS],[m4_ifdef([acl_frompackage_]NAME, [acl_libsinpackage_]PACKUP, lib[$1]))
dnl Autoconf >= 2.61 supports dots in --with options.
pushdef([P_A_C_K],[m4_if(m4_version_compare(m4_defn([m4_PACKAGE_VERSION]),[2.61]),[-
1],[m4_translit(PACK,[.],[_]),PACK)])
dnl By default, look in $includedir and $libdir.
use_additional=yes
AC_LIB_WITH_FINAL_PREFIX([
  eval additional_includedir="\$includedir"
  eval additional_libdir="\$libdir"
])
AC_ARG_WITH(P_A_C_K[[-prefix],
[[ --with-]]P_A_C_K[[-prefix[=DIR] search for ]PACKLIBS[ in DIR/include and DIR/lib
--without-]]P_A_C_K[[-prefix don't search for ]PACKLIBS[ in includedir and libdir]],
[
  if test "X$withval" = "Xno"; then
    use_additional=no
  else
    if test "X$withval" = "X"; then
      AC_LIB_WITH_FINAL_PREFIX([
        eval additional_includedir="\$includedir"
        eval additional_libdir="\$libdir"
      ])
    else
      additional_includedir="$withval/include"
      additional_libdir="$withval/$acl_libdirstem"
      if test "$acl_libdirstem2" != "$acl_libdirstem" \
        && ! test -d "$withval/$acl_libdirstem"; then
        additional_libdir="$withval/$acl_libdirstem2"
      fi
    fi
  fi
])
dnl Search the library and its dependencies in $additional_libdir and
dnl $LDFLAGS. Using breadth-first-search.
LIB[]NAME=
LTLIB[]NAME=
INC[]NAME=
LIB[]NAME[]_PREFIX=
dnl HAVE_LIB${NAME} is an indicator that LIB${NAME}, LTLIB${NAME} have been
dnl computed. So it has to be reset here.
HAVE_LIB[]NAME=
rpathdirs=
ltrpathdirs=
names_already_handled=
names_next_round='$1 $2'

```

```

while test -n "$names_next_round"; do
  names_this_round="$names_next_round"
  names_next_round=
  for name in $names_this_round; do
    already_handled=
    for n in $names_already_handled; do
      if test
"$n" = "$name"; then
        already_handled=yes
        break
      fi
    done
    if test -z "$already_handled"; then
      names_already_handled="$names_already_handled $name"
      dnl See if it was already located by an earlier AC_LIB_LINKFLAGS
      dnl or AC_LIB_HAVE_LINKFLAGS call.
      upername=`echo "$name" | sed -e 'y|abcdefghijklmnopqrstuvwxyz./+|
|ABCDEFGHIJKLMNOPQRSTUVWXYZ_|'^
      eval value="\$HAVE_LIB$upername\"
      if test -n "$value"; then
        if test "$value" = yes; then
          eval value="\$LIB$upername\"
          test -z "$value" || LIB[]NAME="{LIB[]NAME}{LIB[]NAME:+ }$value"
          eval value="\$LTLIB$upername\"
          test -z "$value" || LTLIB[]NAME="{LTLIB[]NAME}{LTLIB[]NAME:+ }$value"
        else
          dnl An earlier call to AC_LIB_HAVE_LINKFLAGS has determined
          dnl that this library doesn't exist. So just drop it.
          :
        fi
      else
        dnl Search
the library lib$name in $additional_libdir and $LDFLAGS
      dnl and the already constructed $LIBNAME/$LTLIBNAME.
      found_dir=
      found_la=
      found_so=
      found_a=
      eval libname="\$acl_libname_spec\" # typically: libname=lib$name
      if test -n "$acl_shlibext"; then
        shrext=".$acl_shlibext" # typically: shrext=.so
      else
        shrext=
      fi
      if test $use_additional = yes; then
        dir="$additional_libdir"
        dnl The same code as in the loop below:
        dnl First look for a shared library.

```

```

if test -n "$acl_shlibext"; then
  if test -f "$dir/$libname$shrext"; then
    found_dir="$dir"
    found_so="$dir/$libname$shrext"
  else
    if test "$acl_library_names_spec" = '$libname$shrext$versuffix'; then
      ver=`(cd "$dir" && \
        for f in "$libname$shrext".*;
do echo "$f"; done \
  | sed -e "s,^$libname$shrext\\\\\\,,," \
  | sort -t '!' -n -r -k1,1 -k2,2 -k3,3 -k4,4 -k5,5 \
  | sed 1q) 2>/dev/null`
      if test -n "$ver" && test -f "$dir/$libname$shrext.$ver"; then
        found_dir="$dir"
        found_so="$dir/$libname$shrext.$ver"
      fi
    else
      eval library_names=`"$acl_library_names_spec"`
      for f in $library_names; do
        if test -f "$dir/$f"; then
          found_dir="$dir"
          found_so="$dir/$f"
          break
        fi
      done
    fi
  fi
fi

dnl Then look for a static library.
if test "X$found_dir" = "X"; then
  if test -f "$dir/$libname.$acl_libext"; then
    found_dir="$dir"
    found_a="$dir/$libname.$acl_libext"
  fi
fi

if test "X$found_dir" != "X"; then
  if test -f "$dir/$libname.la"; then
    found_la="$dir/$libname.la"
  fi
fi

if test "X$found_dir" = "X"; then
  for x in $LDFLAGS $LTLIB[NAME]; do
    AC_LIB_WITH_FINAL_PREFIX([eval x=`"$x"`])
    case "$x" in
    -L*)
      dir=`echo "X$x" | sed -e 's/^X-L//'`
      dnl First look for a shared library.

```

```

if test -n "$acl_shlibext"; then
if test -f "$dir/$libname$shrext"; then
    found_dir="$dir"
    found_so="$dir/$libname$shrext"
else
if test "$acl_library_names_spec" = '$libname$shrext$versuffix'; then
    ver=`(cd "$dir" && \
        for f in "$libname$shrext".*; do echo "$f"; done \
        | sed -e "s,^$libname$shrext\\|\\.,," \
        | sort -t '.' -n -r -k1,1 -k2,2 -k3,3 -k4,4 -k5,5 \
        | sed 1q) 2>/dev/null`
if test -n "$ver" && test -f "$dir/$libname$shrext.$ver"; then
    found_dir="$dir"
    found_so="$dir/$libname$shrext.$ver"
fi
else
eval library_names=\"$acl_library_names_spec\"
for f in $library_names; do
if test -f "$dir/$f"; then
    found_dir="$dir"
    found_so="$dir/$f"
    break
fi
done
fi
fi
fi
dnl Then look for a static library.
if test "X$found_dir" = "X"; then

if test -f "$dir/$libname.$acl_libext"; then
    found_dir="$dir"
    found_a="$dir/$libname.$acl_libext"
fi
fi
if test "X$found_dir" != "X"; then
if test -f "$dir/$libname.la"; then
    found_la="$dir/$libname.la"
fi
fi
;;
esac
if test "X$found_dir" != "X"; then
    break
fi
done
fi
if test "X$found_dir" != "X"; then

```

```

dnl Found the library.
LTLIB[]NAME="{LTLIB[]NAME}{LTLIB[]NAME:+ }-L$found_dir -l$name"
if test "X$found_so" != "X"; then
    dnl Linking with a shared library. We attempt to hardcode its
    dnl directory into the executable's runpath, unless it's the
    dnl standard /usr/lib.
    if test "$enable_rpath" = no \

|| test "X$found_dir" = "X/usr/$acl_libdirstem" \
    || test "X$found_dir" = "X/usr/$acl_libdirstem2"; then
    dnl No hardcoding is needed.
    LIB[]NAME="{LIB[]NAME}{LIB[]NAME:+ }$found_so"
else
    dnl Use an explicit option to hardcode DIR into the resulting
    dnl binary.
    dnl Potentially add DIR to ltrpathdirs.
    dnl The ltrpathdirs will be appended to $LTLIBNAME at the end.
    haveit=
    for x in $ltrpathdirs; do
        if test "X$x" = "X$found_dir"; then
            haveit=yes
            break
        fi
    done
    if test -z "$haveit"; then
        ltrpathdirs="$ltrpathdirs $found_dir"
    fi
    dnl The hardcoding into $LIBNAME is system dependent.
    if test "$acl_hardcode_direct" = yes; then
        dnl Using DIR/libNAME.so
during linking hardcodes DIR into the
        dnl resulting binary.
        LIB[]NAME="{LIB[]NAME}{LIB[]NAME:+ }$found_so"
    else
        if test -n "$acl_hardcode_libdir_flag_spec" && test "$acl_hardcode_minus_L" = no; then
            dnl Use an explicit option to hardcode DIR into the resulting
            dnl binary.
            LIB[]NAME="{LIB[]NAME}{LIB[]NAME:+ }$found_so"
            dnl Potentially add DIR to rpathdirs.
            dnl The rpathdirs will be appended to $LIBNAME at the end.
            haveit=
            for x in $rpathdirs; do
                if test "X$x" = "X$found_dir"; then
                    haveit=yes
                    break
                fi
            done
            if test -z "$haveit"; then

```



```

    rpathdirs="$rpathdirs $found_dir"
fi
else

dnl Rely on "-L$found_dir".
dnl But don't add it if it's already contained in the LDFLAGS
dnl or the already constructed $LIBNAME
haveit=
for x in $LDFLAGS $LIB[]NAME; do
    AC_LIB_WITH_FINAL_PREFIX([eval x=\ "$x"])
    if test "X$x" = "X-L$found_dir"; then
        haveit=yes
        break
    fi
done
if test -z "$haveit"; then
    LIB[]NAME="${LIB[]NAME}${LIB[]NAME:+ }-L$found_dir"
fi
if test "$acl_hardcode_minus_L" != no; then
    dnl FIXME: Not sure whether we should use
    dnl "-L$found_dir -l$name" or "-L$found_dir $found_so"
    dnl here.
    LIB[]NAME="${LIB[]NAME}${LIB[]NAME:+ }$found_so"
else

dnl We cannot use $acl_hardcode_runpath_var and LD_RUN_PATH
dnl here, because this doesn't fit in flags passed to the
dnl compiler. So give up. No hardcoding. This affects only
dnl very old systems.
dnl FIXME: Not sure whether we should use
dnl "-L$found_dir -l$name" or "-L$found_dir $found_so"
dnl here.
    LIB[]NAME="${LIB[]NAME}${LIB[]NAME:+ }-l$name"
fi
fi
fi
else
if test "X$found_a" != "X"; then
    dnl Linking with a static library.
    LIB[]NAME="${LIB[]NAME}${LIB[]NAME:+ }$found_a"
else
    dnl We shouldn't come here, but anyway it's good to have a
    dnl fallback.
    LIB[]NAME="${LIB[]NAME}${LIB[]NAME:+ }-L$found_dir -l$name"
fi
fi

```

```

dnl Assume the include files are nearby.
additional_includedir=
case "$found_dir" in
*/$acl_libdirstem | */$acl_libdirstem/)
basedir=`echo "X$found_dir" | sed -e 's,^X,,' -e "s,/$acl_libdirstem/"'*$,^`
if test "$name" = '$1'; then
LIB[]NAME[]_PREFIX="$basedir"
fi
additional_includedir="$basedir/include"
;;
*/$acl_libdirstem2 | */$acl_libdirstem2/)
basedir=`echo "X$found_dir" | sed -e 's,^X,,' -e "s,/$acl_libdirstem2/"'*$,^`
if test "$name" = '$1'; then
LIB[]NAME[]_PREFIX="$basedir"
fi
additional_includedir="$basedir/include"
;;
esac
if test "X$additional_includedir" != "X"; then
dnl Potentially add $additional_includedir to $INCNAME.
dnl But don't add it
dnl 1.
if it's the standard /usr/include,
dnl 2. if it's /usr/local/include and we are using GCC on Linux,
dnl 3. if it's already present in $CPPFLAGS or the already
dnl constructed $INCNAME,
dnl 4. if it doesn't exist as a directory.
if test "X$additional_includedir" != "X/usr/include"; then
haveit=
if test "X$additional_includedir" = "X/usr/local/include"; then
if test -n "$GCC"; then
case $host_os in
linux* | gnu* | k*bsd*-gnu) haveit=yes;;
esac
fi
fi
if test -z "$haveit"; then
for x in $CPPFLAGS $INC[]NAME; do
AC_LIB_WITH_FINAL_PREFIX([eval x=\"$x\"])
if test "X$x" = "X-$additional_includedir"; then
haveit=yes
break
fi
done
if test -z "$haveit"; then
if test -d "$additional_includedir"; then
dnl Really add $additional_includedir to $INCNAME.

```

```

        INC[]NAME="${INC[]NAME}${INC[]NAME:+ }-I$additional_includedir"
    fi
fi
fi
fi
fi
dnl Look for dependencies.
if test -n "$found_la"; then
    dnl Read the .la file. It defines the variables
    dnl dlname, library_names, old_library, dependency_libs, current,
    dnl age, revision, installed, dlopen, dlpreopen, libdir.
    save_libdir="$libdir"
    case "$found_la" in
        /* | *\*) . "$found_la" ;;
        *) . "$found_la" ;;
    esac
    libdir="$save_libdir"
    dnl We use only dependency_libs.
    for dep in $dependency_libs; do
        case "$dep" in
            -L*)
                additional_libdir=`echo "X$dep" | sed -e 's/^X-L//'`
                dnl Potentially add $additional_libdir to $LIBNAME and $LTLIBNAME.
                dnl But don't add it
                dnl 1. if it's the standard /usr/lib,
                dnl 2. if it's /usr/local/lib and we are using GCC on Linux,
                dnl 3. if it's already present in $LDFLAGS or the already
                dnl    constructed $LIBNAME,
                dnl 4. if it doesn't exist as a directory.
                if test "X$additional_libdir" != "X/usr/$acl_libdirstem" \
                    && test "X$additional_libdir" != "X/usr/$acl_libdirstem2"; then
                    haveit=
                    if test "X$additional_libdir" = "X/usr/local/$acl_libdirstem" \
                        || test "X$additional_libdir" = "X/usr/local/$acl_libdirstem2"; then
                        if test -n "$GCC"; then
                            case $host_os in
                                linux* | gnu* | k*bsd*-gnu) haveit=yes;;
                            esac
                        fi
                    fi
                    if test -z "$haveit"; then
                        haveit=
                        for x in $LDFLAGS $LIB[]NAME; do
                            AC_LIB_WITH_FINAL_PREFIX([eval x="`$x`"])
                            if test "X$x" = "X-L$additional_libdir"; then
                                haveit=yes
                                break
                            fi
                        done
                    fi
                fi
            esac
        done
    done
fi

```

```

    fi
done
if test -z "$haveit"; then
    if test -d "$additional_libdir"; then
        dnl Really add $additional_libdir to $LIBNAME.
        LIB[]NAME="{LIB[]NAME}{LIB[]NAME:+ }-L$additional_libdir"
    fi
fi
haveit=
for x in $LDFLAGS $LTLIB[]NAME;
do
    AC_LIB_WITH_FINAL_PREFIX([eval x="{x}"])
    if test "X$x" = "X-L$additional_libdir"; then
        haveit=yes
        break
    fi
done
if test -z "$haveit"; then
    if test -d "$additional_libdir"; then
        dnl Really add $additional_libdir to $LTLIBNAME.
        LTLIB[]NAME="{LTLIB[]NAME}{LTLIB[]NAME:+ }-L$additional_libdir"
    fi
fi
fi
fi
;;
-R*)
dir=`echo "X$dep" | sed -e 's/^X-R//`
if test "$enable_rpath" != no; then
    dnl Potentially add DIR to rpathdirs.
    dnl The rpathdirs will be appended to $LIBNAME at the end.

haveit=
for x in $rpathdirs; do
    if test "X$x" = "X$dir"; then
        haveit=yes
        break
    fi
done
if test -z "$haveit"; then
    rpathdirs="$rpathdirs $dir"
fi
dnl Potentially add DIR to ltrpathdirs.
dnl The ltrpathdirs will be appended to $LTLIBNAME at the end.
haveit=
for x in $ltrpathdirs; do
    if test "X$x" = "X$dir"; then
        haveit=yes

```

```

        break
    fi
done
if test -z "$haveit"; then
    ltrpathdirs="$ltrpathdirs $dir"
fi
fi
;;
-1*)
    dnl Handle this in the
next round.
    names_next_round="$names_next_round "`echo "X$dep" | sed -e 's/^X-1//'^
    ;;
*.la)
    dnl Handle this in the next round. Throw away the .la's
    dnl directory; it is already contained in a preceding -L
    dnl option.
    names_next_round="$names_next_round "`echo "X$dep" | sed -e 's,^X.*/,,' -e 's,^lib,, ' -e 's,\.la$,,'
    ;;
*)
    dnl Most likely an immediate library name.
    LIB[]NAME="{LIB[]NAME}${LIB[]NAME:+ }$dep"
    LTLIB[]NAME="{LTLIB[]NAME}${LTLIB[]NAME:+ }$dep"
    ;;
esac
done
fi
else
    dnl Didn't find the library; assume it is in the system directories
    dnl known to the linker and runtime loader. (All the system
    dnl directories known to the linker should
also be known to the
    dnl runtime loader, otherwise the system is severely misconfigured.)
    LIB[]NAME="{LIB[]NAME}${LIB[]NAME:+ }-l$name"
    LTLIB[]NAME="{LTLIB[]NAME}${LTLIB[]NAME:+ }-l$name"
fi
fi
fi
done
done
if test "X$rpathdirs" != "X"; then
    if test -n "$acl_hardcode_libdir_separator"; then
        dnl Weird platform: only the last -rpath option counts, the user must
        dnl pass all path elements in one option. We can arrange that for a
        dnl single library, but not when more than one $LIBNAMEs are used.
        alldirs=
        for found_dir in $rpathdirs; do
            alldirs="{alldirs}${alldirs:+$acl_hardcode_libdir_separator}$found_dir"

```

```

done
dnl Note: acl_hardcode_libdir_flag_spec uses $libdir and $wl.
acl_save_libdir="$libdir"
libdir="$alldirs"
eval flag="\$acl_hardcode_libdir_flag_spec"
libdir="$acl_save_libdir"
LIB[]NAME="\${LIB[]NAME}\${LIB[]NAME:+ }$flag"
else
  dnl The -rpath options are cumulative.
  for found_dir in $rpathdirs; do
    acl_save_libdir="$libdir"
    libdir="$found_dir"
    eval flag="\$acl_hardcode_libdir_flag_spec"
    libdir="$acl_save_libdir"
    LIB[]NAME="\${LIB[]NAME}\${LIB[]NAME:+ }$flag"
  done
fi
fi
if test "X$ltrpathdirs" != "X"; then
  dnl When using libtool, the option that works for both libraries and
  dnl executables is -R. The -R options are cumulative.
  for found_dir in $ltrpathdirs; do
    LTLIB[]NAME="\${LTLIB[]NAME}\${LTLIB[]NAME:+ }-R$found_dir"
  done
fi
popdef([P_A_C_K])
popdef([PACKLIBS])
popdef([PACKUP])
popdef([PACK])
popdef([NAME])
])

```

dnl AC_LIB_APPENDTOVAR(VAR, CONTENTS) appends the elements of CONTENTS to VAR,
dnl unless already present in VAR.

dnl Works only for CPPFLAGS, not for LIB* variables because that sometimes
dnl contains two or three consecutive elements that belong together.

```

AC_DEFUN([AC_LIB_APPENDTOVAR],
[
  for element in
  [$2]; do
    haveit=
    for x in $[1]; do
      AC_LIB_WITH_FINAL_PREFIX([eval x="\$x"])
      if test "X$x" = "X$element"; then
        haveit=yes
        break
      fi
    done
  done

```

```

if test -z "$haveit"; then
  [$1]="$${[$1]}${[$1]:+ }$element"
fi
done
)

```

dnl For those cases where a variable contains several -L and -l options

dnl referring to unknown libraries and directories, this macro determines the

dnl necessary additional linker options for the runtime path.

dnl AC_LIB_LINKFLAGS_FROM_LIBS([LDADDDVAR], [LIBSVALUE], [USE-LIBTOOL])

dnl sets LDADDDVAR to linker options needed together with LIBSVALUE.

dnl If USE-LIBTOOL evaluates to non-empty, linking with libtool is assumed,

dnl otherwise linking without libtool is assumed.

AC_DEFUN([AC_LIB_LINKFLAGS_FROM_LIBS],

[

AC_REQUIRE([AC_LIB_RPATH])

AC_REQUIRE([AC_LIB_PREPARE_MULTILIB])

\$1=

if test "\$enable_rpath" != no; then

if test -n "\$acl_hardcode_libdir_flag_spec" && test "\$acl_hardcode_minus_L" = no; then

dnl Use an explicit option to hardcode directories into the resulting

dnl binary.

rpathdirs=

next=

for opt in \$2; do

if test -n "\$next"; then

dir="\$next"

dnl No need to hardcode the standard /usr/lib.

if test "X\$dir" != "X/usr/\$acl_libdirstem" \

&& test "X\$dir" != "X/usr/\$acl_libdirstem2"; then

rpathdirs="\$rpathdirs \$dir"

fi

next=

else

case \$opt in

-L) next=yes ;;

-L*) dir=`echo "X\$opt" | sed -e 's,^X-L,,'`

dnl No need to hardcode the standard /usr/lib.

if test "X\$dir" != "X/usr/\$acl_libdirstem" \

&& test "X\$dir" != "X/usr/\$acl_libdirstem2"; then

rpathdirs="\$rpathdirs \$dir"

fi

next= ;;

*) next= ;;

esac

fi

done

```

if test "X$rpathdirs" != "X"; then
  if test -n ""$3""; then
    dnl libtool
is used for linking. Use -R options.
    for dir in $rpathdirs; do
      $1="${$1}${$1:+ }-R$dir"
    done
  else
    dnl The linker is used for linking directly.
    if test -n "$acl_hardcode_libdir_separator"; then
      dnl Weird platform: only the last -rpath option counts, the user
      dnl must pass all path elements in one option.
      alldirs=
      for dir in $rpathdirs; do
        alldirs="$alldirs+${acl_hardcode_libdir_separator}$dir"
      done
      acl_save_libdir="$libdir"
      libdir="$alldirs"
      eval flag="\$acl_hardcode_libdir_flag_spec\"
      libdir="\$acl_save_libdir"
      $1="$flag"
    else
      dnl The -rpath options are cumulative.
      for dir in $rpathdirs; do
        acl_save_libdir="$libdir"
        libdir="$dir"
        eval flag="\$acl_hardcode_libdir_flag_spec\"
        libdir="\$acl_save_libdir"
        $1="${$1}${$1:+ }$flag"
      done
    fi
  fi
fi
AC_SUBST([$1])
)

```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/m4/lib-link.m4

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

```

/*_#####
_##
_## config_snmp_pp.h.in
_##
_## SNMP++ v3.4
_## -----

```



```

_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
_## Copyright (c) 1996
_## Hewlett-Packard Company
_##
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_## "AS-IS" without warranty of any kind, either express or implied. User
_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/config_snmp_pp.h.in
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/config_snmp_pp.h

```

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

```

# =====
# https://www.gnu.org/software/autoconf-archive/ax\_cxx\_compile\_stdcxx.html
# =====

```

SYNOPSIS

```

# AX_CXX_COMPILE_STDCXX(VERSION, [ext|noext], [mandatory|optional])
#

```

DESCRIPTION

```

#
# Check for baseline language coverage in the compiler for the specified
# version of the C++ standard. If necessary, add switches to CXX and
# CXXCPP to enable support. VERSION may be '11' (for the C++11 standard)
# or '14' (for the C++14 standard).
#

```

```

# The second argument, if specified, indicates whether you insist on an
# extended mode (e.g. -std=gnu++11) or a strict conformance mode (e.g.
# -std=c++11). If neither is specified, you get whatever works, with
# preference for no added switch, and then for an extended mode.

```

```

#
# The third argument, if specified 'mandatory'
# or if left unspecified,
# indicates that baseline support for the specified C++ standard is
# required and that the macro should error out if no mode with that
# support is found. If specified 'optional', then configuration proceeds
# regardless, after defining HAVE_CXX${VERSION} if and only if a
# supporting mode is found.
#
# LICENSE
#
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# warranty.

#serial 12

dnl This macro is based on the code from the AX_CXX_COMPILE_STDCXX_11 macro
dnl (serial version number 13).

AC_DEFUN([AX_CXX_COMPILE_STDCXX], [dnl
  m4_if([$1], [11], [ax_cxx_compile_alternatives="11 0x"],
    [$1], [14], [ax_cxx_compile_alternatives="14 1y"],
    [$1], [17], [ax_cxx_compile_alternatives="17 1z"],
    [m4_fatal([invalid first argument `'$1' to AX_CXX_COMPILE_STDCXX])])dnl
  m4_if([$2], [], [],
    [$2], [ext], [],
    [$2], [noext], [],
    [m4_fatal([invalid second argument `'$2' to AX_CXX_COMPILE_STDCXX])])dnl
  m4_if([$3], [], [ax_cxx_compile_cxx$1_required=true],
    [$3], [mandatory], [ax_cxx_compile_cxx$1_required=true],
    [$3], [optional], [ax_cxx_compile_cxx$1_required=false],
    [m4_fatal([invalid third argument `'$3' to AX_CXX_COMPILE_STDCXX])])
AC_LANG_PUSH([C++])dnl
ac_success=no

```

```

m4_if([$2], [], [dnl
AC_CACHE_CHECK(whether $CXX supports C++$1 features by default,
ax_cv_cxx_compile_cxx$1,
[AC_COMPILE_IFELSE([AC_LANG_SOURCE([_AX_CXX_COMPILE_STDCXX_testbody_$1]),
[ax_cv_cxx_compile_cxx$1=yes],
[ax_cv_cxx_compile_cxx$1=no])])
if test x$ax_cv_cxx_compile_cxx$1 = xyes; then
ac_success=yes
fi)

```

```

m4_if([$2], [noext], [], [dnl
if test x$ac_success = xno; then
for alternative in ${ax_cxx_compile_alternatives}; do
switch="-std=gnu++${alternative}"
cachevar=AS_TR_SH([ax_cv_cxx_compile_cxx$1_$switch])
AC_CACHE_CHECK(whether $CXX supports C++$1 features with $switch,
$cachevar,
[ac_save_CXX="$CXX"
CXX="$CXX $switch"
AC_COMPILE_IFELSE([AC_LANG_SOURCE([_AX_CXX_COMPILE_STDCXX_testbody_$1]),
[eval $cachevar=yes],
[eval $cachevar=no])
CXX="$ac_save_CXX"])
if eval test x$cachevar = xyes; then
CXX="$CXX $switch"
if test -n "$CXXCPP" ; then
CXXCPP="$CXXCPP $switch"
fi
ac_success=yes
break
fi
done
fi)

```

```

m4_if([$2], [ext], [], [dnl
if test x$ac_success = xno; then
dnl HP's aCC needs +std=c++11 according to:
dnl http://h21007.www2.hp.com/portal/download/files/unprot/aCxx/PDF\_Release\_Notes/769149-001.pdf
dnl Cray's crayCC needs "-h std=c++11"
for alternative in ${ax_cxx_compile_alternatives}; do
for switch in -std=c++${alternative} +std=c++${alternative} "-h std=c++${alternative}"; do
cachevar=AS_TR_SH([ax_cv_cxx_compile_cxx$1_$switch])
AC_CACHE_CHECK(whether $CXX supports C++$1 features with $switch,
$cachevar,
[ac_save_CXX="$CXX"
CXX="$CXX $switch"
AC_COMPILE_IFELSE([AC_LANG_SOURCE([_AX_CXX_COMPILE_STDCXX_testbody_$1]),
[eval $cachevar=yes],

```

```

    [eval $cachevar=no])
    CXX="$ac_save_CXX")
if eval test x\$$cachevar = xyes; then
    CXX="$CXX $switch"
if test -n "$CXXCPP" ; then
    CXXCPP="$CXXCPP $switch"
fi
ac_success=yes
break
fi
done
if test x$ac_success = xyes; then
    break
fi
done
fi])
AC_LANG_POP([C++])
if test x$ax_cxx_compile_cxx$1_required = xtrue; then
    if test x$ac_success = xno; then
        AC_MSG_ERROR([*** A compiler with support for C++$1 language features is required.])
    fi
fi
if test x$ac_success = xno; then
    HAVE_CXX$1=0
    AC_MSG_NOTICE([No compiler with C++$1 support was found])
else
    HAVE_CXX$1=1
    AC_DEFINE(HAVE_CXX$1,1,
        [define if the compiler supports basic C++$1 syntax])
fi
AC_SUBST(HAVE_CXX$1)
])

```

dnl Test body for checking C++11 support

```

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_11],
    _AX_CXX_COMPILE_STDCXX_testbody_new_in_11
)

```

dnl Test body for checking C++14 support

```

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_14],
    _AX_CXX_COMPILE_STDCXX_testbody_new_in_11
    _AX_CXX_COMPILE_STDCXX_testbody_new_in_14
)

```

```

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_17],
  _AX_CXX_COMPILE_STDCXX_testbody_new_in_11
  _AX_CXX_COMPILE_STDCXX_testbody_new_in_14
  _AX_CXX_COMPILE_STDCXX_testbody_new_in_17
)

dnl Tests for new features in C++11

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_new_in_11], [[

// If the compiler admits that it is not ready for C++11, why torture it?
// Hopefully, this will speed up the test.

#ifdef __cplusplus

#error "This is not a C++ compiler"

#elif __cplusplus < 201103L

#error "This is not a C++11 compiler"

#else

namespace cxx11
{

namespace test_static_assert
{

template <typename T>
struct check
{
  static_assert(sizeof(int) <= sizeof(T), "not big enough");
};

}

namespace test_final_override
{

struct Base
{
  virtual ~Base() {}
  virtual void f() {}
};

struct Derived : public Base
{

```

```

    virtual ~Derived()
override { }
    virtual void f() override { }
};

}

namespace test_double_right_angle_brackets
{

    template < typename T >
    struct check { };

    typedef check<void> single_type;
    typedef check<check<void>> double_type;
    typedef check<check<check<void>>> triple_type;
    typedef check<check<check<check<void>>>> quadruple_type;

}

namespace test_decltype
{

    int
    f()
    {
        int a = 1;
        decltype(a) b = 2;
        return a + b;
    }

}

namespace test_type_deduction
{

    template < typename T1, typename T2 >
    struct is_same
    {
        static const bool value = false;
    };

    template < typename T >
    struct is_same<T, T>
    {
        static const bool value = true;
    };
};

```

```

template < typename T1, typename T2 >
auto
add(T1 a1, T2 a2) -> decltype(a1 + a2)
{
    return a1 + a2;
}

int
test(const int c, volatile int v)
{
    static_assert(is_same<int, decltype(0)>::value == true, "");

    static_assert(is_same<int, decltype(c)>::value == false, "");
    static_assert(is_same<int, decltype(v)>::value == false, "");
    auto ac = c;
    auto av = v;
    auto sumi = ac + av + 'x';
    auto sumf = ac + av + 1.0;
    static_assert(is_same<int, decltype(ac)>::value == true, "");
    static_assert(is_same<int, decltype(av)>::value == true, "");
    static_assert(is_same<int, decltype(sumi)>::value == true, "");
    static_assert(is_same<int, decltype(sumf)>::value == false, "");
    static_assert(is_same<int, decltype(add(c, v))>::value == true, "");
    return (sumf > 0.0) ? sumi : add(c, v);
}

}

namespace test_noexcept
{

    int f() { return 0; }
    int g() noexcept { return 0; }

    static_assert(noexcept(f()) == false, "");
    static_assert(noexcept(g()) == true, "");

}

namespace test_constexpr
{

    template < typename CharT >
    unsigned long constexpr
    strlen_c_r(const CharT *const s, const unsigned long acc) noexcept
    {
        return *s ? strlen_c_r(s + 1, acc + 1) : acc;
    }

}

```

```

template < typename CharT >
unsigned long constexpr
strlen_c(const CharT *const s) noexcept
{
    return strlen_c_r(s, 0UL);
}

static_assert(strlen_c("") == 0UL, "");
static_assert(strlen_c("1") == 1UL, "");
static_assert(strlen_c("example") == 7UL, "");
static_assert(strlen_c("another\0example") == 7UL, "");
}

```

```

namespace test_rvalue_references

```

```

{

    template < int N >
    struct answer
    {
        static constexpr int value = N;
    };

    answer<1> f(int&)    { return answer<1>(); }
    answer<2> f(const int&) { return answer<2>(); }
    answer<3> f(int&&)    { return answer<3>(); }

    void
    test()
    {
        int i = 0;
        const int c = 0;
        static_assert(decltype(f(i))::value == 1, "");
        static_assert(decltype(f(c))::value == 2, "");
        static_assert(decltype(f(0))::value == 3, "");
    }

}

```

```

namespace test_uniform_initialization

```

```

{

    struct
    test
    {
        static const int zero {};
        static const int one {1};
    }
}

```



```

};

static_assert(test::zero == 0, "");
static_assert(test::one == 1, "");

}

namespace test_lambdas
{

void
test1()
{
    auto lambda1 = [](){};
    auto lambda2 = lambda1;
    lambda1();
    lambda2();
}

int
test2()
{
    auto a = [](int i, int j){ return i + j; }(1, 2);
    auto b = []() -> int { return '0'; }();
    auto c = [=](){ return a + b; }();
    auto d = [&](){ return c; }();
    auto e = [a, &b](int x) mutable {
        const auto identity = [](int y){ return y; };
        for (auto i = 0; i < a; ++i)
            a += b--;
        return x + identity(a + b);
    }(0);
    return a + b + c + d + e;
}

int
test3()
{
    const auto nullary = [](){ return 0; };
    const auto unary = [](int x){ return x; };
    using nullary_t = decltype(nullary);
    using unary_t = decltype(unary);
    const auto higher1st
= [](nullary_t f){ return f(); };
    const auto higher2nd = [unary](nullary_t f1){
        return [unary, f1](unary_t f2){ return f2(unary(f1())); };
    };
    return higher1st(nullary) + higher2nd(nullary)(unary);
}

```

```

}

}

namespace test_variadic_templates
{

    template <int...>
    struct sum;

    template <int N0, int... N1toN>
    struct sum<N0, N1toN...>
    {
        static constexpr auto value = N0 + sum<N1toN...>::value;
    };

    template <>
    struct sum<>
    {
        static constexpr auto value = 0;
    };

    static_assert(sum<>::value == 0, "");
    static_assert(sum<1>::value == 1, "");
    static_assert(sum<23>::value == 23, "");
    static_assert(sum<1, 2>::value == 3, "");
    static_assert(sum<5, 5, 11>::value == 21, "");
    static_assert(sum<2, 3, 5, 7, 11, 13>::value == 41, "");

}

// http://stackoverflow.com/questions/13728184/template-aliases-and-sfinae
// Clang 3.1 fails with headers of libstd++ 4.8.3 when using std::function
//
because of this.
namespace test_template_alias_sfinae
{

    struct foo {};

    template<typename T>
    using member = typename T::member_type;

    template<typename T>
    void func(...) {}

    template<typename T>
    void func(member<T>*) {}
}

```

```

void test();

void test() { func<foo>(0); }

}

} // namespace cxx11

#endif // __cplusplus >= 201103L

]])

dnl Tests for new features in C++14

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_new_in_14], [[

// If the compiler admits that it is not ready for C++14, why torture it?
// Hopefully, this will speed up the test.

#ifndef __cplusplus

#error "This is not a C++ compiler"

#elif __cplusplus < 201402L

#error "This is not a C++14 compiler"

#else

namespace cxx14
{

namespace test_polymorphic_lambdas
{

int
test()
{
const auto lambda = [](auto&&... args){
const auto istiny = [](auto x){
return (sizeof(x) == 1UL) ? 1 : 0;
};
const int aretiny[] = { istiny(args)...
};
return aretiny[0];
};

```

```

    return lambda(1, 1L, 1.0f, '1');
}

}

namespace test_binary_literals
{

constexpr auto ivii = 0b0000000000101010;
static_assert(ivii == 42, "wrong value");

}

namespace test_generalized_constexpr
{

template < typename CharT >
constexpr unsigned long
strlen_c(const CharT *const s) noexcept
{
    auto length = 0UL;
    for (auto p = s; *p; ++p)
        ++length;
    return length;
}

static_assert(strlen_c("") == 0UL, "");
static_assert(strlen_c("x") == 1UL, "");
static_assert(strlen_c("test") == 4UL, "");
static_assert(strlen_c("another\0test") == 7UL, "");

}

namespace test_lambda_init_capture
{

int
test()
{
    auto x = 0;
    const auto lambda1 = [a = x](int b){ return a + b; };
    const auto lambda2 = [a = lambda1(x)](){ return a; };
    return lambda2();
}

}

namespace test_digit_separators

```

```

{

constexpr auto ten_million = 100'000'000;
static_assert(ten_million == 100000000, "");

}

namespace test_return_type_deduction
{

auto f(int& x) { return x; }
decltype(auto) g(int& x) { return x; }

template < typename T1, typename T2 >
struct is_same
{
    static constexpr auto value = false;
};

template < typename T >
struct is_same<T, T>
{
    static constexpr auto value = true;
};

int
test()
{
    auto x = 0;
    static_assert(is_same<int, decltype(f(x))>::value, "");
    static_assert(is_same<int&, decltype(g(x))>::value, "");
    return x;
}

}

} // namespace cxx14

#endif // __cplusplus >= 201402L

))

dnl Tests for new features in C++17

m4_define([_AX_CXX_COMPILE_STDCXX_testbody_new_in_17], [[

// If the compiler admits that it is not ready for C++17, why torture it?

```

```
// Hopefully, this will speed up the test.

#ifndef __cplusplus

#error "This is not a C++ compiler"

#elif __cplusplus < 201703L

#error "This is not a C++17
compiler"

#else

#include <initializer_list>
#include <utility>
#include <type_traits>

namespace cxx17
{

namespace test_constexpr_lambdas
{

constexpr int foo = [](){return 42;}();

}

namespace test::nested_namespace::definitions
{

}

namespace test_fold_expression
{

template<typename... Args>
int multiply(Args... args)
{
return (args * ... * 1);
}

template<typename... Args>
bool all(Args... args)
{
return (args && ...);
}

}

}
```

```

namespace test_extended_static_assert
{

    static_assert (true);

}

namespace test_auto_brace_init_list
{

    auto foo = {5};
    auto bar {5};

    static_assert(std::is_same<std::initializer_list<int>, decltype(foo)>::value);
    static_assert(std::is_same<int, decltype(bar)>::value);
}

namespace test_typename_in_template_template_parameter
{

    template<template<typename> typename X> struct D;

}

namespace test_fallthrough_nodiscard_maybe_unused_attributes
{

    int f1()
    {
        return 42;
    }

    [[nodiscard]] int f2()
    {
        [[maybe_unused]] auto unused = f1();

        switch (f1())
        {
            case 17:
                f1();
                [[fallthrough]];
            case 42:
                f1();
        }
        return f1();
    }
}

```

```

}

namespace test_extended_aggregate_initialization
{

    struct base1
    {
        int b1, b2 = 42;
    };

    struct base2
    {
        base2() {
            b3 = 42;
        }
        int b3;
    };

    struct derived : base1, base2
    {
        int d;
    };

    derived d1 {{1, 2}, {}, 4}; // full initialization
    derived d2 {{}, {}, 4};    // value-initialized bases

}

namespace test_general_range_based_for_loop
{

    struct iter
    {
        int i;

        int& operator* ()
        {
            return i;
        }

        const int& operator* () const
        {
            return i;
        }

        iter& operator++()
        {
            ++i;
        }
    };
}

```



```

    return *this;
}
};

struct sentinel
{
    int i;
};

bool operator==(const iter& i, const sentinel& s)
{
    return i.i == s.i;
}

bool operator!=(const iter& i, const sentinel& s)
{
    return !(i == s);
}

struct range
{
    iter begin() const
    {
        return {0};
    }

    sentinel end() const
    {
        return {5};
    }
};

void f()
{
    range r {};

    for (auto i : r)
    {
        [[maybe_unused]] auto v = i;
    }
}

namespace test_lambda_capture_asterisk_this_by_value
{
    struct t

```

```

{
  int i;
  int foo()
  {
    return [*this]()
    {
      return i;
    }();
  }
};

}

namespace test_enum_class_construction
{

  enum class byte : unsigned char
  {};

  byte foo {42};

}

namespace test_constexpr_if
{

  template <bool cond>
  int f ()
  {
    if constexpr(cond)
    {
      return 13;
    }
    else
    {
      return 42;
    }
  }

}

namespace
test_selection_statement_with_initializer
{

  int f()
  {
    return 13;
  }
}

```

```

}

int f2()
{
    if (auto i = f(); i > 0)
    {
        return 3;
    }

    switch (auto i = f(); i + 4)
    {
    case 17:
        return 2;

    default:
        return 1;
    }
}

}

namespace test_template_argument_deduction_for_class_templates
{

template <typename T1, typename T2>
struct pair
{
    pair (T1 p1, T2 p2)
        : m1 {p1},
          m2 {p2}
    {}

    T1 m1;
    T2 m2;
};

void f()
{
    [[maybe_unused]] auto p = pair{ 13, 42u};
}

}

namespace test_non_type_auto_template_parameters
{

template <auto n>
struct B

```

```

};

B<5> b1;
B<'a'> b2;

}

namespace test_structured_bindings
{

int arr[2] = { 1, 2 };
std::pair<int, int> pr = { 1, 2 };

auto f1() -> int(&)[2]
{
    return arr;
}

auto f2() -> std::pair<int, int>&
{
    return pr;
}

struct
S
{
    int x1 : 2;
    volatile double y1;
};

S f3()
{
    return {};
}

auto [ x1, y1 ] = f1();
auto& [ xr1, yr1 ] = f1();
auto [ x2, y2 ] = f2();
auto& [ xr2, yr2 ] = f2();
const auto [ x3, y3 ] = f3();

}

namespace test_exception_spec_type_system
{

struct Good {};
struct Bad {};

```

```

void g1() noexcept;
void g2();

template<typename T>
Bad
f(T*, T*);

template<typename T1, typename T2>
Good
f(T1*, T2*);

static_assert (std::is_same_v<Good, decltype(f(g1, g2))>);

}

namespace test_inline_variables
{

template<class T> void f(T)
{}

template<class T> inline T g(T)
{
return T{};
}

template<> inline void f<>(int)
{}

template<> int g<>(int)
{
return 5;
}

}

} // namespace cxx17

#endif // __cplusplus < 201703L

]])

```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/ax_cxx_compile_stdcxx.m4

```

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

```
/*_#####  
_##  
_## auth_priv.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
_##  
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_## Hewlett-Packard Company  
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_#####*/
```

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* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/auth_priv.cpp
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```
/*_#####  
_##  
_## snmpmsg.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
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_##
_#####*/
```

Found in path(s):

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```
/*_#####*/
_##
_## snmperrs.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/snmperrs.h

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```
/*_#####  
_##  
_## snmpSet.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
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_## hereby grants a royalty-free license to any and all derivatives based  
_## upon this software code base.  
_##  
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-  
3.5.2/consoleExamples/snmpSet.cpp
```

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```

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Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.dunix  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.hpux11  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.aix5  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-  
3.5.2/consoleExamples/common.mk  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.bcc  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.linux  
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/common.mk
```



```
*
/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/Makefile.bcc
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.gcc_solaris
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/Makefile.solaris
No license file was found, but licenses were detected in source scan.
```

```
/* #####
_##
_## smi.h
_##
_## SNMP++ v3.4
_## -----
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#####*/
```

```
Found in path(s):
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/smi.h
No license file was found, but licenses were detected in source scan.
```

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_header_std_cxx_98.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HEADER_STDCXX_98
#
# DESCRIPTION
```

```

#
# Check for complete library coverage of the C++1998/2003 standard.
#
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#
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AU_ALIAS([AC_CXX_HEADER_STDCXX_98], [AX_CXX_HEADER_STDCXX_98])
AC_DEFUN([AX_CXX_HEADER_STDCXX_98], [
AC_CACHE_CHECK(for ISO C++ 98 include files,
ax_cv_cxx_stdexx_98,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([
#include <cassert>
#include <cctype>
#include <cerrno>
#include <cfloat>
#include <ciso646>
#include <climits>
#include <locale>
#include <cmath>
#include <csetjmp>
#include <csignal>
#include <cstdarg>
#include <cstddef>
#include <cstdio>
#include <cstdlib>
#include <cstring>
#include <ctime>

#include <algorithm>
#include <bitset>
#include <complex>
#include <deque>
#include <exception>
#include <fstream>
#include <functional>
#include <iomanip>
#include <ios>
#include <iosfwd>

```

```

#include <iostream>
#include <istream>
#include <iterator>
#include <limits>
#include <list>
#include <locale>
#include <map>
#include <memory>
#include <new>
#include <numeric>
#include <ostream>
#include <queue>
#include <set>
#include <sstream>
#include <stack>
#include <stdexcept>
#include <streambuf>
#include <string>
#include <typeinfo>

#include <utility>
#include <valarray>
#include <vector>
],,
ax_cv_cxx_stdcxx_98=yes, ax_cv_cxx_stdcxx_98=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_stdcxx_98" = yes; then
  AC_DEFINE(STDCXX_98_HEADERS,,[Define if ISO C++ 1998 header files are present. ])
fi
])

Found in path(s):
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/acx_cxx_header_stdcxx_98.m4
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/* #####
_##
_## snmpWalk.cpp
_##
_## SNMP++ v3.4
_## -----
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```

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_#####*/

```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/consoleExamples/snmpWalk.cpp

```

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```

/*_#####
_##
_## snmpPasswd.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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_##

```

#####*/

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/consoleExamples/snmpPasswd.cpp

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```
# =====  
# http://www.gnu.org/software/autoconf-archive/ax_cxx_have_stl.html  
# =====
```

#

SYNOPSIS

#

AX_CXX_HAVE_STL

#

DESCRIPTION

#

If the compiler supports the Standard Template Library, define HAVE_STL.

#

LICENSE

#

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```
AU_ALIAS([AC_CXX_HAVE_STL], [AX_CXX_HAVE_STL])  
AC_DEFUN([AX_CXX_HAVE_STL],  
[AC_CACHE_CHECK(whether the compiler supports Standard Template Library,  
ax_cv_cxx_have_stl,  
[AC_REQUIRE([AX_CXX_NAMESPACES])  
AC_LANG_SAVE  
AC_LANG_CPLUSPLUS  
AC_TRY_COMPILE([#include <list>  
#include <deque>  
#ifdef HAVE_NAMESPACES  
using namespace std;  
#endif],[list<int> x; x.push_back(5);  
list<int>::iterator iter = x.begin(); if (iter != x.end()) ++iter; return 0;],  
ax_cv_cxx_have_stl=yes, ax_cv_cxx_have_stl=no)  
AC_LANG_RESTORE  
])  
if test "$ax_cv_cxx_have_stl" = yes; then
```

```
AC_DEFINE(HAVE_STL,,[define if the compiler supports Standard Template Library])
```

```
fi
```

```
)
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/m4/acx_cxx_have_stl.m4

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```

/*_#####
_##
_## cmake_libsnmp.h.in
_##
_## SNMP++ v3.4
_## -----
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```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/cmake_libsnmp.h.in

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```

/*_#####
_##
_## snmp_pp.h
_##
_## SNMP++ v3.4
_## -----
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_##

```

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Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/snmp_pp.h

```

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```

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_##
_## vb.cpp
_##
_## SNMP++ v3.4
_## -----
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```
/*_#####
_##
_## notifyqueue.cpp
_##
_## SNMP++ v3.4
_## -----
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```
/*_#####
_##
_## oid.h
_##
_## SNMP++ v3.4
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```



```
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```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/oid.h

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```
/*_#####
_##
_## asn1.h
_##
_## SNMP++ v3.4
_## -----
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```

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```
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_##
_## eventlist.h
_##
_## SNMP++ v3.4
_## -----
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_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/eventlist.h
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```
/*_#####
_##
_## oid.cpp
_##
_## SNMP++ v3.4
_## -----
```

```

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```

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```

# =====
# http://www.gnu.org/software/autoconf-archive/ax\_cxx\_namespaces.html
# =====
#
# SYNOPSIS
#
# AX_CXX_NAMESPACES
#
# DESCRIPTION
#
# If the compiler can prevent names clashes using namespaces, define
# HAVE_NAMESPACES.
#
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```
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AC_DEFUN([AX_CXX_NAMESPACES],
[AC_CACHE_CHECK(whether the compiler implements namespaces,
ax_cv_cxx_namespaces,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([namespace Outer { namespace Inner { int i = 0; } }],
[using namespace Outer::Inner; return i;],
ax_cv_cxx_namespaces=yes, ax_cv_cxx_namespaces=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_namespaces" = yes; then
AC_DEFINE(HAVE_NAMESPACES,,[define if the compiler implements namespaces])
fi
])
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/acx_cxx_namespaces.m4
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```
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_## snmpWalkThreads.cpp
_##
_## SNMP++ v3.4
_## -----
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_##
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Found in path(s):

```
*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/snmpWalkThreads.cpp
```

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```
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_## v3.h
_##
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```
*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/v3.h
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```
/*_#####
_##
_## idea.cpp
_##
_## SNMP++ v3.4
_## -----
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/*
```

idea.c

Author: Tatu Ylonen <ylo@cs.hut.fi>

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Created: Sun Jun 25 02:59:39 1995 ylo

This code is based on Xuejia Lai: On the Design and Security of Block
Ciphers, ETH Series in Information Processing, vol. 1, Hartung-Gorre
Verlag, Konstanz, Switzerland, 1992. Another source was Bruce
Schneier: Applied Cryptography, John Wiley & Sons, 1994.

The IDEA mathematical formula may be covered by one or more of the
following patents: PCT/CH91/00117, EP 0 482 154 B1, US Pat. 5,214,703.

*/

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/idea.cpp

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```
/* _#####
_##
_## IPv6Utility.cpp
```

```

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_## -----
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*/

Found in path(s):
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/IPv6Utility.cpp
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/*_#####
_##

```

```

_## ctr64.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/ctr64.cpp

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```

/*_#####
_##
_## mp_v3.cpp
_##
_## SNMP++ v3.4
_## -----
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_##
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```



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_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/mp_v3.cpp
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
_## userdefined.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
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_##
_#####*/
```

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

```
/*_#####
_##
```

```

_## usertimeout.h
_##
_## SNMP++ v3.4
_## -----
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```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/usertimeout.h

```

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```

/*_#####
_##
_## counter.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/counter.h
```

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```
/*_#####
_##
_## octet.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/octet.h
```

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

```
/*_#####  
_##  
_## integer.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
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_#####*/
```

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* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/integer.cpp

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```
/*_#####  
_##  
_## target.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
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_#####*/
```

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* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/target.cpp

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```
/*_#####
_##
_## eventlistholder.h
_##
_## SNMP++ v3.4
_## -----
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/eventlistholder.h

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```
# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_templates.html
# =====
#
# SYNOPSIS
#
# AX_CXX_TEMPLATES
#
# DESCRIPTION
#
# If the compiler supports basic templates, define HAVE_TEMPLATES.
#
# LICENSE
#
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# Copyright (c) 2008 Luc Maisonobe <luc@spaceroots.org>
#
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# warranty.

#serial 6

AU_ALIAS([AC_CXX_TEMPLATES], [AX_CXX_TEMPLATES])
AC_DEFUN([AX_CXX_TEMPLATES],
[AC_CACHE_CHECK(whether the compiler supports basic templates,
ax_cv_cxx_templates,
[AC_LANG_SAVE
AC_LANG_CPLUSPLUS
AC_TRY_COMPILE([template<class
T> class A {public:A(){}};
template<class T> void f(const A<T>& ){}],[
A<double> d; A<int> i; f(d); f(i); return 0;],
ax_cv_cxx_templates=yes, ax_cv_cxx_templates=no)
AC_LANG_RESTORE
])
if test "$ax_cv_cxx_templates" = yes; then
AC_DEFINE(HAVE_TEMPLATES,,[define if the compiler supports basic templates])
fi
])

Found in path(s):
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/m4/acx_cxx_templates.m4
```

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```
/*_#####  
_##  
_## gauge.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
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_##  
_#####*/
```

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* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/gauge.cpp

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```
/*_#####  
_##  
_## gauge.h  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
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```

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```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/include/snmp_pp/gauge.h
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```

lib-ld.m4 serial 6

```

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dnl with or without modifications, as long as this notice is preserved.

```

```

dnl Subroutines of libtool.m4,
dnl with replacements s/*_LT_PATH/AC_LIB_PROG/ and s/lt_/acl_/ to avoid
dnl collision with libtool.m4.

```

```

dnl From libtool-2.4. Sets the variable with_gnu_ld to yes or no.
AC_DEFUN([AC_LIB_PROG_LD_GNU],
[AC_CACHE_CHECK([if the linker ($LD) is GNU ld], [acl_cv_prog_gnu_ld],
[# I'd rather use --version here, but apparently some GNU lds only accept -v.
case ` $LD -v 2>&1 </dev/null` in
*GNU* | *with BFD*)
acl_cv_prog_gnu_ld=yes
;;
*)
acl_cv_prog_gnu_ld=no
;;
esac])
with_gnu_ld=$acl_cv_prog_gnu_ld
])

```

```

dnl From libtool-2.4. Sets the variable LD.
AC_DEFUN([AC_LIB_PROG_LD],
[AC_REQUIRE([AC_PROG_CC])dnl
AC_REQUIRE([AC_CANONICAL_HOST])dnl

```



```

;;
esac
elif test "$with_gnu_ld" = yes; then
  AC_MSG_CHECKING([for GNU ld])
else
  AC_MSG_CHECKING([for non-GNU ld])
fi
AC_CACHE_VAL([acl_cv_path_LD],
[if test -z "$LD"; then
  acl_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
  for ac_dir in $PATH; do
    IFS="$acl_save_ifs"
    test -z "$ac_dir" && ac_dir=.
    if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
      acl_cv_path_LD="$ac_dir/$ac_prog"
      # Check to see if the program is GNU ld. I'd rather use --version,
      # but apparently some variants of GNU ld only accept -v.
      # Break only if it was the GNU/non-GNU ld that we prefer.
      case `"$acl_cv_path_LD" -v 2>&1 </dev/null` in
        *GNU* | *with BFD*)
          test "$with_gnu_ld" != no && break
          ;;
        *)
          test "$with_gnu_ld" != yes && break
          ;;
      esac
    fi
  done
  IFS="$acl_save_ifs"
else
  acl_cv_path_LD="$LD" # Let the user override the test with a path.
fi])
LD="$acl_cv_path_LD"
if test -n "$LD"; then
  AC_MSG_RESULT([$LD])
else
  AC_MSG_RESULT([no])
fi
test -z "$LD" && AC_MSG_ERROR([no acceptable ld found in \$PATH])
AC_LIB_PROG_LD_GNU
])

```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/m4/lib-ld.m4

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```

/*_#####
_##

```

```

_## log.cpp
_##
_## SNMP++ v3.4
_## -----
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_##
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```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/log.cpp

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```

/*_#####
_##
_## vb.h
_##
_## SNMP++ v3.4
_## -----
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Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/include/snmp_pp/vb.h
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```
/*_#####
_##
_## usm_v3.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
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```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/usm_v3.h
No license file was found, but licenses were detected in source scan.

```
/*_#####
```

```

_##
_## msgqueue.h
_##
_## SNMP++ v3.4
_## -----
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```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/msgqueue.h

```

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```

/*_#####
_##
_## snmpBulk.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
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```

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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/snmpBulk.cpp
```

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```
/*_#####
_##
_## asn1.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_## hereby grants a royalty-free license to any and all derivatives based
_## upon this software code base.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/asn1.cpp
```

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

```
# lib-prefix.m4 serial 7 (gettext-0.18)
dnl Copyright (C) 2001-2005, 2008-2012 Free Software Foundation, Inc.
dnl This file is free software; the Free Software Foundation
dnl gives unlimited permission to copy and/or distribute it,
dnl with or without modifications, as long as this notice is preserved.
```

```
dnl From Bruno Haible.
```

```
dnl AC_LIB_ARG_WITH is synonymous to AC_ARG_WITH in autoconf-2.13, and
dnl similar to AC_ARG_WITH in autoconf 2.52...2.57 except that it doesn't
dnl require excessive bracketing.
```

```
ifdef([AC_HELP_STRING],
[AC_DEFUN([AC_LIB_ARG_WITH], [AC_ARG_WITH([$1],[[$2]],[$3],[[$4]])]),
[AC_DEFUN([AC_]([LIB_ARG_WITH], [AC_ARG_WITH([$1],[[$2]],[$3],[[$4]])])])
```

```
dnl AC_LIB_PREFIX adds to the CPPFLAGS and LDFLAGS the flags that are needed
dnl to access previously installed libraries. The basic assumption is that
dnl a user will want packages to use other packages he previously installed
dnl with the same --prefix option.
```

```
dnl
```

```
This macro is not needed if only AC_LIB_LINKFLAGS is used to locate
dnl libraries, but is otherwise very convenient.
```

```
AC_DEFUN([AC_LIB_PREFIX],
[
AC_BEFORE([$0], [AC_LIB_LINKFLAGS])
AC_REQUIRE([AC_PROG_CC])
AC_REQUIRE([AC_CANONICAL_HOST])
AC_REQUIRE([AC_LIB_PREPARE_MULTILIB])
AC_REQUIRE([AC_LIB_PREPARE_PREFIX])
```

```
dnl By default, look in $includedir and $libdir.
```

```
use_additional=yes
```

```
AC_LIB_WITH_FINAL_PREFIX([
eval additional_includedir="\${includedir}"
eval additional_libdir="\${libdir}"
])
```

```
AC_LIB_ARG_WITH([lib-prefix],
```

```
[ --with-lib-prefix[=DIR] search for libraries in DIR/include and DIR/lib
--without-lib-prefix don't search for libraries in includedir and libdir],
```

```
[
```

```
if test "X$withval" = "Xno"; then
```

```
use_additional=no
```

```
else
```

```
if test "X$withval" = "X"; then
```

```
AC_LIB_WITH_FINAL_PREFIX([
eval additional_includedir="\${includedir}"
eval additional_libdir="\${libdir}"
```

```

    )
else
    additional_includedir="$withval/include"
    additional_libdir="$withval/$acl_libdirstem"
fi
fi
)
if test $use_additional = yes; then
    dnl Potentially add $additional_includedir to $CPPFLAGS.
    dnl But don't add it
    dnl 1. if it's the standard /usr/include,
    dnl 2. if it's already present in $CPPFLAGS,
    dnl 3. if it's /usr/local/include and we are using GCC on Linux,
    dnl 4. if it doesn't exist as a directory.
    if test "X$additional_includedir" != "X/usr/include"; then
        haveit=
        for x in $CPPFLAGS; do
            AC_LIB_WITH_FINAL_PREFIX([eval x=\ "$x"])
            if test "X$x" = "X-$additional_includedir"; then
                haveit=yes
                break
            fi
        done
        if test -z "$haveit"; then
            if test "X$additional_includedir" = "X/usr/local/include"; then
                if test -n "$GCC"; then
                    case $host_os in
                        linux* | gnu* | k*bsd*-gnu) haveit=yes;;
                    esac
                fi
            fi
            if test -z "$haveit";
        then
            if test -d "$additional_includedir"; then
                dnl Really add $additional_includedir to $CPPFLAGS.
                CPPFLAGS="${CPPFLAGS}${CPPFLAGS:+ }-$additional_includedir"
            fi
        fi
        fi
    fi
    dnl Potentially add $additional_libdir to $LD_FLAGS.
    dnl But don't add it
    dnl 1. if it's the standard /usr/lib,
    dnl 2. if it's already present in $LD_FLAGS,
    dnl 3. if it's /usr/local/lib and we are using GCC on Linux,
    dnl 4. if it doesn't exist as a directory.
    if test "X$additional_libdir" != "X/usr/$acl_libdirstem"; then
        haveit=

```



```

for x in $LD_FLAGS; do
  AC_LIB_WITH_FINAL_PREFIX([eval x=\ "$x\"])
  if test "X$x" = "X-L$additional_libdir"; then
    haveit=yes
    break
  fi
done
if test -z "$haveit"; then
  if test "X$additional_libdir" = "X/usr/local/$acl_libdirstem"; then
    if test -n "$GCC"; then
      case $host_os in
        linux*) haveit=yes;;
      esac
    fi
  fi
  if test -z "$haveit"; then
    if test -d "$additional_libdir"; then
      dnl Really add $additional_libdir to $LD_FLAGS.
      LD_FLAGS="{LD_FLAGS}{LD_FLAGS:+ }-L$additional_libdir"
    fi
  fi
fi
)

```

dnl AC_LIB_PREPARE_PREFIX creates variables `acl_final_prefix`,
dnl `acl_final_exec_prefix`, containing the values to which `$prefix` and
dnl `$exec_prefix` will expand at the end of the configure script.

```

AC_DEFUN([AC_LIB_PREPARE_PREFIX],
[
  dnl Unfortunately, prefix and exec_prefix get only finally determined
  dnl at the end of configure.
  if test "X$prefix" = "XNONE"; then
    acl_final_prefix="$ac_default_prefix"
  else
    acl_final_prefix="$prefix"
  fi
  if test "X$exec_prefix" = "XNONE"; then
    acl_final_exec_prefix='${prefix}'
  else
    acl_final_exec_prefix="$exec_prefix"
  fi
  acl_save_prefix="$prefix"
  prefix="$acl_final_prefix"
  eval acl_final_exec_prefix=\ "$acl_final_exec_prefix\ "
  prefix="$acl_save_prefix"
])

```

dnl AC_LIB_WITH_FINAL_PREFIX([statement]) evaluates statement, with the
dnl variables prefix and exec_prefix bound to the values they will have
dnl at the end of the configure script.

```
AC_DEFUN([AC_LIB_WITH_FINAL_PREFIX],  
[  
  acl_save_prefix="$prefix"  
  prefix="$acl_final_prefix"  
  acl_save_exec_prefix="$exec_prefix"  
  exec_prefix="$acl_final_exec_prefix"  
  $1  
  exec_prefix="$acl_save_exec_prefix"  
  prefix="$acl_save_prefix"  
])
```

dnl AC_LIB_PREPARE_MULTILIB creates
dnl - a variable acl_libdirstem, containing the basename of the libdir, either
dnl "lib" or "lib64" or "lib/64",
dnl - a variable acl_libdirstem2, as a secondary possible value for
dnl acl_libdirstem, either the same as acl_libdirstem or "lib/sparcv9" or
dnl "lib/amd64".

```
AC_DEFUN([AC_LIB_PREPARE_MULTILIB],  
[  
  dnl There is no formal standard regarding lib and lib64.  
  dnl On glibc systems, the current practice is that on a system supporting  
  dnl 32-bit and 64-bit instruction sets  
  dnl or ABIs, 64-bit libraries go under  
  dnl $prefix/lib64 and 32-bit libraries go under $prefix/lib. We determine  
  dnl the compiler's default mode by looking at the compiler's library search  
  dnl path. If at least one of its elements ends in /lib64 or points to a  
  dnl directory whose absolute pathname ends in /lib64, we assume a 64-bit ABI.  
  dnl Otherwise we use the default, namely "lib".  
  dnl On Solaris systems, the current practice is that on a system supporting  
  dnl 32-bit and 64-bit instruction sets or ABIs, 64-bit libraries go under  
  dnl $prefix/lib/64 (which is a symlink to either $prefix/lib/sparcv9 or  
  dnl $prefix/lib/amd64) and 32-bit libraries go under $prefix/lib.
```

```
AC_REQUIRE([AC_CANONICAL_HOST])  
acl_libdirstem=lib  
acl_libdirstem2=  
case "$host_os" in  
  solaris*)
```

dnl See Solaris 10 Software Developer Collection > Solaris 64-bit Developer's Guide > The Development
Environment

dnl <<http://docs.sun.com/app/docs/doc/816-5138/dev-env?l=en&a=view>>.

dnl "Portable Makefiles should refer to any library directories using the 64 symbolic link."

dnl But we want to recognize the sparcv9 or amd64 subdirectory also if the

dnl symlink is missing, so we set acl_libdirstem2 too.

```

AC_CACHE_CHECK([for 64-bit host], [gl_cv_solaris_64bit],
[AC_EGREP_CPP([sixtyfour bits], [
#ifdef _LP64
sixtyfour bits
#endif
], [gl_cv_solaris_64bit=yes], [gl_cv_solaris_64bit=no])
])
if test $gl_cv_solaris_64bit = yes; then
acl_libdirstem=lib/64
case "$host_cpu" in
sparc*)    acl_libdirstem2=lib/sparcv9 ;;
i*86 | x86_64) acl_libdirstem2=lib/amd64 ;;
esac
fi
;;
*)
searchpath=`(LC_ALL=C $CC -print-search-dirs) 2>/dev/null | sed -n -e 's,^libraries: ,,p' | sed -e 's,^=,,'`
if test -n "$searchpath"; then
acl_save_IFS="${IFS= }"; IFS=":"
for searchdir in $searchpath; do
if test -d "$searchdir"; then
case
"$searchdir" in
*/lib64/ | */lib64 ) acl_libdirstem=lib64 ;;
*/./ | */..)
# Better ignore directories of this form. They are misleading.
;;
*) searchdir=`cd "$searchdir" && pwd`
case "$searchdir" in
*/lib64 ) acl_libdirstem=lib64 ;;
esac ;;
esac
fi
done
IFS="$acl_save_IFS"
fi
;;
esac
test -n "$acl_libdirstem2" || acl_libdirstem2="$acl_libdirstem"
])

```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/m4/lib-prefix.m4
```

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

```

/* #####
_##
_## address.h

```

```

_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
_##
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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/include/snmp_pp/address.h

```

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

```

/*_#####
_##
_## timetick.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/timetick.cpp
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
_## pdu.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-3.5.2/src/pdu.cpp
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
```

```

_## snmpGet.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/

```

Found in path(s):

```

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-
3.5.2/consoleExamples/snmpGet.cpp

```

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

```

# =====
# http://www.gnu.org/software/autoconf-archive/ax_cxx_header_std_cxx_tr1.html
# =====
#
# SYNOPSIS
#
# AX_CXX_HEADER_STDCXX_TR1
#
# DESCRIPTION
#
# Check for library coverage of the TR1 standard.
#
# LICENSE
#
# Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>
#
# Copying and distribution of this file, with or without modification, are

```

```
# permitted in any medium without royalty provided the copyright notice
# and this notice are preserved. This file is offered as-is, without any
# warranty.
```

```
#serial 6
```

```
AU_ALIAS([AC_CXX_HEADER_STDCXX_TR1], [AX_CXX_HEADER_STDCXX_TR1])
AC_DEFUN([AX_CXX_HEADER_STDCXX_TR1], [
  AC_CACHE_CHECK(for ISO C++ TR1 include files,
    ax_cv_cxx_stdexx_tr1,
    [AC_LANG_SAVE
     AC_LANG_CPLUSPLUS
     AC_TRY_COMPILE([
#include <tr1/array>
#include <tr1/ccomplex>
#include <tr1/cctype>
#include <tr1/cfenv>
#include <tr1/cfloat>
#include <tr1/cinttypes>
#include <tr1/climits>
#include <tr1/cmath>
#include <tr1/complex>
#include <tr1/cstdarg>
#include <tr1/cstdbool>
#include <tr1/cstdint>
#include <tr1/cstdio>
#include <tr1/cstdlib>
#include <tr1/ctgmath>
#include <tr1/ctime>
#include <tr1/cwchar>
#include <tr1/cwctype>
#include <tr1/functional>
#include <tr1/memory>
#include <tr1/random>
#include <tr1/regex>
#include <tr1/tuple>
#include <tr1/type_traits>
#include <tr1/unordered_set>
#include <tr1/unordered_map>
#include <tr1/utility>
],,
ax_cv_cxx_stdexx_tr1=yes, ax_cv_cxx_stdexx_tr1=no)
  AC_LANG_RESTORE
])
if test "$ax_cv_cxx_stdexx_tr1" = yes; then
  AC_DEFINE(STDCXX_TR1_HEADERS,,[Define if ISO C++ TR1 header files are present. ])
fi
])
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/m4/acx_cxx_header_stdcxx_tr1.m4

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```
/*_#####  
_##  
_## eventlist.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
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_##  
_#####*/
```

Found in path(s):

* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp++-3.5.2/src/eventlist.cpp

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

```
/*_#####  
_##  
_## snmpInform.cpp  
_##  
_## SNMP++ v3.4  
_## -----  
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock  
_##  
_## This software is based on SNMP++2.6 from Hewlett Packard:  
_##
```



```

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_##
_#####*/

```

Found in path(s):

```

*/opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/consoleExamples/snmpInform.cpp

```

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

```

/*_#####
_##
_## receive_trap.cpp
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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```

```
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/consoleExamples/receive_trap.cpp
```

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

```
/*_#####*/
```

```
_##
_## snmpmsg.h
_##
_## SNMP++ v3.4
_## -----
_## Copyright (c) 2001-2021 Jochen Katz, Frank Fock
_##
_## This software is based on SNMP++2.6 from Hewlett Packard:
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_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/2129786376_1722644448.535241/0/snmp-3-5-2-tar-gz/snmp+-
3.5.2/include/snmp_pp/snmpmsg.h
```

1.48 musl-utils 1.2.5-r0

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1.49 openssl 3.3.2-r0

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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1.52 apr 1.7.5-r0

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/*

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```

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```

From dso/aix/dso.c:

```

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include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From
strings/apr_snprintf.c:

- *
- * cvt - IEEE floating point formatting routines.
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Theodore Ts'o
23-June-2007

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Activities

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relink to produce a modified

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1.56 libuuid_te 2.40.1-r1

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1.57 xz-libs_te 5.6.2-r0

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=====

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