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1.2 base-passwd 3.5.29

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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1.3 libdaemon 0.14

1.3.1 Available under license :

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.4 libwww 5.4.2

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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1.5 libxml2 2.9.9

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1.6 berkeley-db 6.0.30

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```
/*-
 * $Id: LICENSE,v 11.12 2004/03/30 20:49:44 bostic Exp $
 */
```


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 *
 * \$Id\$
 */

```
#include "db_config.h"
```

```

#include
"db_int.h"
#include "dbinc/blob.h"
#include "dbinc/crypto.h"
#include "dbinc/db_page.h"
#include "dbinc/db_swap.h"
#include "dbinc/btree.h"
#include "dbinc/lock.h"
#include "dbinc/mp.h"
#include "dbinc/partition.h"
#include "dbinc/fop.h"

```

```
static void __bam_init_meta __P((DB *, BTMETA *, db_pgno_t, DB_LSN *));
```

```

/*
 * __bam_open --
 * Open a btree.
 *
 * PUBLIC: int __bam_open __P((DB *, DB_THREAD_INFO *,
 * PUBLIC:   DB_TXN *, const char *, db_pgno_t, u_int32_t));
 */

```

```

int
__bam_open(dbp, ip, txn, name, base_pgno, flags)
DB *dbp;
DB_THREAD_INFO *ip;
DB_TXN *txn;
const char *name;
db_pgno_t base_pgno;
u_int32_t flags;
{
    BTREE *t;

```

```

    COMPQUIET(name, NULL);
    t = dbp->bt_internal;

```

```

/*
 * We don't permit the user to specify a prefix routine if they didn't

```

```

* also specify a comparison routine, they can't know enough about our
* comparison routine to get it right.
*/
if (t->bt_compare == __bam_defcmp && t->bt_prefix != __bam_defpfx)
{
    __db_errx(dbp->env, DB_STR("1006",
"prefix comparison may not be specified for default comparison routine"));
    return (EINVAL);
}

/*
* Verify that the bt_minkey value specified won't cause the
* calculation of ovflsize to underflow [#2406] for this pagesize.
*/
if (B_MINKEY_TO_OVFLSIZE(dbp, t->bt_minkey, dbp->pgsize) >
    B_MINKEY_TO_OVFLSIZE(dbp, DEFMINKEYPAGE, dbp->pgsize)) {
    __db_errx(dbp->env, DB_STR_A("1007",
    "bt_minkey value of %lu too high for page size of %lu",
    "%lu %lu"), (u_long)t->bt_minkey, (u_long)dbp->pgsize);
    return (EINVAL);
}

/* Start up the tree. */
return (__bam_read_root(dbp, ip, txn, base_pgno, flags));
}

/*
* __bam_metachk --
*
* PUBLIC: int __bam_metachk __P((DB *, const char *, BTMETA *));
*/
int
__bam_metachk(dbp, name, btm)
    DB *dbp;
    const char *name;
    BTMETA *btm;
{
    ENV *env;
    u_int32_t vers;
    int ret;

    env = dbp->env;
    ret = 0;

    /*
     * At this point, all we know
     is that the magic number is for a Btree.
     * Check the version, the database may be out of date.

```

```

*/
vers = btm->dbmeta.version;
if (F_ISSET(dbp, DB_AM_SWAP))
    M_32_SWAP(vers);
switch (vers) {
case 6:
case 7:
    __db_errx(env, DB_STR_A("1008",
        "%s: btree version %lu requires a version upgrade",
        "%s %lu"), name, (u_long)vers);
    return (DB_OLD_VERSION);
case 8:
case 9:
case 10:
    break;
default:
    __db_errx(env, DB_STR_A("1009",
        "%s: unsupported btree version: %lu", "%s %lu"),
        name, (u_long)vers);
    return (EINVAL);
}

/* Swap the page if we need to. */
if (F_ISSET(dbp, DB_AM_SWAP) &&
    (ret = __bam_mswap(env, (PAGE *)btm)) != 0)
    return (ret);

/*
 * Check application info against metadata info, and set info, flags,
 * and type based on metadata info.
 */
if ((ret =
    __db_fchk(env, "DB->open", btm->dbmeta.flags, BTM_MASK)) != 0)
    return (ret);

if (F_ISSET(&btm->dbmeta, BTM_RECNO)) {
    if (dbp->type
        == DB_BTREE)
        goto wrong_type;
    dbp->type = DB_RECNO;
    DB_ILLEGAL_METHOD(dbp, DB_OK_RECNO);
} else {
    if (dbp->type == DB_RECNO)
        goto wrong_type;
    dbp->type = DB_BTREE;
    DB_ILLEGAL_METHOD(dbp, DB_OK_BTREE);
}

```

```

if (F_ISSET(&btm->dbmeta, BTM_DUP))
    F_SET(dbp, DB_AM_DUP);
else
    if (F_ISSET(dbp, DB_AM_DUP)) {
        __db_errx(env, DB_STR_A("1010",
"%s: DB_DUP specified to open method but not set in database",
"%s"), name);
        return (EINVAL);
    }

if (F_ISSET(&btm->dbmeta, BTM_RECNUM)) {
    if (dbp->type != DB_BTREE)
        goto wrong_type;
    F_SET(dbp, DB_AM_RECNUM);

    if ((ret = __db_fcchk(env,
        "DB->open", dbp->flags, DB_AM_DUP, DB_AM_RECNUM)) != 0)
        return (ret);
} else
    if (F_ISSET(dbp, DB_AM_RECNUM)) {
        __db_errx(env, DB_STR_A("1011",
"%s: DB_RECNUM specified to open method but not set in database",
"%s"), name);
        return (EINVAL);
    }

if (F_ISSET(&btm->dbmeta, BTM_FIXEDLEN)) {
    if (dbp->type != DB_RECNO)
        goto
wrong_type;
    F_SET(dbp, DB_AM_FIXEDLEN);
} else
    if (F_ISSET(dbp, DB_AM_FIXEDLEN)) {
        __db_errx(env, DB_STR_A("1012",
"%s: DB_FIXEDLEN specified to open method but not set in database",
"%s"), name);
        return (EINVAL);
    }

if (F_ISSET(&btm->dbmeta, BTM_RENUMBER)) {
    if (dbp->type != DB_RECNO)
        goto wrong_type;
    F_SET(dbp, DB_AM_RENUMBER);
} else
    if (F_ISSET(dbp, DB_AM_RENUMBER)) {
        __db_errx(env, DB_STR_A("1013",
"%s: DB_RENUMBER specified to open method but not set in database",
"%s"), name);

```

```

return (EINVAL);
}

if (F_ISSET(&btm->dbmeta, BTM_SUBDB))
    F_SET(dbp, DB_AM_SUBDB);
else
    if (F_ISSET(dbp, DB_AM_SUBDB)) {
        __db_errx(env, DB_STR_A("1014",
            "%s: multiple databases specified but not supported by file",
            "%s"), name);
        return (EINVAL);
    }

if (F_ISSET(&btm->dbmeta, BTM_DUPSORT)) {
    if (dbp->dup_compare == NULL)
        dbp->dup_compare = __bam_defcmp;
    F_SET(dbp, DB_AM_DUPSORT);
}
else
    if (dbp->dup_compare != NULL) {
        __db_errx(env, DB_STR_A("1015",
            "%s: duplicate sort specified but not supported in database",
            "%s"), name);
        return (EINVAL);
    }

#ifdef HAVE_COMPRESSION
    if (F_ISSET(&btm->dbmeta, BTM_COMPRESS)) {
        F_SET(dbp, DB_AM_COMPRESS);
        if ((BTREE *)dbp->bt_internal != NULL &&
            !DB_IS_COMPRESSED(dbp) &&
            (ret = __bam_set_bt_compress(dbp, NULL, NULL)) != 0)
            return (ret);
    } else {
        if ((BTREE *)dbp->bt_internal != NULL &&
            DB_IS_COMPRESSED(dbp)) {
            __db_errx(env, DB_STR_A("1016",
                "%s: compression specified to open method but not set in database",
                "%s"), name);
            return (EINVAL);
        }
    }
#else
    if (F_ISSET(&btm->dbmeta, BTM_COMPRESS)) {
        __db_errx(env, DB_STR_A("1017",
            "%s: compression support has not been compiled in", "%s"),
            name);
        return (EINVAL);
    }

```



```

}
#endif

/* Set the page size. */
dbp->pgsize = btm->dbmeta.pagesize;

dbp->blob_threshold = btm->blob_threshold;
GET_BLOB_FILE_ID(env,
btm, dbp->blob_file_id, ret);
if (ret != 0)
    return (ret);
GET_BLOB_SDB_ID(env, btm, dbp->blob_sdb_id, ret);
if (ret != 0)
    return (ret);
/* Blob databases must be upgraded. */
if (vers == 9 && (dbp->blob_file_id != 0 || dbp->blob_sdb_id != 0)) {
    __db_errx(env, DB_STR_A("1207",
"%s: databases that support blobs must be upgraded.", "%s"),
        name);
    return (EINVAL);
}
#ifdef HAVE_64BIT_TYPES
if (dbp->blob_file_id != 0 || dbp->blob_sdb_id != 0) {
    __db_errx(env, DB_STR_A("1199",
"%s: blobs require 64 integer compiler support.", "%s"),
        name);
    return (EINVAL);
}
#endif

/* Copy the file's ID. */
memcpy(dbp->fileid, btm->dbmeta.uid, DB_FILE_ID_LEN);

return (0);

wrong_type:
if (dbp->type == DB_BTREE)
    __db_errx(env, DB_STR("1018",
"open method type is Btree, database type is Recno"));
else
    __db_errx(env, DB_STR("1019",
"open method type is Recno, database type is Btree"));
return
(EINVAL);
}

/*
* __bam_read_root --

```

```

* Read the root page and check a tree.
*
* PUBLIC: int __bam_read_root __P((DB *,
* PUBLIC:   DB_THREAD_INFO *, DB_TXN *, db_pgno_t, u_int32_t));
*/
int
__bam_read_root(dbp, ip, txn, base_pgno, flags)
DB *dbp;
DB_THREAD_INFO *ip;
DB_TXN *txn;
db_pgno_t base_pgno;
u_int32_t flags;
{
    BTMETA *meta;
    BTREE *t;
    DBC *dbc;
    DB_LOCK metalock;
    DB_MPOOLFILE *mpf;
    int ret, t_ret;

    COMPQUIET(flags, 0);

    meta = NULL;
    t = dbp->bt_internal;
    LOCK_INIT(metalock);
    mpf = dbp->mpf;
    ret = 0;

    /* Get a cursor. */
    if ((ret = __db_cursor(dbp, ip, txn, &dbc,
        F_ISSET(dbp, DB_AM_RECOVER) ? DB_RECOVER : 0)) != 0)
        return (ret);

    /* Get the metadata page. */
    if ((ret =
        __db_lget(dbc, 0, base_pgno, DB_LOCK_READ, 0, &metalock)) != 0)
        goto err;
    if ((ret = __memp_fget(mpf, &base_pgno, ip, dbc->txn, 0, &meta)) != 0)
        goto err;

    /*
     * If the magic number is set, the tree has been
     created. Correct
     * any fields that may not be right. Note, all of the local flags
     * were set by DB->open.
     *
     * Otherwise, we'd better be in recovery or abort, in which case the
     * metadata page will be created/initialized elsewhere.

```

```

*
* Ignore the last_pgno on the metadata page for snapshot transactions:
* we may be reading an old version of the page, and we've already
* set last_pgno from the file size. The only time this would matter
* is if we don't have ftruncate and there are some free pages at the
* end of the file: we could end up with holes.
*/
if (meta->dbmeta.magic == DB_BTREEMAGIC) {
    t->bt_minkey = meta->minkey;
    t->re_pad = (int)meta->re_pad;
    t->re_len = meta->re_len;

    t->bt_meta = base_pgno;
    t->bt_root = meta->root;
    t->revision = dbp->mpf->mfp->revision;
    if (PGNO(meta) == PGNO_BASE_MD &&
        !F_ISSET(dbp, DB_AM_RECOVER) &&
        (txn == NULL || !F_ISSET(txn, TXN_SNAPSHOT)) && (ret =
            __memp_set_last_pgno(mpf,
meta->dbmeta.last_pgno)) != 0)
        goto err;
    } else {
        DB_ASSERT(dbp->env,
            IS_RECOVERING(dbp->env) || F_ISSET(dbp, DB_AM_RECOVER));
    }

    /*
    * !!!
    * If creating a subdatabase, we've already done an insert when
    * we put the subdatabase's entry into the master database, so
    * our last-page-inserted value is wrongly initialized for the
    * master database, not the subdatabase we're creating. I'm not
    * sure where the *right* place to clear this value is, it's not
    * intuitively obvious that it belongs here.
    */
    t->bt_lpgno = PGNO_INVALID;

err: /* Put the metadata page back. */
    if (meta != NULL && (t_ret = __memp_fput(mpf,
        ip, meta, dbc->priority)) != 0 && ret == 0)
        ret = t_ret;
    if ((t_ret = __LPUT(dbc, metalock)) != 0 && ret == 0)
        ret = t_ret;

    if ((t_ret = __dbc_close(dbc)) != 0 && ret == 0)
        ret = t_ret;
    return (ret);
}

```

```

/*
 * __bam_init_meta --
 *
 * Initialize a btree meta-data page. The following fields may
 * need
 * to be updated later: last_pgno, root.
 */
static void
__bam_init_meta(dbp, meta, pgno, lsnp)
DB *dbp;
BTMETA *meta;
db_pgno_t pgno;
DB_LSN *lsnp;
{
    BTREE *t;
#ifdef HAVE_PARTITION
    DB_PARTITION *part;
#endif
    ENV *env;

    env = dbp->env;
    t = dbp->bt_internal;

    memset(meta, 0, sizeof(BTMETA));
    meta->dbmeta.lsn = *lsnp;
    meta->dbmeta.pgno = pgno;
    meta->dbmeta.magic = DB_BTREEMAGIC;
    meta->dbmeta.version = DB_BTREEVERSION;
    meta->dbmeta.pagesize = dbp->pgsize;
    if (F_ISSET(dbp, DB_AM_CHKSUM))
        FLD_SET(meta->dbmeta.metaflags, DBMETA_CHKSUM);
    if (F_ISSET(dbp, DB_AM_ENCRYPT)) {
        meta->dbmeta.encrypt_alg = env->crypto_handle->alg;
        DB_ASSERT(env, meta->dbmeta.encrypt_alg != 0);
        meta->crypto_magic = meta->dbmeta.magic;
    }
    meta->dbmeta.type = P_BTREEMETA;
    meta->dbmeta.free = PGNO_INVALID;
    meta->dbmeta.last_pgno = pgno;
    if (F_ISSET(dbp, DB_AM_DUP))
        F_SET(&meta->dbmeta, BTM_DUP);
    if (F_ISSET(dbp, DB_AM_FIXEDLEN))
        F_SET(&meta->dbmeta,
        BTM_FIXEDLEN);
    if (F_ISSET(dbp, DB_AM_RECNUM))
        F_SET(&meta->dbmeta, BTM_RECNUM);
    if (F_ISSET(dbp, DB_AM_RENUMBER))

```

```

F_SET(&meta->dbmeta, BTM_RENUMBER);
if (F_ISSET(dbp, DB_AM_SUBDB))
    F_SET(&meta->dbmeta, BTM_SUBDB);
if (dbp->dup_compare != NULL)
    F_SET(&meta->dbmeta, BTM_DUPSORT);
#ifdef HAVE_COMPRESSION
if (DB_IS_COMPRESSED(dbp))
    F_SET(&meta->dbmeta, BTM_COMPRESS);
#endif
if (dbp->type == DB_RECNO)
    F_SET(&meta->dbmeta, BTM_RECNO);
memcpy(meta->dbmeta.uid, dbp->fileid, DB_FILE_ID_LEN);

meta->minkey = t->bt_minkey;
meta->re_len = t->re_len;
meta->re_pad = (u_int32_t)t->re_pad;
meta->blob_threshold = dbp->blob_threshold;
SET_BLOB_META_FILE_ID(meta, dbp->blob_file_id, BTMETA);
SET_BLOB_META_SDB_ID(meta, dbp->blob_sdb_id, BTMETA);

#ifdef HAVE_PARTITION
if ((part = dbp->p_internal) != NULL) {
    meta->dbmeta.nparts = part->nparts;
    if (F_ISSET(part, PART_CALLBACK))
        FLD_SET(meta->dbmeta.metaflags, DBMETA_PART_CALLBACK);
    if (F_ISSET(part,
PART_RANGE))
        FLD_SET(meta->dbmeta.metaflags, DBMETA_PART_RANGE);
}
#endif
}

/*
 * __bam_new_file --
 * Create the necessary pages to begin a new database file.
 *
 * This code appears more complex than it is because of the two cases (named
 * and unnamed). The way to read the code is that for each page being created,
 * there are three parts: 1) a "get page" chunk (which either uses malloc'd
 * memory or calls __memp_fget), 2) the initialization, and 3) the "put page"
 * chunk which either does a fop write or an __memp_fput.
 *
 * PUBLIC: int __bam_new_file __P((DB *,
 * PUBLIC:     DB_THREAD_INFO *, DB_TXN *, DB_FH *, const char *));
 */
int
__bam_new_file(dbp, ip, txn, fhp, name)
DB *dbp;

```

```

DB_THREAD_INFO *ip;
DB_TXN *txn;
DB_FH *fhp;
const char *name;
{
    BTMETA *meta;
    DBT pdbt;
    DB_LSN lsn;
    DB_MPOOLFILE *mpf;
    DB_PGINFO pginfo;
    ENV *env;
    PAGE *root;
    db_pgno_t pgno;
    int ret, t_ret;
    void *buf;

    env = dbp->env;
    mpf =
    dbp->mpf;
    root = NULL;
    meta = NULL;
    buf = NULL;

    if (F_ISSET(dbp, DB_AM_INMEM)) {
        /* Build the meta-data page. */
        pgno = PGNO_BASE_MD;
        if ((ret = __memp_fget(mpf, &pgno,
            ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &meta)) != 0)
            return (ret);
        LSN_NOT_LOGGED(lsn);
        __bam_init_meta(dbp, meta, PGNO_BASE_MD, &lsn);
        meta->root = 1;
        meta->dbmeta.last_pgno = 1;
        if ((ret =
            __db_log_page(dbp, txn, &lsn, pgno, (PAGE *)meta)) != 0)
            goto err;
        ret = __memp_fput(mpf, ip, meta, dbp->priority);
        meta = NULL;
        if (ret != 0)
            goto err;

        /* Build the root page. */
        pgno = 1;
        if ((ret = __memp_fget(mpf, &pgno,
            ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &root)) != 0)
            goto err;
        P_INIT(root, dbp->pgsize, 1, PGNO_INVALID, PGNO_INVALID,
            LEAFLEVEL, dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE);
    }
}

```

```

LSN_NOT_LOGGED(root->lsn);
if ((ret =
    __db_log_page(dbp, txn, &root->lsn, pgno, root)) != 0)
    goto err;
ret =
__memp_fput(mpf, ip, root, dbp->priority);
root = NULL;
if (ret != 0)
    goto err;
} else {
    memset(&pdbt, 0, sizeof(pdbt));

    /* Build the meta-data page. */
    pginfo.db_pagesize = dbp->pgsize;
    pginfo.flags =
        F_ISSET(dbp, (DB_AM_CHKSUM | DB_AM_ENCRYPT | DB_AM_SWAP));
    pginfo.type = dbp->type;
    pdbt.data = &pginfo;
    pdbt.size = sizeof(pginfo);
    if (dbp->blob_threshold) {
        if ((ret = __blob_generate_dir_ids(dbp, txn,
            &dbp->blob_file_id)) != 0)
            return (ret);
    }

    if ((ret = __os_calloc(env, 1, dbp->pgsize, &buf)) != 0)
        return (ret);
    meta = (BTMETA *)buf;
    LSN_NOT_LOGGED(lsn);
    __bam_init_meta(dbp, meta, PGNO_BASE_MD, &lsn);
    meta->root = 1;
    meta->dbmeta.last_pgno = 1;
    if ((ret = __db_pgout(
        dbp->dbenv, PGNO_BASE_MD, meta, &pdbt)) != 0)
        goto err;
    if ((ret = __fop_write(env, txn, name, dbp->dirname,
        DB_APP_DATA, fhp,
        dbp->pgsize, 0, 0, buf, dbp->pgsize, 1, F_ISSET(
        dbp, DB_AM_NOT_DURABLE)
        ? DB_LOG_NOT_DURABLE : 0)) != 0)
        goto err;
    meta = NULL;

    /* Build the root page. */
#ifdef DIAGNOSTIC
    memset(buf, CLEAR_BYTE, dbp->pgsize);
#endif
    root = (PAGE *)buf;

```

```

P_INIT(root, dbp->pgsize, 1, PGNO_INVALID, PGNO_INVALID,
    LEAFLEVEL, dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE);
LSN_NOT_LOGGED(root->lsn);
if ((ret =
    __db_pgout(dbp->dbenv, root->pgno, root, &pdbt)) != 0)
    goto err;
if ((ret =
    __fop_write(env, txn, name, dbp->dirname, DB_APP_DATA,
    fhp, dbp->pgsize, 1, 0, buf, dbp->pgsize, 1, F_ISSET(
    dbp, DB_AM_NOT_DURABLE) ? DB_LOG_NOT_DURABLE : 0)) != 0)
    goto err;
root = NULL;
}

err: if (buf != NULL)
    __os_free(env, buf);
else {
    if (meta != NULL &&
        (t_ret = __memp_fput(mpf, ip,
        meta, dbp->priority)) != 0 && ret == 0)
        ret = t_ret;
    if (root != NULL &&
        (t_ret = __memp_fput(mpf, ip,
        root, dbp->priority)) != 0 && ret == 0)
        ret = t_ret;
}
return (ret);
}

/*
 * __bam_new_subdb --
 * Create a metadata page and a root page for a new btree.
 *
 * PUBLIC: int __bam_new_subdb __P((DB *, DB *, DB_THREAD_INFO *, DB_TXN *));
 */
int
__bam_new_subdb(mdbp, dbp, ip, txn)
    DB *mdbp, *dbp;
    DB_THREAD_INFO *ip;
    DB_TXN *txn;
{
    BTMETA *meta;
    DBC *dbc;
    DB_LOCK metalock;
    DB_LSN lsn;
    DB_MPOOLFILE *mpf;
    ENV *env;
    PAGE *root;

```



```

int ret, t_ret;

env = mdbp->env;
mpf = mdbp->mpf;
dbc = NULL;
meta = NULL;
root = NULL;

if (dbp->blob_threshold) {
    if ((ret = __blob_generate_dir_ids(dbp, txn,
        &dbp->blob_sdb_id)) != 0)
        return (ret);
}

if ((ret = __db_cursor(mdbp, ip, txn,
    &dbc, CDB_LOCKING(env) ? DB_WRITECURSOR : 0)) != 0)
    return (ret);

/* Get, and optionally create the metadata page. */
if ((ret = __db_lget(dbc,
    0, dbp->meta_pgno, DB_LOCK_WRITE, 0, &metalock)) != 0)
    goto err;
if ((ret = __memp_fget(mpf, &dbp->meta_pgno,
    ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &meta))
    != 0)
    goto err;

/* Build meta-data page. */
lsn = meta->dbmeta.lsn;
__bam_init_meta(dbp, meta, dbp->meta_pgno, &lsn);
if ((ret = __db_log_page(mdbp,
    txn, &meta->dbmeta.lsn, dbp->meta_pgno, (PAGE *)meta)) != 0)
    goto err;

/* Create and initialize a root page. */
if ((ret = __db_new(dbc,
    dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE, NULL, &root)) != 0)
    goto err;
root->level = LEAFLEVEL;

if (DBENV_LOGGING(env) &&
    #if !defined(DEBUG_WOP)
        txn != NULL &&
    #endif

    (ret = __bam_root_log(mdbp, txn, &meta->dbmeta.lsn, 0,
        meta->dbmeta.pgno, root->pgno, &meta->dbmeta.lsn)) != 0)
    goto err;

```

```

meta->root = root->pgno;
if ((ret =
    __db_log_page(mdbp, txn, &root->lsn, root->pgno, root)) != 0)
    goto err;

/* Release the metadata and root pages. */
if ((ret = __memp_fput(mpf, ip, meta, dbc->priority)) != 0)
    goto err;
meta = NULL;
if ((ret = __memp_fput(mpf, ip, root, dbc->priority)) != 0)
    goto err;
root = NULL;
err:
if
(meta != NULL)
if ((t_ret = __memp_fput(mpf, ip,
    meta, dbc->priority)) != 0 && ret == 0)
    ret = t_ret;
if (root != NULL)
if ((t_ret = __memp_fput(mpf, ip,
    root, dbc->priority)) != 0 && ret == 0)
    ret = t_ret;
if ((t_ret = __LPUT(dbc, metalock)) != 0 && ret == 0)
    ret = t_ret;
if (dbc != NULL)
if ((t_ret = __dbc_close(dbc)) != 0 && ret == 0)
    ret = t_ret;
return (ret);
}

```

1.7 mingetty 1.08

1.7.1 Available under license :

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1.8 pm-utils 1.4.1

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```

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```

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#

. "@PM-UTILS-LIBDIR@/pm-functions"

help_options()
{
    echo "pm-is-supported [--suspend | --hibernate | --suspend-hybrid ]"
    echo

```

```

}

ARG="$(echo ${1#--}|tr - _)"

case "$ARG" in
suspend|hibernate|suspend_hybrid)
    "check_$ARG" ;;
help) help_options ;;
*) help_options 1>&2
    exit
    1 ;;
esac

```

1.9 tcp-wrappers 7.6

1.9.1 Available under license :

```

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```

1.10 mbed-tls 2.16.2

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1.11 dmidecode 3.5

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1.12 zeromq 4.2.3

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1.13 net-snmp 5.8

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1.18 os-release 1.0

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1.19 Im-sensors 3.4.0

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Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard

Original author of libsensors, sensors-detect, sensors and isadump.

* Merlin Hughes

Original author of sensord.

* Bob Schlaermann

Dynamic chip feature detection (a.k.a. generic chip support) in
libsensors and sensors.

* Mark M. Hoffman

Many improvements to the libsensors configuration file scanner.

* Jean Delvare

New libsensors API, and migration of sensors and sensord thereto.

Many optimizations in libsensors and sensors.

Configuration file converter.

Rewrite of sensors-detect.

Support for multiple configuration files in libsensors.

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Upstream-Contact: Andy Cress <arccress@users.sourceforge.net>

Source: <http://ipmiutil.sourceforge.net>

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1.23 libusb-compat 0.1.7

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1.24 websocketpp 0.8.2

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Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

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***** UTF8 Validation logic (utf8_validation.hpp) *****

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Version 3, 29 June 2007

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1.34 xinetd 2.3.15.4

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wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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1.36 libedit 3.1

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1.37 fdisk 2.38.0

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	NR	START	END	SECTORS	SIZE	NAME	UUID
1	32	7679	7648	3.7M		8f8378c0-01	
2	7680	16383	8704	4.3M		8f8378c0-02	
5	7936	12799	4864	2.4M			

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1.38 lua 5.4.4

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Version 2.1, February 1999

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Upstream-Name: libnsl

Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>

Source: <https://github.com/thkukuk/libnsl>

Files: debian/*

Copyright: 2020, Aurelien Jarno

License: LGPL-2.1+

Files: AUTHORS

configure.ac

config.h.in

libnsl.pc.in

Makefile.am

NEWS

README

src/Makefile.am

src/do_ypcall.c

src/internal.h

src/libnsl.map

src/nisplus/nis_error.c

src/taddr2host.c

src/taddr2ipstr.c

src/taddr2port.c

src/yp_first.c

src/yp_get_default_domain.c

src/yp_maplist.c

src/yp_master.c

src/yp_match.c

src/yp_next.c

src/yp_order.c

src/ypbinderr_string.c

src/yperr_string.c

src/ypprot_err.c

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Files: src/libc-lock.h

src/nisplus/nis_add.c

src/nisplus/nis_addmember.c

src/nisplus/nis_call.c

src/nisplus/nis_callback.c
src/nisplus/nis_checkpoint.c
src/nisplus/nis_clone_dir.c
src/nisplus/nis_clone_obj.c
src/nisplus/nis_clone_res.c
src/nisplus/nis_creategroup.c
src/nisplus/nis_defaults.c
src/nisplus/nis_destroygroup.c
src/nisplus/nis_domain_of.c
src/nisplus/nis_domain_of_r.c
src/nisplus/nis_file.c
src/nisplus/nis_findserv.c
src/nisplus/nis_free.c
src/nisplus/nis_getservlist.c
src/nisplus/nis_hash.c
src/nisplus/nis_intern.h
src/nisplus/nis_ismember.c
src/nisplus/nis_local_names.c
src/nisplus/nis_lookup.c
src/nisplus/nis_mkdir.c
src/nisplus/nis_modify.c
src/nisplus/nis_ping.c
src/nisplus/nis_print.c
src/nisplus/nis_print_group_entry.c
src/nisplus/nis_remove.c
src/nisplus/nis_removemember.c
src/nisplus/nis_rmdir.c
src/nisplus/nis_server.c
src/nisplus/nis_subr.c
src/nisplus/nis_table.c
src/nisplus/nis_util.c
src/nisplus/nis_verifygroup.c
src/nisplus/nis_xdr.c
src/nisplus/nis_xdr.h
src/rpcsvc/nislib.h
src/rpcsvc/ypclnt.h

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Files: src/rpcsvc/nis_callback.h

src/rpcsvc/nis_callback.x
src/rpcsvc/nis_object.x
src/rpcsvc/nis_tags.h
src/rpcsvc/nis.h
src/rpcsvc/nis.x
src/rpcsvc/yp.h
src/rpcsvc/yp.x
src/rpcsvc/yp_prot.h

src/rpcsvc/yppasswd.h
src/rpcsvc/yppasswd.x
src/rpcsvc/ypupd.h
src/yp_xdr.c

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Files: INSTALL

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Files: Makefile.in

src/Makefile.in

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License: permissive-makefile-in

Files: aclocal.m4

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License:

permissive-autoconf-m4-no-warranty

Files: config.sub

config.guess

Copyright: 1992-2018 Free Software Foundation, Inc.

License: GPL-3+-autoconf-exception

Files: configure

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License: permissive-configure

Files: compile

depcomp

missing

test-driver

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License: GPL-2+-autoconf-exception

Files: install-sh

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License: MIT

Files: ltmain.sh

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Files: config.rpath

m4/gettext.m4

m4/host-cpu-c-abi.m4

m4/iconv.m4
m4/intlmacosx.m4
m4/lib-ld.m4
m4/lib-link.m4
m4/lib-prefix.m4
m4/libtool.m4
m4/ltoptions.m4
m4/ltsugar.m4
m4/ltversion.m4
m4/lt~obsolete.m4
m4/nls.m4
m4/po.m4
m4/progtest.m4

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License:

permissive-autoconf-m4

Files: ABOUT-NLS

po/Makefile.in.in
po/Makevars
po/POTFILES.in
po/Rules-quot
po/boldquot.sed
po/en@boldquot.header
po/en@quot.header
po/insert-header.sin
po/libnsl.pot
po/quot.sed
po/remove-potcdate.sin
po/stamp-po

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1.40 tdb 1.46.5

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#

This is a Makefile stub which handles the creation of BSD shared
libraries.

#

In order to use this stub, the following makefile variables must be defined.

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD_LIB = \$(BSDLIB_IMAGE).so.\$(BSDLIB_VERSION)

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LDFLAGS_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)

(cd ..; \$(LN) \$(LINK_BUILD_FLAGS) \

`echo \$(my_dir) | sed -e 's;lib/;;' /\$(BSD_LIB) \$(BSD_LIB))

install-shlibs install:: \$(BSD_LIB)

@echo " INSTALL_PROGRAM \$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)"

@\$(INSTALL_PROGRAM) \$(BSD_LIB) \

\$(DESTDIR)\$ (BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

@-\$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$ (BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

clean::

\$(RM)

-rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.

+ trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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```
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Theodore Ts'o

23-June-2007

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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1.41 hd-parm 9.63

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1.42 init-system-helpers 1.62

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1.43 ketopt 2019.4

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1.44 parson 1.1.3

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1.45 libatomic 10.3.0

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<debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
svn://gcc.gnu.org/svn/gcc/ (for prereleases)
ftp://sourceware.org/pub/newlib/ (for newlib)
git://git.savannah.gnu.org/gm2.git (for Modula-2)

The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation

Ada			
	gnat-10	libgnat-10	gnat-10-doc
BRIG	gccbrig-10	libhsail-rt0	
C	gcc-10		gcc-10-doc
C++	g++-10	libstdc++6	libstdc++6-10-doc
D	gdc-10		
Fortran 95	gfortran-10	libgfortran5	gfortran-10-doc
Go	gccgo-10	libgo0	
Objective C	gobjc-10	libobjc4	
Objective C++	gobjc++-10		
Modula-2	gm2-10	libgm2	

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent

C++		libstdc++6-10-dbg	libstdc++6-10-pic	
D	libphobos-10-dev			

Additional packages include:

All languages:

libgcc1,
libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-10-base Base files common to all compilers
gcc-10-soft-float Software floating point (ARM only)
gcc-10-source The sources with patches

Ada:

libgnat-util10-dev, libgnat-util10 GNAT version library

C:

cpp-10, cpp-10-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type
fixincludes	Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1	GCC OpenMP (GOMP) support library
libitm1-dev, libitm1	GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can

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libquadmath/math:

atanq.c, expm1q.c, j0q.c, j1q.c, log1pq.c, logq.c:

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ldexpq.c:

- * Conversion to long double by Ulrich Drepper,
- * Cygnus Support, drepper@cygnus.com.

cosq_kernel.c, expq.c, sincos_table.c, sincosq.c, sincosq_kernel.c, sinq_kernel.c, truncq.c:

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D:

gdc-10 GNU D Compiler

libphobos-10-dev D standard runtime library

The D source package is made up of the following components.

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- d/*

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The DMD Compiler implementation of the D programming language:

- d/dmd/*

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- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:

- d/phobos/*

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```

1.46 libcroco 0.6.13

1.46.1 Available under license :

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

Name: libcroco
Summary: A CSS2 parsing library
Version: 0.6.13
Release: 1
License: LGPLv2
Source: <http://download.gnome.org/sources/libcroco/0.6/{name}-{version}.tar.xz>

Patch1: 0001-Disable-gtkdoc.patch

BuildRequires: pkgconfig
BuildRequires: glib2-devel
BuildRequires: libxml2-devel

%description
CSS2 parsing and manipulation library for GNOME

%package devel
Summary: Libraries and include files for developing with libcroco
Requires: %{name} = %{version}-%{release}

%description devel
This package provides the necessary development libraries and include files to allow you to develop with libcroco.

%prep
%setup -q -n %{name}-%{version}/%{name}
%patch1 -p1

%build
./autogen.sh --disable-static --prefix=%{_prefix}
make %{?_smp_mflags} CFLAGS="\$CFLAGS -fno-strict-aliasing"

%install
%make_install
find \$RPM_BUILD_ROOT -name
'*.la' -exec rm -f {} ';'

%check
make check

%post -p /sbin/ldconfig

%postun -p /sbin/ldconfig

%files

```
%license COPYING COPYING.LIB
%doc AUTHORS NEWS README
%{_bindir}/csslint-0.6
%{_libdir}/*.so.*
```

```
%files devel
%{_libdir}/*.so
%{_includedir}/libcroco-0.6
%{_bindir}/croco-0.6-config
%{_libdir}/pkgconfig/libcroco-0.6.pc
```

Found in path(s):

* /sailfishos-libcroco-0-6-13-0-g1d0b526-tar-gz/sailfishos-libcroco-1d0b526/rpm/libcroco.spec

1.47 berkeley-db 5.3.28

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1.48 ipmi-tool 1.8.18

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1.49 unzip 6.0

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5.42, the complete

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- * by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

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1.50 freeradius-client 1.1.7

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1.57 libmnl 1.0.4

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1.58 sysvinit-inittab 2.88dsf

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License: GPLv2

Found in path(s):

* /sysvinit-inittab-2.88dsf-r10.0.src.rpm-cosi-expand-archive-qTgsRCyW/sysvinit-inittab.spec

1.59 update-rc-d 0.8

1.59.1 Available under license :

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```
#!/bin/sh
#
# update-rc.d Update the links in /etc/rc[0-9S].d/
#
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#
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initd="/etc/init.d"
etcd="/etc/rc"
notreally=0
force=0
dostart=0
verbose=0

usage()
{
    cat >&2 <<EOF
usage: update-rc.d [-n] [-f] [-r <root>] <basename> remove
      update-rc.d [-n] [-r <root>] [-s] <basename> defaults [NN | sNN kNN]
      update-rc.d [-n] [-r <root>] [-s] <basename> start|stop NN runlvl [runlvl] [...] .
    -n: not
    really
    -f: force
    -v: verbose
    -r: alternate root path (default is /)
    -s: invoke start methods if appropriate to current runlevel
EOF
}

checklinks()
{
    local i dn fn remove=0
    if [ "x$1" = "xremove" ]; then
```

```

echo " Removing any system startup links for $bn ..."
remove=1
fi

for i in 0 1 2 3 4 5 6 7 8 9 S; do
dn="{etcd}${i}.d"
if [ ! -d $dn ]; then
continue;
fi
for f in ${dn}/[SK]??${bn}; do
if [ -L $f ]; then
if [ $remove -eq 0 ]; then
return 1
fi
echo " $f"
if [ $notreally -eq 1 ]; then
continue
fi
rm $f
fi
done
done

return 0
}

dolink()
{
startstop=$1
lev=`echo $2 | cut -d/ -f1`
nn=`echo $2 | cut -d/ -f2`
fn="{etcd}${lev}.d/${startstop}${nn}${bn}"
[ $verbose -eq 1 ] && echo " $fn -> ../init.d/$bn"
if [ $notreally -eq 0 ]; then
mkdir -p `dirname $fn`
ln -s ../init.d/$bn $fn
fi
if [ $dostart -eq 1 ] && [ $startstop = "S" ] && [ $lev = $RUNLEVEL ]; then
$fn start || true
fi
}

makelinks()
{
if ! checklinks;
then
echo " System startup links for $initd/$bn already exist."
if [ $dostart -eq 1 ] && [ $notreally -eq 0 ] && [ -L ${etcd}${RUNLEVEL}.d/S??${bn} ]; then

```

```

    ${etcd}${RUNLEVEL}.d/S??${bn} restart || true
fi
exit 0
fi

```

```

echo " Adding system startup for $initd/$bn."

```

```

for i in $startlinks; do
    dolink S $i
done
for i in $stoplinks; do
    dolink K $i
done
}

```

```

while [ $# -gt 0 ]; do
case $1 in
-n) notreally=1
    shift
    continue
;;
-v) verbose=1
    shift
    continue
;;
-f) force=1
    shift
    continue
;;
-s) dostart=1
    shift
    continue
;;
-r)  shift
    root=$1
    initd="${root}${initd}"
    etcd="${root}${etcd}"
    shift
;;
-h | --help)
    usage
    exit 0
;;
-*)
    usage
    exit 1
;;
*)

```

```

break
;;
esac
done

if [ $# -lt 2 ]; then
usage
exit 1
fi

bn=$1
shift

sn=$initd/$bn
if [ -L "$sn" -a -n "$root" ]; then
if which readlink >/dev/null; then
while true; do
linksn="$(readlink "$sn")"
if [ -z "$linksn" ]; then
break
fi

sn="$linksn"
case
"$sn" in
/*) sn="$root$sn" ;;
*) sn="$initd/$sn" ;;
esac
done
else
echo "update-rc.d: readlink tool not present, cannot check whether \
$sn symlink points to a valid file." >&2
fi
fi

if [ $1 != "remove" ]; then
if [ ! -f "$sn" ]; then
echo "update-rc.d: $initd/$bn: file does not exist" >&2
exit 1
fi
else
if [ -f "$sn" ]; then
if [ $force -eq 1 ]; then
echo "update-rc.d: $initd/$bn exists during rc.d purge (continuing)" >&2
else
echo "update-rc.d: $initd/$bn exists during rc.d purge (use -f to force)" >&2
exit 1
fi
fi

```

```

fi
fi

if [ $dostart -eq 1 ]; then
#RUNLEVEL=`sed 's/.*\[(.*)\]/1/' < /proc/1/cmdline`
RUNLEVEL=`runlevel | cut -d" " -f2`
if [ "x$RUNLEVEL" = "x" ]; then
echo "Unable to determine current runlevel" >&2
exit 1
fi
fi

case $1 in
remove)
checklinks "remove"
;;

defaults)
if [ $# -gt 3 ]; then
echo "defaults takes only one or two arguments" >&2
usage
exit 1
fi
start=20
stop=20
if
[ $# -gt 1 ]; then
start=$2
stop=$2
fi
if [ $# -gt 2 ]; then
stop=$3
fi
start=`printf %02d $start`
stop=`printf %02d $stop`
stoplinks="0/$stop 1/$stop 6/$stop"
startlinks="2/$start 3/$start 4/$start 5/$start"
makelinks
;;

start | stop)
while [ $# -gt 0 ]; do
if [ $1 = "start" ]; then
letter=S
elif [ $1 = "stop" ]; then
letter=K
else
echo "expected start or stop" >&2

```

```

usage
exit 1
fi
shift
NN=`printf %02d $(expr $1 + 0)`
shift
while [ "x$1" != "x." ]; do
  if [ $# -eq 0 ]; then
    echo "action with list of runlevels not terminated by \`.`" >&2
    exit 1
  fi
  level=$1
  shift
  case $letter in
    S) startlinks="$startlinks $level/$NN" ;;
    K) stoplinks="$stoplinks $level/$NN" ;;
    esac
  done
  shift
done
makelinks
;;

*)
usage
exit 1
;;
esac

```

Found in path(s):

```

* /update-rc-d-0-8-e8e1267e-d911-11ea-8a10-0487ae13f3ca-tgz/update-rc-d-0-8-22e0692898-tar-bz2/update-rc.d-
0.8-22e0692898/git/update-rc.d

```

1.60 iconv 2.35

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1.64 python-ply 3.11

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```
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* /ply-3-11-1-tar-gz/ply-3.11/ply/lex.py
```

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```
# PLY (Python Lex-Yacc)          Version 3.11
```

```
[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)
```

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides **very** extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery,

precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

=====

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example

=====

Here is a simple example showing a PLY implementation
of a calculator
with variables.

```
# -----  
# calc.py  
#  
# A simple calculator with variables.  
# -----  
  
tokens = (  
    'NAME','NUMBER',  
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',  
    'LPAREN','RPAREN',  
)  
  
# Tokens  
  
t_PLUS = r\'+'  
t_MINUS = r\'-'  
t_TIMES = r\'*'  
t_DIVIDE = r\'/'  
t_EQUALS = r\'=\'  
t_LPAREN = r\'('  
t_RPAREN = r\')'  
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'  
  
def t_NUMBER(t):  
    r\'d+\'  
    t.value = int(t.value)  
    return t  
  
# Ignored characters  
t_ignore = " \t"  
  
def t_newline(t):  
    r\'n+\'  
    t.lexer.lineno += t.value.count("\n")  
  
def t_error(t):  
    print("Illegal character '%s'" % t.value[0])  
    t.lexer.skip(1)  
  
# Build the lexer  
import ply.lex as lex  
lex.lex()
```



```

# Precedence
rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    '''expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression'''
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN
expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:

```

```

        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ') # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)

```

Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page

at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

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* /ply-3-11-1-tar-gz/ply-3.11/README.md

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Metadata-Version: 1.1

Name: ply

Version: 3.11

Summary: Python Lex & Yacc

Home-page: <http://www.dabeaz.com/ply/>

Author: David Beazley

Author-email: dave@dabeaz.com

License: BSD

Description-Content-Type: UNKNOWN

Description:

PLY is yet another implementation of lex and yacc for Python. Some notable features include the fact that its implemented entirely in Python and it uses LALR(1) parsing which is efficient and well suited for larger grammars.

PLY provides most of the standard lex/yacc features including support for empty productions, precedence rules, error recovery, and support for ambiguous grammars.

PLY is extremely easy to use and provides very extensive error checking.
It is compatible with both Python 2 and Python 3.

Platform: UNKNOWN

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python
:: 2

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1.65 syslog-ng 3.36.1

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#####

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====

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1.66 pyasn1 0.4.8

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ASN.1 library for Python

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This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

*

Generic implementation of ASN.1 types (X.208)

* Standards compliant BER/CER/DER codecs

* Dumps/loads ASN.1 structures from Python types

* 100% Python, works with Python 2.4 up to Python 3.7

* MT-safe

* Contributed ASN.1 compiler [Asn1ate](<https://github.com/kimgr/asn1ate>)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>)

by

Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
 id INTEGER,
 room [0] INTEGER OPTIONAL,
 house [1] INTEGER DEFAULT 0
}
```
```


Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
 componentType = NamedTypes(
 NamedType('id', Integer()),
 OptionalNamedType(
 'room', Integer().subtype(
 implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
)
),
 DefaultedNamedType(
 'house',
 Integer(0).subtype(
 implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
)
)
)
```
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```
```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```
```

Conversely, you can turn serialised ASN.1 content, as received from

network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>> print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```
```

With ASN.1 design, serialisation codecs are decoupled from data objects,

so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.org/project/pyasn1>).

If

something does not work as expected,
[open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or
post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>)
or try browsing pyasn1
[mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/codecs/ber/eoo.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/type/test_tag.py
*

```

/etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/type/useful.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/type/test_constraint.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/type/namedval.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/codec/native/__main__.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/compat/string.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/codec/native/decoder.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/error.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/test_debug.py

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ASN.1 library for Python

=====

```
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    :maxdepth: 1
```

Abstract Syntax Notation One (ASN.1
<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.org/project/pyasn1/>> library implements ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <<https://developers.google.com/protocol-buffers/>> or `FlatBuffers` <<https://google.github.io/flatbuffers/>>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- * Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- * Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as

recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- * Signaling standards for the public switched telephone network (SS7 family)
- * Network management standards (SNMP, CMIP)
- * Directory standards (X.500 family, LDAP)
- * Public Key Infrastructure standards (X.509, etc.)
- * PBX control (CSTA)
- * IP-based Videoconferencing (H.323 family)
- * Biometrics (BIP, CBEFF, ACBio)
- * Intelligent transportation (SAE J2735)
- * Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the ``statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation

```
.. toctree::  
    :maxdepth: 2  
  
/pyasn1/contents
```

Use case

```
.. toctree::
    :maxdepth: 2
```

/example-use-case

Download & Install

```
.. toctree::
    :maxdepth: 2
```

/download

Changes

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

```
..
toctree::
    :maxdepth: 1
```

/changelog

License

The PyASN1 software is distributed under 2-clause BSD License.

```
.. toctree::
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```

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Getting help

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>`_ and `PRs` <<https://github.com/etingof/pyasn1/pulls>>`_ at GitHub. Alternatively, you could ask for help at `Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>`_ or search `pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>`_ mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome books:

- * `ASN.1 - Communication between heterogeneous systems <<http://www.oss.com/asn1/dubuisson.html>>` _ by Olivier Dubuisson
- * `ASN.1 Complete <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` _ by Prof John Larmouth

Here you can get the official standards which is hard to read:

- * `ITU standards
<<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` _

On the other end of the readability spectrum, here is a quick and sweet write up:

- * `A Layman's Guide to a Subset of ASN.1, BER, and DER <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>` _ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

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1.67 bzip2 1.0.8

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.68 libcap-ng 0.8.2

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.71 net-tools 2.10

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1.72 python3-bcrypt 3.2.0

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1.73 python-chardet 4.0.0

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Any executables

containing that work also fall under Section 6,
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That's all there is to it!

1.74 python3-automat 20.2.0

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1.75 keyutils 1.6.1

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```
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```
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1.81 python3-pyserial 3.5

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1.85 sed 4.8

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1.86 hwloc 1.11.13

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1.87 python3-pexpect 4.8.0

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1.88 eudev 3.2.10

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1.92 parted 3.4

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1.101 python3-ptyprocess 0.7.0

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1.102 iptables 1.8.7

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1.103 gettext 0.21

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@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute

the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.104 pam-ldap 184

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+convey the exclusion of warranty; and each file should have at least
+the "copyright" line and a pointer to where the full notice is found.

+

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+

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+

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+

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```

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+
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+
+ <signature of Ty Coon>, 1 April 1989
+ Ty Coon, President of Vice
+
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diff -Naur archiver-work.orig/temp/run.do_patch.20509 archiver-work.patched/temp/run.do_patch.20509
--- archiver-work.orig/temp/run.do_patch.20509 1970-01-01 00:00:00.000000000 +0000
+++ archiver-work.patched/temp/run.do_patch.20509 2019-10-10 16:44:40.842809139 +0000
@@ -0,0 +1,73 @@
+def do_patch(d):
+    bb.build.exec_func('patch_do_patch', d)
+
+do_patch(d)
+
+def patch_do_patch(d):
+
+    import oe.patch
+
+    patchsetmap = {
+        "patch": oe.patch.PatchTree,
+        "quilt": oe.patch.QuiltTree,
+        "git": oe.patch.GitApplyTree,
+    }
+
+    cls = patchsetmap[d.getVar('PATCHTOOL') or 'quilt']
+
+    resolvermap = {
+        "noop": oe.patch.NOOPResolver,
+        "user": oe.patch.UserResolver,
+    }
+
+    rcls = resolvermap[d.getVar('PATCHRESOLVE') or 'user']
+
+    classes = {}
+
+    s = d.getVar('S')

```

```

+
+ os.putenv('PATH', d.getVar('PATH'))
+
+ # We must use one TMPDIR per process so that the "patch" processes
+ # don't generate the same temp file name.
+
+ import tempfile
+ process_tmpdir = tempfile.mkdtemp()
+ os.environ["TMPDIR"] = process_tmpdir
+
+ for patch in src_patches(d):
+     _, _, local, _, _, parm = bb.fetch.decodeurl(patch)
+
+     if "patchdir" in parm:
+         patchdir = parm["patchdir"]
+         if not os.path.isabs(patchdir):
+             patchdir = os.path.join(s, patchdir)
+
+     else:
+         patchdir = s
+
+     if not patchdir in classes:
+         patchset = cls(patchdir, d)
+         resolver = rcls(patchset, oe_terminal)
+         classes[patchdir] = (patchset, resolver)
+         patchset.Clean()
+     else:
+         patchset, resolver = classes[patchdir]
+
+     bb.note("Applying patch '%s' (%s)" % (parm['patchname'], oe.path.format_display(local, d)))
+     try:
+         patchset.Import({"file":local, "strippath": parm['striplevel']}, True)
+     except Exception as exc:
+         bb.utils.remove(process_tmpdir, True)
+         bb.fatal(str(exc))
+
+     try:
+         resolver.Resolve()
+     except bb.BBHandledException as e:
+         bb.utils.remove(process_tmpdir, True)
+         bb.fatal(str(e))
+
+     bb.utils.remove(process_tmpdir, True)
+     del os.environ["TMPDIR"]
+
+ def src_patches(d, all=False, expand=True):
+     import oe.patch
+     return oe.patch.src_patches(d, all, expand)
+

```

```

diff
-Naur archiver-work.orig/temp/run.patch_do_patch.20509 archiver-work.patched/temp/run.patch_do_patch.20509
--- archiver-work.orig/temp/run.patch_do_patch.20509 1970-01-01 00:00:00.000000000 +0000
+++ archiver-work.patched/temp/run.patch_do_patch.20509 2019-10-10 16:44:40.843809151 +0000
@@ -0,0 +1,70 @@
+def patch_do_patch(d):
+    import oe.patch
+
+
+    patchsetmap = {
+        "patch": oe.patch.PatchTree,
+        "quilt": oe.patch.QuiltTree,
+        "git": oe.patch.GitApplyTree,
+    }
+
+    cls = patchsetmap[d.getVar('PATCHTOOL') or 'quilt']
+
+
+    resolvermap = {
+        "noop": oe.patch.NOOPResolver,
+        "user": oe.patch.UserResolver,
+    }
+
+    rcls = resolvermap[d.getVar('PATCHRESOLVE') or 'user']
+
+
+    classes = {}
+
+    s = d.getVar('S')
+
+    os.putenv('PATH', d.getVar('PATH'))
+
+
+    # We must use one TMPDIR per process so that the "patch" processes
+    # don't generate the same temp file name.
+
+
+    import tempfile
+    process_tmpdir = tempfile.mkdtemp()
+
+    os.environ['TMPDIR'] = process_tmpdir
+
+
+    for patch in src_patches(d):
+        _, _, local, _, _, parm = bb.fetch.decodeurl(patch)
+
+
+        if "patchdir" in parm:
+            patchdir = parm["patchdir"]
+            if not os.path.isabs(patchdir):
+                patchdir = os.path.join(s, patchdir)
+        else:
+            patchdir = s
+
+
+        if not patchdir in classes:

```



```

+     patchset = cls(patchdir, d)
+     resolver = rcls(patchset, oe_terminal)
+     classes[patchdir] = (patchset, resolver)
+     patchset.Clean()
+ else:
+     patchset, resolver = classes[patchdir]
+
+     bb.note("Applying patch '%s' (%s)" % (parm['patchname'], oe.path.format_display(local, d)))
+     try:
+         patchset.Import({"file":local, "strippath": parm['striplevel']], True)
+     except Exception as exc:
+         bb.utils.remove(process_tmpdir, True)
+         bb.fatal(str(exc))
+     try:
+         resolver.Resolve()
+
+     except bb.BBHandledException as e:
+         bb.utils.remove(process_tmpdir, True)
+         bb.fatal(str(e))
+
+     bb.utils.remove(process_tmpdir, True)
+     del os.environ["TMPDIR"]
+
+patch_do_patch(d)
+
+def src_patches(d, all=False, expand=True):
+     import oe.patch
+     return oe.patch.src_patches(d, all, expand)
+

```

Found in path(s):

* /initscripts-1-0-r155-tar-bz2/initscripts-1.0-r155-diff.gz.dir/initscripts-1.0-r155-diff

1.108 tcl 8.6.11

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I would like to thank the following people (in alphabetical order):

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- ARM Ltd, for donating a copy of "ARM Architecture Reference Manual".

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- FSF France, for providing me with access to the GCC Compile Farm.
- SourceForge, for their excellent open source development platform.

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If I've missed anyone, it's due to oversight. Drop me a line and I'll rectify the situation as quickly as possible.

1.110 bc 1.07.1

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Version 3, 29 June 2007

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1.114 python 2.7.18

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A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2 and above | 2.1.1 | 2001-now | | |
| PSF | | | | yes |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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1.117 openosc 1.0.5

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1.118 expat 2.5.0

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1.119 xoslib 8.0.0.21

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Found in path(s):

* /xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/configure.ac

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8.0.0.21/include/xos_if_nxos.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_if_shim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_infra.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_ipc.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_list.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_magic.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_md5.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_mem_mgmt.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_mem_named.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_mgd_timers.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_netinfra.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_netinfra_nxos.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_pak.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_pak_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_passive_timers.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_action.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_c3pl.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_match.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_shim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_target.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_plc_types.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_ppm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_queue.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_radix.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_random.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_rbtrees.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_registry.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rtg.h/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rtg_event.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rtg_l3_ucast.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rtg_shim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_sm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_sm_compile.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_sysinfo.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_thread.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_time_utils.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_time_utils_base.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_timer_wheels.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_types.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_vrf.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_vrf_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_wavl.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xtf.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xtf_event_checker.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/linux/include/xos_if_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/linux/include/xos_pak_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/linux/include/xos_vrf_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/m4/ax_cflags_gcc_option.m4#

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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_atomic_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_magic_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_mem_named_internal.h
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_mem_shm_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_thread_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/internal_inc/xos_util_internal.h/*

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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_attr.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_debug.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_fc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_msg.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_sig.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_sig_condvar.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ring.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ring.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_mgmt.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_mgmt_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named.c/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named_internal.c
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named_priv.h/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_safe_shm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_shm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_shm_priv.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_vchunk.c/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_vchunk_intern.h
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_vchunk_priv.h
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/net/xos_addr_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/net/xos_addr_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/net/xos_async.c/*

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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_async_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_lnx_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_netinfra.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_netinfra_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_priv_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf_debug.h/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/sysinfo/xos_sysinfo.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/threads/xos_thread.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/threads/xos_thread_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_non_ion_posix.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_passive_timers.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_passive_timers_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_base_non_blob.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_base_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_common.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_non_blob.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_timer_wheels.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_timer_wheels_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/Utils/xos_atomic.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/Utils/xos_atomic_mips.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/Utils/xos_atomic_ppc.c/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_atomic_sparc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_atomic_x86.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_atomic_x86_64bi.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_avl.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_avl_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_bitlist.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_bitlist_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerr_cerrnos.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerr_cerrnos.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerrno.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerrno_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerrno_shm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cerrno_shm_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cli_prt.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_cli_prt_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_dqueue.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_hashmap.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_hashset.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_idm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_idm_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_infra.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_intrpt.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_intrpt_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utls/xos_lib_init.c/*****

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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_list.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_list_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_md5.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_ppm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_queue.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_radix.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_radix_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_random.c/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_rbtrees.c/*
$Id: rbtrees.c,v 1.5 1999/03/18 01:24:22 richl Exp $
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_rbtrees_priv.h/* $Id: rbtrees.h,v 1.2 1998/10/06 01:06:52 kparne Exp $
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_registry.c/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_sm.c/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_strings.c/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_strings.h/*-----
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_util_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_wavl.c/*
$Id: wavl.c,v 3.2.62.4 1996/09/07 02:08:29 snyder Exp $
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utls/xos_wavl_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/exec_show_xos_dm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_cli_priv.h/* $Id:
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_io_kq.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
```

8.0.0.21/shared/src/xdm/xos_dm_io_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_priv_inx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_timers_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_watched.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_watched_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_debug_log_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_debug_trace.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_debug_trace_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_debug_trace_priv_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_trace.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdt/xos_trace_buffer_dump.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xos_test_main.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xos_test_setup.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xos_test_setup.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xostrace.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xtf.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent_inx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent_shared.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_agent_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/infra/xtf_evc.c/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xtf_evc_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xtf_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xtf_self_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xtf_shared.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/ipc/xos_ipc_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/ipc/xos_ipc_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/ipc/xos_ipc_test_cs.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/ipc/xos_ipc_test_ecs.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/ipc/xos_ring_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/memory/xos_mem_mgmt_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/memory/xos_mem_mgmt_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/memory/xos_mem_named_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/memory/xos_mem_named_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/memory/xos_mem_vchunk_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_addr_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test_sim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test_sim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_if_test_sim_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_netinfra_dump_notifications.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_netinfra_test.c/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_pak_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_pak_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_plc_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_plc_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_plc_test_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_plc_test_sim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_rtg_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_rtg_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_rtg_test_lnx.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_vrf_test.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_vrf_test_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/sysinfo/xos_sysinfo_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/threads/xos_thread_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/threads/xos_thread_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_dm_timer_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_mgd_timers_test.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_time_utils_base_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_time_utils_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_time_utils_test_priv.h/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/time/xos_timer_wheels_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/ios_sm_test.sm/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_atomic_test.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_bitlist_test_priv.h/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_cerrno_test_client.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_cerrno_test_client_1.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_cerrno_test_client_3.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_cerrno_test_client_4.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_cerrno_test_client_5.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_dqueue_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_dqueue_test_priv.h/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_idm_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_idm_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_infra_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/utlis/xos_list_test.c/*

```

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_list_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_md5_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_md5_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_ppm_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_queue_test.c
/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_queue_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_radix_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_radix_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_random_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_random_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_rbtrees_test.c
/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_rbtrees_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_reg_test.c/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_reg_test.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_reg_test.xreg#if 1 /*
CHECKSUM: checksum visible to CC when included in _xreg[ch] files */
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_reg_test.xregc/* This file is machine generated from xos_reg_test.xreg.
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_reg_test.xregh/* This file is machine generated from xos_reg_test.xreg.
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_sm_basic_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_sm_basic_test.sm/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_sm_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_sm_test.sm/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utls/xos_sm_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

```

8.0.0.21/test/src/utils/xos_wavl_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_wavl_test_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/xdm/xos_dm_socket_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/xdm/xos_dm_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/xdm/xos_dm_xd_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/xdt/xos_debug_trace_test.c/*

Found
in path(s):
*

1.120 u-boot 2010.06

1.120.1 Available under license :

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Upstream-Name: rdma-core

Upstream-Contact: Doug Ledford <dledford@redhat.com>,
Leon Romanovsky <Leon@kernel.org>

Source: <https://github.com/linux-rdma/rdma-core>

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@c ispell-local-pdict: "ispell-dict"

@c End:

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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Any

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Ty Coon, President of Vice

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stand

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The

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```

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Version 3, 29 June 2007

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+++++

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Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation

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Steve Chamberlain made gas able to generate listings.

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Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

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The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

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Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

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Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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1.124 binutils 2.37.50

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under

copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
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- d) If a facility in the modified

Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves,

then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may

distribute the object code for the work under the terms of Section 6.

Any

executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed

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[This is the first released version of the library GPL. It is
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To protect your rights, we need to make restrictions that forbid
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For example, if you distribute copies of the library, whether gratis
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code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the

users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

be optional: if the application does not supply it, the square

root function must still compute square roots.)

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mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
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<signature of Ty Coon>, 1 April 1990

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding machine-readable

source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Version 3, 29 June 2007

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The precise terms and conditions for copying, distribution and modification follow.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The

"System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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section 10

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Version 3, 29 June 2007

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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data

prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices

stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition,

mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of

the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year>

<name of author>

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Also add information on how to contact you by electronic and paper mail.

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@appendix GNU GENERAL PUBLIC LICENSE

@c The GNU General Public License.

@center Version 3, 29 June 2007

@c This file is intended to be included within another document,

@c hence no sectioning command or @node.

@display

Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}

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@heading Preamble

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For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish

to avoid the special danger that patents applied to a free program could make it effectively proprietary.

To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

@enumerate 0

@item Definitions.

``This License" refers to version 3 of the GNU General Public License.

``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

``The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as ``you". ``Licensees" and ``recipients" may be individuals or organizations.

To ``modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ``modified version" of the earlier work or a work ``based on" the earlier work.

A ``covered work" means either the unmodified Program or a work based on the Program.

To ``propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ``convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays ``Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the

work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

@item Source Code.

The ``source code" for a work means the preferred form of the work for making modifications to it. ``Object code" means any non-source form of a work.

A ``Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The ``System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A ``Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The ``Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

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Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

@item Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

@item Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice;

keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

@item

Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

@item

You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

@item

If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

@end enumerate

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an

“aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

@item Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

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@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

@item

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be

on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

@end enumerate

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A ``User Product'' is either (1) a ``consumer product'', which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, ``normally used'' refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

``Installation Information'' for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User

Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

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@enumerate a

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1.126 lvm2 1.02.175

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

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* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*/

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1.129 perl 5.34.1

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Upstream-Contact: Doug Ledford <dledford@redhat.com>,

Leon Romanovsky <Leon@kernel.org>

Source: <https://github.com/linux-rdma/rdma-core>

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The hypothetical commands

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
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Version 3, 29 June 2007

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1.132 perl 5.34.0

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```
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```

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```
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```

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

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1.133 libtasn 4.17.0

1.133.1 Available under license :

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Version 3, 29 June 2007

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```
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```

```
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1.135 libtasn 4.16.0

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Version: 1.5
Release: 1
Summary: Create and remove virtual network interfaces

Group: Applications/System
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%description

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rm -rf \$RPM_BUILD_ROOT

make DESTDIR=\$RPM_BUILD_ROOT install

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* Wed Jul 9 2008 Henrik Nordstrom <henrik@henriknordstrom.net> 1.5-1

- Update to version 1.5

* Tue Jul 8 2008 Henrik Nordstrom <henrik@henriknordstrom.net> 1.4-3

- Packaged tunctl as a upstream

package of it's own

* Tue Mar 25 2008 Lubomir Kundrak <lkundrak@redhat.com> 1.4-2
- Move to sbin (Marek Mahut, #434583)

* Fri Feb 22 2008 Lubomir Kundrak <lkundrak@redhat.com> 1.4-1
- Initial packaging

Found in path(s):

* /tunctl-1-5-1-tar-gz/tunctl-1.5/tunctl.spec

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* /tunctl-1-5-1-tar-gz/tunctl-1.5/tunctl.c

1.141 numactl 2.0.16

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References

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<http://www.aleksey.com/pipermail/xmlsec/2003/005488.html>

<http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm>

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1.145 cpprest 2.10.18

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DRuntime: Runtime Library for the D Programming Language

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Version 3, 29 June 2007

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1.147 nvme-cli 1.13

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1.149 python3-pyopenssl 22.0.0

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1.150 python3-pycparser 2.21

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pycparser -- A C parser in Python

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1.151 sedutil 1.20.0

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section 10

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```
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```

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1.152 multipart-parser-c NA

1.152.1 Available under license :

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```
/* Based on node-formidable by Felix Geisendörfer
* Igor Afonov - afonov@gmail.com - 2012
* MIT License - http://www.opensource.org/licenses/mit-license.php
*/
```

Found in path(s):

```
* /multipart-parser-c-master-3-zip/multipart-parser-c-master/multipart_parser.h
```


* /multipart-parser-c-master-3-zip/multipart-parser-c-master/multipart_parser.c

1.153 common-base3 1.0

1.153.1 Available under license :

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/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/common.pyo: binary file matches
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_base.pyo: binary file matches

Found in path(s):

* /bin/grep

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

Metadata-Version: 1.0

Name: common-base

Version: 1.0

Summary: common-base

Home-page: UNKNOWN

Author: UNKNOWN

Author-email: UNKNOWN

License: UNKNOWN

Description: UNKNOWN

Platform: UNKNOWN

Found in path(s):

* /common-base3-1-0-tar-gz/common-base3-1.0/EGG-INFO/PKG-INFO

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Found in path(s):

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/provisioner_service.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/diagnostic_archive_util.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/enum.py

* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/__init__.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/product.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/tests/test.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/nameservice.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/ftp.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/__init__.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/tftp.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/base_message_server.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_coroutine_server.py

*

```

/common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/base_conf.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/log.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/encryption_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_base.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/daemon.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/clear_password_fields.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/socket_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/upgrade_server.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/provisioner_events.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_coroutine_client.py
*
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/name_svc_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/base_transfer_proto.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/base.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_server.py
* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/upgrade_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_coroutine_client.py
* /common-base3-1-0-tar-gz/common-base3-
1.0/common_base/messageq/tests/tests_asa_provisioner_service_provider.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/product.py.orig
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/asa_provisioner_service_provider.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/http.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/tests/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/name_server.py
*
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/common.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/auth_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/daemon.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/console_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/base_message_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/db_version_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/client.py

```

1.154 qed-driv 8.59.10.0

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1.155 qede-drv 8.59.10.0

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1.163 fbset-modes 0.1.0

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```
* /fbset-2-1-orig-tar-gz/fbset-2.1/modes.y
* /fbset-2-1-orig-tar-gz/fbset-2.1/modes.l
```

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```
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 *
 * Petr Vandrovec <vandrove@vc.cvut.cz>:
 *     -grayscale, -rgba, -nonstd, VGA modes reporting
 *
 * Brad Midgley <brad@exodus.pht.com>:
 *     -match
 */
```

Found in path(s):

```
* /fbset-2-1-orig-tar-gz/fbset-2.1/fbset.c
```

1.164 jsmn

6572217a0e71fdc13c9ea5571203187f383665e
0

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1.165 csrp 1.0

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1.166 mongoose-web-server 3.5

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1.167 pythonurllib 1.26.18

1.167.1 Available under license :

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1.168 kerberos 1.17.2

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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
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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
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lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
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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/iprof_hdr.h
kadmin/server/iprof_svc.c
lib/kdb/iprof.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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iotop - interactive monitor of Linux IO activity

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```

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1.171 usleep 1.0

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1.173 gpt-fdisk 1.0.8

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libtraceevent(3)

=====

NAME

tep_get_any_field_val, tep_get_common_field_val, tep_get_field_val,
tep_get_field_raw - Get value of a field.

SYNOPSIS

[verse]

--

#include <event-parse.h>

#include <trace-seq.h>

```

int *tep_get_any_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_common_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char pass:[*]_name_,
struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
void pass:[*] *tep_get_field_raw*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_,
const char pass:[*]_name_, struct tep_record pass:[*]_record_, int pass:[*]_len_, int _err_);
--

```

DESCRIPTION

These functions can be used to find a field and retrieve its value.

The `*tep_get_any_field_val()` function searches in the `_record_` for a field with `_name_`, part of the `_event_`. If the field is found, its value is stored in `_val_`. If there is an error and `_err_` is not zero, then an error string is written into `_s_`.

The `*tep_get_common_field_val()` function does the same as `*tep_get_any_field_val()`, but searches only in the common fields. This works for any event as all events include the common fields.

The `*tep_get_field_val()` function does the same as `*tep_get_any_field_val()`, but searches only in the event specific fields.

The `*tep_get_field_raw()` function searches in the `_record_` for a field with `_name_`, part of the `_event_`. If the field is found, a pointer to where the field exists in the record's raw data is returned. The size of the data is stored in `_len_`. If there is an error and `_err_` is not zero, then an error string is written into `_s_`.

RETURN VALUE

The `*tep_get_any_field_val()`, `*tep_get_common_field_val()` and `*tep_get_field_val()` functions return 0 on success, or -1 in case of an error.

The `*tep_get_field_raw()` function returns a pointer to field's raw data, and places the length of this data in `_len_`. In case of an error NULL is returned.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

```
#include <trace-seq.h>
```

```

...
struct tep_handle *tep = tep_alloc();
...
struct tep_event *event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
...
void process_record(struct tep_record *record)
{
    int len;
    char *comm;
    struct tep_event *event;
    unsigned long long val;

    event = tep_find_event_by_record(tep, record);
    if (event != NULL) {
        if (tep_get_common_field_val(NULL, event, "common_type",
            record, &val, 0) == 0) {
            /* Got the value of common type field */
        }
        if (tep_get_field_val(NULL, event,
            "pid", record, &val, 0) == 0) {
            /* Got the value of pid specific field */
        }
        comm = tep_get_field_raw(NULL, event, "comm", record, &len, 0);
        if (comm != NULL) {
            /* Got a pointer to the comm event specific field */
        }
    }
}
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs. Trace sequences are used to allow a function to call several other functions to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-field_get_val.txt

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libtraceevent(3)

=====

NAME

tep_set_loglevel - Set log level of the library

SYNOPSIS

[verse]

--

#include <event-parse.h>

```
enum *tep_loglevel* {  
    TEP_LOG_NONE = 0,  
    TEP_LOG_CRITICAL,  
    TEP_LOG_ERROR,  
    TEP_LOG_WARNING,  
    TEP_LOG_INFO,  
    TEP_LOG_DEBUG,  
    TEP_LOG_ALL  
};
```

```
int *tep_set_loglevel*(enum tep_loglevel _level_);
```


--

DESCRIPTION

The `*tep_set_loglevel()` function sets the level of the library logs that will be printed on the console. Library log levels are:

[verse]

--

`_TEP_LOG_NONE_` - Do not print any logs.

`_TEP_LOG_CRITICAL_` - Print critical logs, problem that may cause a crash.

`_TEP_LOG_ERROR_` - Print error logs, problem that could break the main logic of an API.

`_TEP_LOG_WARNING_` - Print warnings, problem that could limit the result of an API.

`_TEP_LOG_INFO_` - Print information about normal execution of an API.

`_TEP_LOG_DEBUG_` - Print debug information.

`_TEP_LOG_ALL_`

- Print logs from all levels.

--

Setting the log level to specific value means that logs from the previous levels will be printed too. For example `_TEP_LOG_WARNING_` will print any logs with severity `_TEP_LOG_WARNING_`, `_TEP_LOG_ERROR_` and `_TEP_LOG_CRITICAL_`. The default log level is `_TEP_LOG_CRITICAL_`.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

```
tep_set_loglevel(TEP_LOG_ALL);
```

...

```
/* call libtraceevent APIs and observe any logs they produce */
```

...

```
tep_set_loglevel(TEP_LOG_CRITICAL);
```

--

FILES

[verse]

--

`*event-parse.h*`

Header file to include in order to have access to the library APIs.

`*-ltraceevent*`

Linker switch to add when building a program that uses the library.

--

SEE ALSO

`*libtraceevent*(3)`, `*trace-cmd*(1)`

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

kbuffer_timestamp, kbuffer_subbuf_timestamp -

Functions that read various data of a kbuffer descriptor

SYNOPSIS

[verse]

--

#include <kbuffer.h>

unsigned long long *kbuffer_timestamp*(struct kbuffer pass:[*]_kbuf_);

unsigned long long *kbuffer_subbuf_timestamp*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuf_);

--

DESCRIPTION

The function *kbuffer_timestamp()* returns the timestamp of the current event of _kbuf_.

The function *kbuffer_subbuf_timestamp()* returns the timestamp for the sub-buffer

that was loaded in `_kbuf_`. This usually is (but not guaranteed to be) the timestamp of the first event on the sub-buffer.

The function `*kbuffer_start_of_data()` returns the offset of where the delta

RETURN VALUE

`*kbuffer_read_event()` returns the event that the `_kbuf_` descriptor is currently at, or NULL if the last event was passed (by `*kbuffer_next_event()`).

`*kbuffer_next_event()`

returns the next event after the current event or NULL if there are no more events.

`*kbuffer_read_at_offset()` returns the event at a given `_offset_` from the start of the sub-buffer stored in `_kbuf_`, or NULL if there exists no event. Note, `_offset_` only needs to be an offset that lands on the record, or is at the start of it. It does not need to be exactly at the beginning of the record.

`*kbuffer_missed_events()` returns 0 if there were no missed events before loaded sub-buffer. Returns -1 if there were an unknown number of missed events, or if the number of missed events is known, that number will be returned.

`*kbuffer_event_size()` returns the size of the data payload of the current event of `_kbuf_`.

`*kbuffer_curr_size()` returns the size of the entire record of the current event of `_kbuf_`. This includes the size of the meta data for that record.

`*kbuf_curr_offset()` returns the offset of the current record from the beginning of the `_kbuf_` sub-buffer.

`*kbuf_curr_index()` returns the index of the current record from the beginning of the `_kbuf_` data section.

EXAMPLE

[source,c]

--

```
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>

#include <kbuffer.h>
```

```
int main (int argc, char **argv)
```

```

{
    unsigned long long ts;
    struct kbuffer *kbuf;
    struct stat st;
    char *buf;
    void *event;
    int save_offset = -1;
    int record_size;
    int offset;
    int index;
    int size;
    int ret;
    int fd;
    int i = 0;

    if (argc < 2) {
        printf("usage: %s raw-subbuffer-page\n", argv[0]);
        printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
        exit(0);
    }

    if (stat(argv[1], &st) < 0) {
        perror("stat");
        exit(-1);
    }

    buf = malloc(st.st_size);
    if (!buf) {
        perror("Allocating buffer");
        exit(-1);
    }

    fd = open(argv[1], O_RDONLY);
    if (fd < 0) {
        perror(argv[1]);
        exit(-1);
    }

    ret = read(fd, buf, st.st_size);
    if (ret < 0) {
        perror("Reading
buffer");
        exit(-1);
    }
    close(fd);

    kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
        KBUFFER_LSIZE_SAME_AS_HOST);

```

```

if (!kbuf) {
    perror("Creating kbuffer");
    exit(-1);
}
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
    perror("Loading sub bufer");
    exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
    fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
        kbuffer_subbuffer_size(kbuf), st.st_size);
    exit(-1);
}

ret = kbuffer_missed_events(kbuf);
if (ret) {
    if (ret > 0)
        printf("Missed %d events before this buffer\n", ret);
    else
        printf("Missed unknown number of events before this buffer\n");
}
do {
    event = kbuffer_read_event(kbuf, &ts);
    if (event) {
        record_size = kbuffer_curr_size(kbuf);
        offset = kbuffer_curr_offset(kbuf);
        index = kbuffer_curr_index(kbuf);
        size = kbuffer_event_size(kbuf);

        if (i == 20)
            save_offset = offset;
        printf(" event %3d ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n",
            i++, ts, record_size, size, index, offset);
        event = kbuffer_next_event(kbuf, NULL);
    }
} while (event);

if (!event)
    printf("Finished sub buffer\n");

if (save_offset > 0) {
    event = kbuffer_read_at_offset(kbuf, save_offset, &ts);
    if (!event) {
        fprintf(stderr, "Funny, can't find event 20 at offset %d\n", save_offset);
        exit(-1);
    }
}

```

```

}
record_size = kbuffer_curr_size(kbuf);
offset = kbuffer_curr_offset(kbuf);
index = kbuffer_curr_index(kbuf);
size = kbuffer_event_size(kbuf);

printf("\n saved event 20 ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n",
      ts, record_size, size, index, offset);
}
kbuffer_free(kbuf);

return 0;
}

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>,

author of ***libtraceevent***.

--

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libtraceevent(3)

=====

NAME

tep_list_events, tep_list_events_copy -
Get list of events, sorted by given criteria.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
enum *tep_event_sort_type* {  
    _TEP_EVENT_SORT_ID_,  
    _TEP_EVENT_SORT_NAME_,  
    _TEP_EVENT_SORT_SYSTEM_,  
};
```

```
struct tep_event pass:[*]pass:[*]*tep_list_events*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type  
_sort_type_);  
struct tep_event pass:[*]pass:[*]*tep_list_events_copy*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type  
_sort_type_);
```

--

DESCRIPTION

The `*tep_list_events()` function returns an array of pointers to the events, sorted by the `_sort_type_` criteria. The last element of the array is NULL. The returned memory must not be freed, it is managed by the library. The function is not thread safe. The `_tep_` argument is trace event parser context. The `_sort_type_` argument is the required sort criteria:

[verse]

--

`_TEP_EVENT_SORT_ID_` -
sort by the event ID.
`_TEP_EVENT_SORT_NAME_` - sort by the event (name, system, id) triplet.
`_TEP_EVENT_SORT_SYSTEM_` - sort by the event (system, name, id) triplet.

--

The `*tep_list_events_copy()` is a thread safe version of `_tep_list_events()`. It has the same behavior, but the returned array is allocated internally and must be freed by the caller. Note that the content of the array must not be freed (see the EXAMPLE below).

RETURN VALUE

The `*tep_list_events()` function returns an array of pointers to events.
In case of an error, NULL is returned. The returned array must not be freed,
it is managed by the library.

The `*tep_list_events_copy()` function returns an array of pointers to events.
In case of an error, NULL is returned. The returned array must be freed by
the caller.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int i;
struct tep_event_format **events;

i=0;
events =
    tep_list_events(tep, TEP_EVENT_SORT_ID);
if (events == NULL) {
    /* Failed to get the events, sorted by ID */
} else {
    while(events[i]) {
        /* walk through the list of the events, sorted by ID */
        i++;
    }
}

i=0;
events = tep_list_events_copy(tep, TEP_EVENT_SORT_NAME);
if (events == NULL) {
    /* Failed to get the events, sorted by name */
} else {
    while(events[i]) {
        /* walk through the list of the events, sorted by name */
        i++;
    }
    free(events);
}

...
--
```


FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_register_comm, tep_override_comm, tep_is_pid_registered,

tep_data_comm_from_pid, tep_data_pid_from_comm, tep_cmdline_pid -

Manage pid to process name mappings.

SYNOPSIS

```
-----  
[verse]  
--  
*#include <event-parse.h>  
  
int *tep_register_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);  
int *tep_override_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);  
bool *tep_is_pid_registered*(struct tep_handle pass:[*]_tep_, int _pid_);  
const char pass:[*]*tep_data_comm_from_pid*(struct tep_handle pass:[*]_pevent_, int _pid_);  
struct cmdline pass:[*]*tep_data_pid_from_comm*(struct tep_handle pass:[*]_pevent_, const char pass:[*]_comm_,  
struct cmdline pass:[*]_next_);  
int *tep_cmdline_pid*(struct tep_handle pass:[*]_pevent_, struct cmdline pass:[*]_cmdline_);  
--
```

DESCRIPTION

These functions can be used to handle the mapping between pid and process name. The library builds a cache of these mappings, which is used to display the name of the process, instead of its pid. This information can be retrieved from tracefs/saved_cmdlines file.

The `*tep_register_comm()*` function registers a `_pid_ / process name` mapping. If a command with the same `_pid_` is already registered, an error is returned. The `_pid_` argument is the process ID, the `_comm_` argument is the process name, `_tep_` is the event context. The `_comm_` is duplicated internally.

The `*tep_override_comm()*` function registers a `_pid_ / process name` mapping. If a process with the same pid is already registered, the process name string is adapted with the new one. The `_pid_` argument is the process ID, the `_comm_` argument is the process name, `_tep_` is the event context. The `_comm_` is duplicated internally.

The `*tep_is_pid_registered()*` function checks if a pid has a process name mapping registered. The `_pid_` argument is the process ID, `_tep_` is the event context.

The

`*tep_data_comm_from_pid()*` function returns the process name for a given pid. The `_pid_` argument is the process ID, `_tep_` is the event context. The returned string should not be freed, but will be freed when the `_tep_` handler is closed.

The `*tep_data_pid_from_comm()*` function returns a pid for a given process name. The `_comm_` argument is the process name, `_tep_` is the event context. The argument `_next_` is the cmdline structure to search for the next pid. As there may be more than one pid for a given process, the result of this call

can be passed back into a recurring call in the `_next_` parameter, to search for the next pid. If `_next_` is NULL, it will return the first pid associated with the `_comm_`. The function performs a linear search, so it may be slow.

The `*tep_cmdline_pid()` function returns the pid associated with a given `_cmdline_`. The `_tep_` argument is the event context.

RETURN VALUE

`*tep_register_comm()` function returns 0 on success. In case of an error -1 is returned and `errno` is set to indicate the cause of the problem: ENOMEM, if there is not enough memory to duplicate the `_comm_` or EEXIST if a mapping for this `_pid_` is already registered.

`*tep_override_comm()` function returns 0 on success. In case of an error -1 is returned and `errno` is set to indicate the cause of the problem: ENOMEM, if there is not enough memory to duplicate the `_comm_`.

`*tep_is_pid_registered()` function returns true if the `_pid_` has a process name mapped to it, false otherwise.

`*tep_data_comm_from_pid()` function returns the process name as string, or the string "<...>" if there is no mapping for the given pid.

`*tep_data_pid_from_comm()` function returns a pointer to a struct `cmdline`, that holds a pid for a given process, or NULL if none is found. This result can be passed back into a recurring call as the `_next_` parameter of the function.

`*tep_cmdline_pid()` functions returns the pid for the give cmdline. If `_cmdline_` is NULL, then -1 is returned.

EXAMPLE

The

following example registers pid for command "ls", in context of event `_tep_` and performs various searches for pid / process name mappings:

[source,c]

--

```
#include <event-parse.h>
```

```
...
```

```
int ret;
```

```
int ls_pid = 1021;
```

```
struct tep_handle *tep = tep_alloc();
```

```
...
```

```
ret = tep_register_comm(tep, "ls", ls_pid);
```

```
if (ret != 0 && errno == EEXIST)
```

```
    ret = tep_override_comm(tep, "ls", ls_pid);
```

```

if (ret != 0) {
    /* Failed to register pid / command mapping */
}
...
if (tep_is_pid_registered(tep, ls_pid) == 0) {
    /* Command mapping for ls_pid is not registered */
}
...
const char *comm = tep_data_comm_from_pid(tep, ls_pid);
if (comm) {
    /* Found process name for ls_pid */
}
...
int pid;
struct cmdline *cmd = tep_data_pid_from_comm(tep, "ls", NULL);
while (cmd) {
    pid = tep_cmdline_pid(tep, cmd);
    /* Found pid for process "ls" */
    cmd = tep_data_pid_from_comm(tep, "ls", cmd);
}

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access
to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_alloc, tep_free, tep_ref, tep_unref, tep_get_ref, tep_kbuffer - Create, destroy, manage references of trace event parser context.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
struct tep_handle pass:[*]*tep_alloc*(void);
void *tep_free*(struct tep_handle pass:[*]_tep_);
void *tep_ref*(struct tep_handle pass:[*]_tep_);
void *tep_unref*(struct tep_handle pass:[*]_tep_);
int *tep_get_ref*(struct tep_handle pass:[*]_tep_);
struct kbuffer pass:[*]*tep_kbuffer*(struct tep_handle pass:[*]_tep_);
--
```

DESCRIPTION

These are the main functions to create and destroy `tep_handle` - the main structure, representing the trace event parser context. This context is used as the input parameter of most library APIs.

The `*tep_alloc()` function allocates and initializes the `tep` context.

The `*tep_free()` function will decrement the reference of the `_tep_` handler. When there is no more references, then it will free the handler, as well as clean up all its resources that it had used. The argument `_tep_` is the pointer to the trace event parser context.

The `*tep_ref()` function adds a reference to the `_tep_` handler.

The `*tep_unref()*` function removes a reference from the `_tep_` handler. When the last reference is removed, the `_tep_` is destroyed, and all resources that it had used are cleaned up.

The `*tep_ref_get()*` functions gets the current references of the `_tep_` handler.

The `*tep_kbuffer()*` function allocates a kbuffer descriptor that can be used to parse raw data that is represented by the `_tep_` handle descriptor. It must be freed with `*kbuf_free(3)*`.

RETURN VALUE

`*tep_alloc()*` returns a pointer to a newly created `tep_handle` structure. NULL is returned in case there is not enough free memory to allocate it.

`*tep_ref_get()*` returns the current references of `_tep_`. If `_tep_` is NULL, 0 is returned.

`*tep_kbuffer()*` returns a kbuffer descriptor that can parse the raw data that represents the `tep` handle. Must be freed with `*kbuf_free(3)*`.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>

...
struct tep_handle *tep = tep_alloc();
...
int ref = tep_get_ref(tep);
tep_ref(tep);
if ( (ref+1) != tep_get_ref(tep)) {
    /* Something wrong happened, the counter is not incremented by 1 */
}
tep_unref(tep);
...
tep_free(tep);
...
--
```

FILES

```
[verse]
--
*event-parse.h*
```

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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*** /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-handle.txt**

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libtraceevent(3)

=====

NAME

kbuffer_alloc, kbuffer_dup, kbuffer_free, kbuffer_load_subbuffer, kbuffer_subbuffer,
kbuffer_refresh, kbuffer_subbuffer_size, kbuffer_start_of_data - Creating of kbuffer element to parse
the Linux kernel tracing ring buffer

SYNOPSIS

[verse]

--

#include <kbuffer.h>

enum kbuffer_endian {

```

_KBUFFER_ENDIAN_BIG,
_KBUFFER_ENDIAN_LITTLE,
_KBUFFER_ENDIAN_SAME_AS_HOST,
};

enum kbuffer_long_size {
_KBUFFER_LSIZE_4,
_KBUFFER_LSIZE_8,
_KBUFFER_LSIZE_SAME_AS_HOST,
};

struct kbuffer;
struct tep_handle;

struct kbuffer pass:[*]*kbuffer_alloc*(enum kbuffer_long_size _size_, enum kbuffer_endian _endian_);
struct kbuffer pass:[*]*kbuffer_dup*(struct kbuffer pass:[*]_kbuf_);
void *kbuffer_free*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_load_subbuffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuffer_);
int *kbuffer_subbuffer_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_refresh*(struct
    kbuffer pass:[*]_kbuf_);
int *kbuffer_start_of_data*(struct kbuffer pass:[*]_kbuf_);
void pass:[*]*kbuffer_subbuffer*(struct kbuffer pass:[*]_kbuf_);
--

```

DESCRIPTION

These functions create a `_kbuffer_` handle that can be used to parse the raw sub buffers of the Linux kernel tracing ring buffer. The ring buffer is found in the `tracefs` directory, and can be retrieved by `*tracefs_instance_get_file(3)*` at `*per_cpu/cpuX/trace_pipe_raw*` where `*X*` is replaced by the per CPU number of the specified ring buffer. The ring buffer inside the kernel is split up per CPU, such that the raw ring buffer must be retrieved per CPU as well.

The `*kbuffer_alloc()*` will create a descriptor that can be used to manage a sub buffer read by the ring buffer. The `_size_` parameter denotes what the word size is for the given buffer (note, this works from reading raw data from machines other than the machine that is calling this function). The `_endian_` denotes the endian for the machine.

If

`_endian_` is set to `_KBUFFER_ENDIAN_SAME_AS_HOST_` the endian will be set to the same as the host endianness, which is useful when the application is reading the ring buffer data directly from the same machine it is running on.

If `_size_` is set to `_KBUFFER_LSIZE_SAME_AS_HOST_`, if the word size is 8, it will set the kbuffer descriptor to long size of 8. But if the size is 4, then it will then perform a `*uname(2)*` call, and if the `_machine_` field has the string "64"

in it, it will be set to 8 byte long size and not 4 byte. This is because the ring buffer long size is dependent on the kernel and not user space.

The `*kbuffer_dup()` function will duplicate an existing `kbuffer` structure with an allocated new one. It will have all the properties of the passed in `_kbuf_`, including pointing to the same subbuffer that was loaded in the `_kbuf_`. It must be freed with `*kbuffer_free()`.

The `*kbuffer_free()` function will free the resources created by `*kbuffer_alloc()`.

The `*kbuffer_load_subbuffer()` will take a `_subbuffer_` which is a raw data blob from the tracefs `*trace_pipe_raw*` file. The Linux tracing ring buffer is broken up into sub buffers. Each sub buffer is as stand alone data segment that has all the information to split out the individual events and time stamps. This sub buffer is what `kbuffer` uses to walk the events.

The `*kbuffer_subbuffer_size()` returns the location of the end of the last event on the sub-buffer. It does not return the size of the sub-buffer itself.

The `*kbuffer_refresh()` is to be used if more writes were done on the loaded `kbuffer` where the size of the `kbuffer` needs to be refreshed to be able to read the new events that were written since the last `*kbuffer_load_subbuffer()` was called on it.

Note, no memory barriers are implemented with this function and any synchronization with the writer is the responsibility of the application.

The `*kbuffer_start_of_data()` function returns the offset of where the actual data load of the sub-buffer begins.

The `*kbuffer_subbuffer()` function returns the pointer to the currently loaded subbuffer. That is, the last subbuffer that was loaded by `*kbuffer_load_subbuffer()`. If no subbuffer was loaded NULL is returned.

RETURN VALUE

`*kbuffer_alloc()` returns an allocated `kbuffer` descriptor or NULL on error. The returned descriptor must be freed with `*kbuffer_free()`

`*kbuffer_load_subbuffer()` returns 0 on success and -1 on error.

`*kbuffer_subbuffer_size()` returns the index on the subbuffer where the end of the last event is located.

`*kbuffer_start_of_data()` returns the offset of where the data begins on the sub-buffer loaded in `_kbuf_`.

kbuffer_subbuffer() returns the last loaded subbuffer to _kbuf_ that was loaded by *kbuffer_load_subbuffer()* or NULL if none was loaded.

kbuffer_refresh() returns 0 on success and -1 if _kbuf_ is NULL or it does not have a subbuffer loaded via *kbuffer_load_subbuffer()*.

EXAMPLE

[source,c]

--

```
#include <stdio.h>
```

```
#include
```

```
<stdlib.h>
```

```
#include <fcntl.h>
```

```
#include <unistd.h>
```

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

```
#include <kbuffer.h>
```

```
int main (int argc, char **argv)
```

```
{
```

```
    unsigned long long ts;
```

```
    struct kbuffer *kbuf;
```

```
    struct stat st;
```

```
    char *buf;
```

```
    void *event;
```

```
    int ret;
```

```
    int fd;
```

```
    int i = 0;
```

```
    if (argc < 2) {
```

```
        printf("usage: %s raw-subbuffer-page\n", argv[0]);
```

```
        printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
```

```
        exit(0);
```

```
    }
```

```
    if (stat(argv[1], &st) < 0) {
```

```
        perror("stat");
```

```
        exit(-1);
```

```
    }
```

```
    buf = malloc(st.st_size);
```

```
    if (!buf) {
```

```
        perror("Allocating buffer");
```

```
        exit(-1);
```

```
    }
```

```
    fd = open(argv[1], O_RDONLY);
```

```

if (fd < 0) {
    perror(argv[1]);
    exit(-1);
}

ret = read(fd, buf, st.st_size);
if (ret < 0) {
    perror("Reading buffer");
    exit(-1);
}
close(fd);

kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
    KBUFFER_LSIZE_SAME_AS_HOST);
if (!kbuf) {
    perror("Creating kbuffer");
    exit(-1);
}
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
    perror("Loading
sub bufer");
    exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
    fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
        kbuffer_subbuffer_size(kbuf), st.st_size);
    exit(-1);
}

printf("Kbuffer data starts at %d\n", kbuffer_start_of_data(kbuf));
do {
    event = kbuffer_read_event(kbuf, &ts);
    if (event) {
        printf(" event %3d ts:%lld\n", i++, ts);
        event = kbuffer_next_event(kbuf, NULL);
    }
} while (event);

if (!event)
    printf("Finished sub buffer\n");

kbuffer_free(kbuf);

return 0;
}
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

--

REPORTING BUGS

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LICENSE

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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libtraceevent(3)

=====

NAME

tep_plugin_kvm_get_func, tep_plugin_kvm_put_func - Add function name for instruction pointer of kvm plugin

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
const char pass:[*]*tep_plugin_kvm_get_func*(struct tep_event pass:[*]event,  
    struct tep_record pass:[*]record,  
    unsigned long long pass:[*]paddr);  
void *tep_plugin_kvm_put_func*(const char pass:[*]func);  
--
```

DESCRIPTION

The functions `*tep_plugin_kvm_get_func()*` and `*tep_plugin_kvm_put_func()*` are not to be called by an application, but instead are to be defined by an application.

Certain events (like `kvm_exit` and `kvm_entry`) have the instruction pointer of where in the guest the context changed from guest to host. As the host only knows the instruction pointer and does not have information about what function in the guest that instruction pointer belongs to, it can only print the address.

But

the application may have more information about the guest, and know where the guest was when the exit occurred, and also even know the function name of that address.

The KVM plugin for libtraceevent is called on these events, and then calls `*tep_plugin_kvm_get_func()*` to see if that function can resolve the instruction pointer address to a real function name. If the return is non NULL, it will print the function in the output for that event.

These functions are currently defined as weak functions within the plugin, as to not require them to be defined elsewhere. For an application to override the weak function, it will need to define the function in a file that gets compiled with `*-rdynamic*`. That will tell the dynamic linker to examine that object file and use function names to resolve weak functions in other shared objects (in this case the KVM plugin shared object).

If the application defines `*tep_plugin_kvm_get_func()*`, it must use the above prototype. The `_event_` will

hold the KVM event that has the instruction pointer field. The `_record_` will be the instance of that event. The application's function does not need to use these parameters, but they may be useful for finding the function name for the address. The `_paddr_` is a pointer to a 64 bit value (where only 32 bits may be used on 32 bit machines). This value is the instruction pointer to look up. If the application knows the start address of the function as well, it can set `_paddr_` to that address, and the KVM plugin will also append a "+offset" to the function name where the offset is the original value in `_paddr_` minus the value in `_paddr_` when it is called. Finally,

the application should return the function name as a nul terminated string if one is found.

If the returned string of `*tep_plugin_kvm_get_func()*` was allocated, the KVM plugin will call `*tep_plugin_kvm_put_func()*` when it is through with it, passing the value returned by `*tep_plugin_kvm_get_func()*` as `_func_`. This allows the application to free it if necessary.

RETURN VALUE

The `*tep_plugin_kvm_get_func()*` is not to be called by the application but instead is to be defined by the application. It should return a nul terminated string representing the function for the given instruction pointer passed to it by reference in `_paddr_`. It can then optionally update the `_paddr_` to a value that holds the start of the function. The string returned may be freed by the `*tep_plugin_kvm_put_func()*` that the application should define to clean up the string.

The below example needs to be compiled with the `*-rdynamic*` flag so that the dynamic linker can resolve the `*tep_plugin_kvm_get_func()*` and `*tep_plugin_kvm_put_func()*` functions.

When run against a trace.dat file produced by `*trace-cmd(1)*` recording the `kvm_exit` and `kvm_entry` events on a guest, and then the guest's `/proc/kallsyms` file is passed as the second parameter, the output produced will look something like:

```
[source,c]
--
CPU 0/KVM-20407 83156.177626
[000] kvm_exit   reason APIC_ACCESS rip 0xffffffffb0056ee2 exit native_apic_mem_write+0x2 info 10b0 0
CPU 0/KVM-20407 83156.177632 [000] kvm_entry   vcpu 0 rip 0xffffffffb0056ee8 enter
native_apic_mem_write+0x8
--
```

But without those callbacks, it would look like:

```
[source,c]
--
CPU 0/KVM-20407 83156.177626 [000] kvm_exit   reason APIC_ACCESS rip 0xffffffffb0056ee2 info 10b0 0
CPU 0/KVM-20407 83156.177632 [000] kvm_entry   vcpu 0 rip 0xffffffffb0056ee8
--
```

EXAMPLE

```
[source,c]
--
#include <stdio.h>
#include <stdlib.h>
#include <event-parse.h>
```

```

#include <trace-cmd.h>
#include <sys/stat.h>

static struct tep_handle *tep;

const char *tep_plugin_kvm_get_func(struct tep_event *event, struct tep_record *record,
    unsigned long long *paddr)
{
    const char *func;
    char *event_func;
    char *ename;

    func = tep_find_function(tep, *paddr);
    if (!func)
        return NULL;

    if (strcmp(event->name, "kvm_exit") == 0)
        ename = "exit";
    else
        ename = "enter";

    /*
     * Normally, passing
     * back func directly is sufficient and then
     * tep_plugin_kvm_put_func() would not be required. But this example
     * is showing how to handle allocation of the returned string.
     */
    event_func = malloc(strlen(ename) + strlen(func) + 2);
    if (!event_func)
        return NULL;
    sprintf(event_func, "%s %s", ename, func);

    *paddr = tep_find_function_address(tep, *paddr);

    return event_func;
}

void tep_plugin_kvm_put_func(const char *func)
{
    char *f = (char *)func;

    free(f);
}

static int show_event(struct tracecmd_input *handle, struct tep_event *event,
    struct tep_record *record, int cpu, void *data)
{
    static struct trace_seq seq;

```

```

tep = data;

if (!seq.buffer)
    trace_seq_init(&seq);

trace_seq_reset(&seq);
tep_print_event(tracecmd_get_tep(handle), &seq, record,
    "%s-%d\t%6.1000d [%03d] %s\t%s\n",
    TEP_PRINT_COMM, TEP_PRINT_PID,
    TEP_PRINT_TIME, TEP_PRINT_CPU,
    TEP_PRINT_NAME, TEP_PRINT_INFO);
trace_seq_terminate(&seq);
trace_seq_do_printf(&seq);
return 0;
}

int main(int
    argc, char **argv)
{
    struct tracecmd_input *handle;
    struct tep_handle *guest_tep;
    struct stat st;
    FILE *fp;
    char *buf;

    if (argc < 3) {
        printf("usage: trace.dat guest_kallsyms_file\n");
        exit(-1);
    }

    handle = tracecmd_open(argv[1], 0);
    if (!handle) {
        perror(argv[1]);
        exit(-1);
    }

    /* Just for kallsyms parsing */
    guest_tep = tep_alloc();
    if (!guest_tep)
        exit(-1);

    if (stat(argv[2], &st) < 0) {
        perror(argv[2]);
        exit(-1);
    }

    buf = malloc(st.st_size + 1);
    if (!buf)

```



```

exit(-1);

fp = fopen(argv[2], "r");
if (!fp) {
    perror(argv[2]);
    exit(-1);
}

if (fread(buf, st.st_size, 1, fp) < 0) {
    perror(argv[2]);
    exit(-1);
}

buf[st.st_size] = '\0';

if (tep_parse_kallsyms(guest_tep, buf) < 0) {
    printf("Failed to parse %s\n", argv[2]);
    exit(-1);
}
free(buf);

tracecmd_follow_event(handle, "kvm", "kvm_exit", show_event, guest_tep);
tracecmd_follow_event(handle, "kvm", "kvm_entry", show_event, guest_tep);

tracecmd_iterate_events(handle, NULL, 0,
NULL, NULL);

tep_free(guest_tep);
tracecmd_close(handle);
}
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

REPORTING BUGS

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LICENSE

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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libtraceevent(3)

=====

NAME

tep_find_event, tep_find_event_by_name, tep_find_event_by_record, tep_record_is_event -

Find events by given key.

SYNOPSIS

[verse]

--

#include <event-parse.h>

struct tep_event pass:[*]*tep_find_event*(struct tep_handle pass:[*]_tep_, int _id_);

struct tep_event pass:[*]*tep_find_event_by_name*(struct tep_handle pass:[*]_tep_, const char pass:[*]_sys_, const char pass:[*]_name_);

struct tep_event pass:[*]*tep_find_event_by_record*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_record_);

bool *tep_record_is_event*(struct tep_record pass:[*]_record, struct tep_event pass:[*]_event);

--

DESCRIPTION

This set of functions can be used to search for an event, based on a given criteria. All functions require a pointer to a _tep_, trace event parser context.

The *tep_find_event()* function searches for an event by given event _id_. The event ID is

assigned dynamically and can be viewed in event's format file, "ID" field.

The *tep_find_event_by_name()* function searches for an event by given

event `_name_`, under the system `_sys_`. If the `_sys_` is NULL (not specified), the first event with `_name_` is returned.

The `*tep_find_event_by_record()` function searches for an event from a given `_record_`.

The `*tep_record_is_event()` function tests if the given `_record_` is of the type of the `_event_`. This is normally used to know if the `_record_` being processed is of an `_event_` where further processing should be done.

RETURN VALUE

All these functions except `*tep_record_is_event()` return a pointer to the found event, or NULL if there is no such event.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
struct tep_event *event;

event = tep_find_event(tep, 1857);
if (event == NULL) {
    /* There is no event with ID 1857 */
}

event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
if
(event == NULL) {
    /* There is no kvm_exit event, from kvm system */
}

void event_from_record(struct tep_record *record)
{
    struct tep_event *event = tep_find_event_by_record(tep, record);
    if (event == NULL) {
        /* There is no event from given record */
    }
}
...
--
```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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libtraceevent(3)

=====

NAME

kbuffer_read_event, kbuffer_next_event, kbuffer_missed_events, kbuffer_event_size, kbuffer_curr_size, kbuffer_curr_offset, kbuffer_curr_index, kbuffer_read_buffer -

Functions to read through the kbuffer sub buffer.

SYNOPSIS

[verse]

--

```
*#include <kbuffer.h>*
```

```
void pass:[*]*kbuffer_read_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_next_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_read_at_offset*(struct kbuffer pass:[*]_kbuf_, int _offset_, unsigned long long pass:[*]_ts_);
int *kbuffer_missed_events*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_event_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_offset*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_index*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_read_buffer*(struct
    kbuffer pass:[*]_kbuf_, void pass:[*]_buffer_, int _len_);
--
```

DESCRIPTION

The function `*kbuffer_read_event()` reads the next event in the `_kbuf_` descriptor and if `_ts_` is non NULL, will place its timestamp into it. This does not modify the `_kbuf_` descriptor, and calling this function multiple times will return the same result.

The function `*kbuffer_next_event()` will return the next event in the `_kbuf_` descriptor. It will also set the `_ts_` to the timestamp of the returned event. NULL is returned if there are no more events and `_ts_` will be undefined. Note, if this is called directly after a `*kbuffer_load_subbuffer()` then it will likely give an unexpected result, as it will return the second event and not the first event. Usually this function is only used to move to the next event and to know if there's any more events to read, and `*kbuffer_read_event()` is always called first.

The function `*kbuffer_read_at_offset()` returns the event located at a given `_offset_` from the beginning of the sub-buffer. This offset can be retrieved by `*kbuffer_curr_offset()`. If `_ts_` points to an unsigned long long, then it will be set to the event at the given offset's timestamp.

If the sub-buffer had missed events before it, then `*kbuffer_missed_events()` will return the non zero. If it returns -1, that means there were missed events, but the exact number of missed events is unknown. If it returns a positive number, then the number of missed events is the return value.

The `*kbuffer_event_size()` function returns the size of the data portion of the current event (the one that would be returned by `*kbuffer_read_event()`).

The `*kbuffer_curr_size()` function returns the entire record size of the current event (the one that would be returned by `*kbuffer_read_event()`). The difference here is that the return value includes the size of the event record meta data that is not part of what is returned by `*kbuffer_read_event()`.

The `*kbuffer_curr_offset()` function

returns the offset from the beginning of the sub-buffer of where the current event's meta data for the record begins. The first event will not be at offset zero. This offset can be used to retrieve the event with `*kbuffer_read_at_offset()`.

The `*kbuffer_curr_index()` function returns the index from the beginning of the data portion of the sub-buffer where the current event's meta data is located. The first event will likely be zero, but may not be if there's a timestamp attached to it.

The `*kbuffer_read_buffer()` function will fill the given `_buffer_` from the `_kbuf_` the same way the kernel would do a read system call. That is, if the length `_len_` is less than the sub buffer size, or the kbuffer current index is non-zero, it will start copying from the `_kbuf_` current event and create `_buffer_` as a new sub buffer (with a timestamp and commit header) with that event that was found and including all events after that can fit within `_len_`. The `_len_` must include the size of the sub buffer header as well as the events to include. That is, `_len_` is the allocate size of `_buffer_` that can be filled. The return from this function is the index of the end of the last event that was added. If there are no more events then zero is returned, and if the buffer can not copy any events because `_len_` was too small, then -1 is returned.

RETURN VALUE

`*kbuffer_read_event()` returns the event that the `_kbuf_` descriptor is currently at, or NULL if the last event was passed (by `*kbuffer_next_event()`).

`*kbuffer_next_event()` returns the next event after the current event or NULL if there are no more events.

`*kbuffer_read_at_offset()` returns the event at a given `_offset_` from the start of the sub-buffer stored in `_kbuf_`, or NULL if there exists no event. Note, `_offset_` only needs to be an offset that lands on the record, or is at the start of it. It does not need to be exactly at the beginning of the record.

`*kbuffer_missed_events()` returns 0 if there were no missed events before loaded sub-buffer.

Returns -1 if there were an unknown number of missed events, or if the number of missed events is known, that number will be returned.

`*kbuffer_event_size()` returns the size of the data payload of the current event of `_kbuf_`.

`*kbuffer_curr_size()` returns the size of the entire record of the current event of `_kbuf_`. This includes the size of the meta data for that record.

`*kbuf_curr_offset()` returns the offset of the current record from the beginning of the `_kbuf_` sub-buffer.

kbuf_curr_index() returns the index of the current record from the beginning of the _kbuf_ data section.

kbuf_read_buffer() returns the index of the end of the last event that was filled in _buffer_. If there are no more events to copy from _start_ then 0 is returned. If _len_ is not big enough to hold any events, then -1 is returned.

EXAMPLE

[source,c]

--

```
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>
```

```
#include
<kbuffer.h>
```

```
int main (int argc, char **argv)
{
    unsigned long long ts;
    struct kbuffer *kbuf;
    struct stat st;
    char *buf;
    void *event;
    int save_offset = -1;
    int record_size;
    int offset;
    int index;
    int size;
    int ret;
    int fd;
    int i = 0;

    if (argc < 2) {
        printf("usage: %s raw-subbuffer-page\n", argv[0]);
        printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
        exit(0);
    }

    if (stat(argv[1], &st) < 0) {
        perror("stat");
        exit(-1);
    }

    buf = malloc(st.st_size);
```

```

if (!buf) {
    perror("Allocating buffer");
    exit(-1);
}

fd = open(argv[1], O_RDONLY);
if (fd < 0) {
    perror(argv[1]);
    exit(-1);
}

ret = read(fd, buf, st.st_size);
if (ret < 0) {
    perror("Reading buffer");
    exit(-1);
}
close(fd);

kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
    KBUFFER_LSIZE_SAME_AS_HOST);
if (!kbuf) {
    perror("Creating kbuffer");
    exit(-1);
}
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
    perror("Loading
sub bufer");
    exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
    fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
        kbuffer_subbuffer_size(kbuf), st.st_size);
    exit(-1);
}

ret = kbuffer_missed_events(kbuf);
if (ret) {
    if (ret > 0)
        printf("Missed %d events before this buffer\n", ret);
    else
        printf("Missed unknown number of events before this buffer\n");
}
do {
    event = kbuffer_read_event(kbuf, &ts);
    if (event) {
        record_size = kbuffer_curr_size(kbuf);

```



```

offset = kbuffer_curr_offset(kbuf);
index = kbuffer_curr_index(kbuf);
size = kbuffer_event_size(kbuf);

if (i == 20)
    save_offset = offset;
printf(" event %3d ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n",
        i++, ts, record_size, size, index, offset);
event = kbuffer_next_event(kbuf, NULL);
}
} while (event);

if (!event)
    printf("Finished sub buffer\n");

if (save_offset > 0) {
    event = kbuffer_read_at_offset(kbuf, save_offset, &ts);
    if
(!event) {
        fprintf(stderr, "Funny, can't find event 20 at offset %d\n", save_offset);
        exit(-1);
    }
    record_size = kbuffer_curr_size(kbuf);
    offset = kbuffer_curr_offset(kbuf);
    index = kbuffer_curr_index(kbuf);
    size = kbuffer_event_size(kbuf);

    printf("\n saved event 20 ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n\n",
            ts, record_size, size, index, offset);
}
kbuffer_free(kbuf);

return 0;
}

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

Found

in path(s):

* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-kbuffer-read.txt

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libtraceevent(3)

=====

NAME

tep_parse_header_page - Parses the data stored in the header page.

SYNOPSIS

[verse]

--

#include <event-parse.h>

int *tep_parse_header_page*(struct tep_handle pass:[*]_tep_, char pass:[*]_buf_, unsigned long _size_, int _long_size_);

--

DESCRIPTION

The *tep_parse_header_page()* function parses the header page data from _buf_, and initializes the _tep_, trace event parser context, with it. The buffer _buf_ is with _size_, and is supposed to be copied from tracefs/events/header_page.

Some old kernels do not have header page info, in this case the `*tep_parse_header_page()*` function can be called with `_size_` equal to 0. The `_tep_` context is initialized with default values. The `_long_size_` can be used in this use case, to set the size of a long integer to be used.

RETURN VALUE

The `*tep_parse_header_page()*` function returns 0 in case of success, or -1 in case of an error.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
char *buf;
int size;
buf = read_file("/sys/kernel/tracing/events/header_page", &size);
if (tep_parse_header_page(tep, buf, size, sizeof(unsigned long)) != 0) {
    /* Failed to parse the header page */
}
...
--
```

FILES

```
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--
```

SEE ALSO

```
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

```
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
```

--

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libtraceevent(3)

=====

NAME

tep_find_common_field, tep_find_field, tep_find_any_field -

Search for a field in an event.

SYNOPSIS

[verse]

--

#include <event-parse.h>

struct tep_format_field pass:[*]*tep_find_common_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);

struct tep_format_field pass:[*]*tep_find_field*(struct tep_event_ormat pass:[*]_event_, const char pass:[*]_name_);

struct tep_format_field pass:[*]*tep_find_any_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);

--

DESCRIPTION

These functions search for a field with given name in an event. The field returned can be used to find the field content from within a data record.

The *tep_find_common_field()* function searches for a common field with _name_ in the _event_.

The *tep_find_field()* function searches for an event specific field with

name in the _event_.

The *tep_find_any_field()*

function searches for any field with _name_ in the _event_.

RETURN VALUE

The _tep_find_common_field(), _tep_find_field()* and _tep_find_any_field()_ functions return a pointer to the found field, or NULL in case there is no field with the requested name.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
void get_htimer_info(struct tep_handle *tep, struct tep_record *record)
{
    struct tep_format_field *field;
    struct tep_event *event;
    long long softexpires;
    int mode;
    int pid;

    event = tep_find_event_by_name(tep, "timer", "hrtimer_start");

    field = tep_find_common_field(event, "common_pid");
    if (field == NULL) {
        /* Cannot find "common_pid" field in the event */
    } else {
        /* Get pid from the data record */
        pid = tep_read_number(tep, record->data + field->offset,
                               field->size);
    }

    field = tep_find_field(event, "softexpires");
    if (field == NULL) {
        /* Cannot find "softexpires" event specific field in the event */
    } else {
        /* Get
        softexpires parameter from the data record */
        softexpires = tep_read_number(tep, record->data + field->offset,
                                       field->size);
    }

    field = tep_find_any_field(event, "mode");
```

```

if (field == NULL) {
    /* Cannot find "mode" field in the event */
} else
{
    /* Get mode parameter from the data record */
    mode = tep_read_number(tep, record->data + field->offset,
        field->size);
}
}
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_get_header_page_size, tep_get_header_timestamp_size, tep_is_old_format -
Get the data stored in the header page, in kernel context.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
int *tep_get_header_page_size*(struct tep_handle pass:[*]_tep_);  
int *tep_get_header_timestamp_size*(struct tep_handle pass:[*]_tep_);  
bool *tep_is_old_format*(struct tep_handle pass:[*]_tep_);
```

--

DESCRIPTION

These functions retrieve information from kernel context, stored in tracefs events/header_page. Old kernels do not have header page info, so default values from user space context are used.

The `*tep_get_header_page_size()` function returns the size of a long integer, in kernel context. The `_tep_` argument is trace event parser context. This information is retrieved from tracefs events/header_page, "commit" field.

The `*tep_get_header_timestamp_size()` function returns the size of timestamps, in kernel context. The `_tep_` argument is trace event parser context. This information is retrieved from tracefs events/header_page, "timestamp" field.

The `*tep_is_old_format()` function returns true if the kernel predates the addition of events/header_page, otherwise it returns false.

RETURN VALUE

The `*tep_get_header_page_size()` function returns the size of a long integer, in bytes.

The `*tep_get_header_timestamp_size()` function returns the size of timestamps, in bytes.

The `*tep_is_old_format()` function returns true, if an old kernel is used to generate the tracing data, which has no event/header_page. If the kernel is new,

or `_tep_` is NULL, false is returned.

EXAMPLE

```
-----
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int longsize;
int timesize;
bool old;

longsize = tep_get_header_page_size(tep);
timesize = tep_get_header_timestamp_size(tep);
old = tep_is_old_format(tep);

printf ("%s kernel
is used to generate the tracing data.\n",
    old?"Old":"New");
printf("The size of a long integer is %d bytes.\n", longsize);
printf("The timestamps size is %d bytes.\n", timesize);
...
--
```

FILES

```
-----
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--
```

SEE ALSO

```
-----
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

```
-----
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--
```

REPORTING BUGS

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RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-header_page.txt

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libtraceevent(3)

=====

NAME

tep_set_function_resolver, tep_reset_function_resolver, tep_register_function, tep_register_print_string,
tep_get_function_count - function related tep APIs

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
typedef char pass:[*](*tep_func_resolver_t*)(void pass:[*]_priv_, unsigned long long pass:[*]_addrp_, char  
pass:[*]_modp_);  
int *tep_set_function_resolver*(struct tep_handle pass:[*]_tep_, tep_func_resolver_t pass:[*]_func_, void  
pass:[*]_priv_);  
void *tep_reset_function_resolver*(struct tep_handle pass:[*]_tep_);  
int *tep_register_function*(struct tep_handle pass:[*]_tep_, char pass:[*]_name_, unsigned long long _addr_, char  
pass:[*]_mod_);  
int *tep_register_print_string*(struct tep_handle pass:[*]_tep_, const char pass:[*]_fmt_, unsigned long long  
_addr_);  
int *tep_get_function_count*(struct tep_handle *_tep_)  
--
```

DESCRIPTION

Some tools may have already

a way to resolve the kernel functions. These APIs

allow them to keep using it instead of duplicating all the entries inside.

The _tep_func_resolver_t_ type is the prototype of the alternative kernel

functions resolver. This function receives a pointer to its custom context (set with the `*tep_set_function_resolver()` call) and the address of a kernel function, which has to be resolved. In case of success, it should return the name of the function and its module (if any) in `_modp_`.

The `*tep_set_function_resolver()` function registers `_func_` as an alternative kernel functions resolver. The `_tep_` argument is trace event parser context. The `_priv_` argument is a custom context of the `_func_` function. The function resolver is used by the APIs `*tep_find_function*(3)`, `*tep_find_function_address*(3)`, and `*tep_print_func_field()` to resolve a function address to a function name.

The `*tep_reset_function_resolver()` function resets the kernel functions resolver to the default function.

The `_tep_` argument is trace event parser context.

These APIs can be used to find function name and start address, by given address. The given address does not have to be exact, it will select the function that would contain it.

The `*tep_register_function()` function registers a function name mapped to an address and (optional) module. This mapping is used in case the function tracer or events have "%pS" parameter in its format string. It is common to pass in the kallsyms function names with their corresponding addresses with this function. The `_tep_` argument is the trace event parser context. The `_name_` is the name of the function, the string is copied internally. The `_addr_` is the start address of the function. The `_mod_` is the kernel module the function may be in (NULL for none).

The `*tep_register_print_string()` function registers a string by the address it was stored in the kernel. Some strings internal to the kernel with static address are passed to certain events. The "%s" in the event's format field which has an address needs to know what string would be at that address. The `tep_register_print_string()` supplies the parsing with the mapping between kernel addresses and those strings. The `_tep_` argument is the trace event parser context. The `_fmt_` is the string to register, it is copied internally. The `_addr_` is the address the string was located at.

`*tep_get_function_count*()` returns the number of registered functions in a tep handler.

RETURN VALUE

The `*tep_set_function_resolver()` function returns 0 in case of success, or -1 in case of an error.

The `*tep_register_function()` function returns 0 in case of success. In case of an error -1 is returned, and `errno` is set to the appropriate error number.

The `*tep_register_print_string()` function returns 0 in case of success. In case of an error -1 is returned, and `errno` is set to the appropriate error number.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

...

```
struct tep_handle *tep =  
    tep_alloc();
```

...

```
char *my_resolve_kernel_addr(void *context,  
    unsigned long long *addrp, char **modp)  
{  
    struct db *function_database = context;  
    struct symbol *sym = sql_lookup(function_database, *addrp);
```

```
    if (!sym)  
        return NULL;
```

```
    *modp = sym->module_name;  
    return sym->name;  
}
```

```
void show_function( unsigned long long addr)  
{  
    unsigned long long fstart;  
    const char *fname;
```

```
    if (tep_set_function_resolver(tep, my_resolve_kernel_addr,  
        function_database) != 0) {  
        /* failed to register my_resolve_kernel_addr */  
    }
```

```
    /* These APIs use my_resolve_kernel_addr() to resolve the addr */  
    fname = tep_find_function(tep, addr);  
    fstart = tep_find_function_address(tep, addr);
```

```
    /*  
        addr is in function named fname, starting at fstart address,  
        at offset (addr - fstart)  
    */
```

```
    tep_reset_function_resolver(tep);
```

```

}
...
if (tep_register_function(tep, "kvm_exit",
    (unsigned long long) 0x12345678, "kvm") != 0) {
    /* Failed to register kvm_exit address mapping */
}
...
if (tep_register_print_string(tep,
    "print string",
    (unsigned long long) 0x87654321, NULL) != 0) {
    /* Failed to register "print string" address mapping */
}
...
--

```

FILES

```

-----
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--

```

SEE ALSO

```

-----
*libtraceevent*(3), *trace-cmd*(1)

```

AUTHOR

```

-----
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--

```

REPORTING BUGS

```

-----
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```

LICENSE

```

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```

RESOURCES

```

-----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

```

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-func_apis.txt

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libtraceevent(3)

=====

NAME

tep_print_printk, tep_print_funcs, tep_set_test_filters, tep_plugin_print_options -
Print libtraceevent internal information.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
*#include <trace-seq.h>*
```

```
void *tep_print_printk*(struct tep_handle pass:[*]tep);
```

```
void *tep_print_funcs*(struct tep_handle pass:[*]tep);
```

```
void *tep_set_test_filters*(struct tep_handle pass:[*]tep, int test_filters);
```

```
void *tep_plugin_print_options*(struct trace_seq pass:[*]s);
```

--

DESCRIPTION

The `*tep_print_printk()*` function prints the printk string formats that were stored for this tracing session. The `_tep_` argument is trace event parser context.

The `*tep_print_funcs()*` function prints the stored function name to address mapping for this tracing session. The `_tep_` argument is trace event parser context.

The `*tep_set_test_filters()*` function sets a flag to test a filter string. If this

flag is set, when `*tep_filter_add_filter_str()*` API as called, it will print the filter string instead of adding it. The `_tep_` argument is trace event parser context.

The `_test_filters_` argument is the test flag that will be set.

The `*tep_plugin_print_options()*` function writes a list of the registered plugin options into `_s_`.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

```

#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
tep_print_printk(tep);
...
tep_print_funcs(tep);
...
struct tep_event_filter *filter = tep_filter_alloc(tep);
tep_set_test_filters(tep, 1);
tep_filter_add_filter_str(filter, "sched/sched_wakeup:target_cpu==1");
tep_set_test_filters(tep, 0);
tep_filter_free(filter);
...
struct trace_seq seq;
trace_seq_init(&seq);

tep_plugin_print_options(&s);
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_get_page_size, tep_set_page_size, tep_get_sub_buffer_data_size, tep_get_sub_buffer_size - Get / set the size of a memory page on

the machine, where the trace is generated

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

```
int *tep_get_page_size*(struct tep_handle pass:[*]_tep_);
void *tep_set_page_size*(struct tep_handle pass:[*]_tep_, int _page_size_);
int *tep_get_sub_buffer_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_data_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_commit_offset*(struct tep_handle pass:[*]_tep_);
--
```

DESCRIPTION

The `*tep_get_page_size()*` function returns the size of a memory page on the machine, where the trace is generated. The `_tep_` argument is trace event parser context.

The `*tep_set_page_size()*` function stores in the `_tep_` context the size of a memory page on the machine, where the trace is generated.

The `_tep_` argument is trace event parser context.

The `_page_size_` argument is the size of a memory page, in bytes.

The `*tep_get_sub_buffer_size()*` returns the size of each "sub buffer" of the ring buffer. The Linux kernel ring buffer is broken up into sections called sub buffers. This returns the size of those buffers.

The `*tep_get_sub_buffer_data_size()*` returns the size of just the data portion of the sub buffers.

The `*tep_get_sub_buffer_commit_offset()*` returns the offset on the sub buffer that holds the committed portion of data. This number contains the index from the data portion of the sub buffer that is the end of the last element on the sub buffer.

RETURN VALUE

The `*tep_get_page_size()*` function returns size of the memory page, in bytes.

The `*tep_get_sub_buffer_size()*` function returns the number of bytes each sub buffer is made up of.

The `*tep_get_sub_buffer_commit_offset()*` function returns the location on the sub buffer that contains the index of the last element.

EXAMPLE

```
[source,c]
--
#include <unistd.h>
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int page_size = getpagesize();

tep_set_page_size(tep, page_size);

printf("The page size for this machine is %d\n", tep_get_page_size(tep));
```

--

FILES

[verse]

--

`*event-parse.h*`

Header file to include in order to have access to the library APIs.

`*-ltraceevent*`

Linker switch to add when building a program that uses the library.

--

SEE ALSO

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_print_event - Writes event information into a trace sequence.

SYNOPSIS

[verse]

--

#include <event-parse.h>

#include <trace-seq.h>

void *tep_print_event*(struct tep_handle pass:[*]_tep_, struct trace_seqpass:[*]_s_, struct tep_record
pass:[*]_record_, const char pass:[*]_fmt_, _..._)

--

DESCRIPTION

The `*tep_print_event()*` function parses the event information of the given `_record_` and writes it into the trace sequence `_s_`, according to the format string `_fmt_`. The desired information is specified after the format string. The `_fmt_` is printf-like format string, following arguments are supported: [verse]

--

TEP_PRINT_PID, "%d" - PID of the event.

TEP_PRINT_CPU, "%d" - Event CPU.

TEP_PRINT_COMM, "%s" - Event command string.

TEP_PRINT_NAME, "%s" - Event name.

TEP_PRINT_LATENCY, "%s" - Latency of the event. It prints 4 or more fields -

interrupt state, scheduling state,

current context, and preemption count.

Field 1 is the interrupt enabled state:

d : Interrupts are disabled

. : Interrupts are enabled

X : The architecture does not support this information

Field 2 is the "need resched" state.

N : The task is set to call the scheduler when possible, as another higher priority task may need to be scheduled in.

. : The task is not set to call the scheduler.

Field 3 is the context state.

. : Normal context

s : Soft interrupt context

h : Hard interrupt context

H : Hard interrupt context which triggered during soft interrupt context.

z : NMI context

Z : NMI context which triggered during hard interrupt context

Field 4 is the preemption count.

. : The preempt count is zero.

On preemptible kernels (where the task can be scheduled out in arbitrary locations while in kernel context), the preempt count, when non zero, will prevent the kernel

from scheduling out the current task. The preempt count number is displayed when it is not zero.

Depending on the kernel, it may show other fields

(lock depth, or migration disabled, which are unique to

specialized kernels).

TEP_PRINT_TIME, %d - event time stamp. A divisor and precision can be specified as part of this format string:

"%precision.divisor". Example:

"%3.1000d" - divide the time by 1000 and print the first 3 digits before the dot. Thus, the time stamp

"123456000" will be printed as "123.456"

TEP_PRINT_INFO, "%s" - event information.

TEP_PRINT_INFO_RAW, "%s" - event information, in raw format.

--

EXAMPLE

[source,c]

--

#include <event-parse.h>

#include <trace-seq.h>

...

struct trace_seq seq;

trace_seq_init(&seq);

struct tep_handle *tep = tep_alloc();

...

void print_my_event(struct tep_record *record)

{

trace_seq_reset(&seq);

tep_print_event(tep, s, record, "%16s-%5d [%03d] %s %6.1000d %s %s",

TEP_PRINT_COMM,

TEP_PRINT_PID, TEP_PRINT_CPU,

TEP_PRINT_LATENCY, TEP_PRINT_TIME, TEP_PRINT_NAME,

TEP_PRINT_INFO);

}

...

--

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs.

Trace sequences are used to allow a function to call several other functions to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

`*libtraceevent*(3)`, `*trace-cmd*(1)`

AUTHOR

[verse]

--

`*Steven Rostedt*` <rostedt@goodmis.org>, author of `*libtraceevent*`.

`*Tzvetomir Stoyanov*` <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

`tep_read_number_field` - Reads a number from raw data.

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

`int *tep_read_number_field*(struct tep_format_field pass:[*]_field_, const void pass:[*]_data_, unsigned long long pass:[*]_value_);`

--

DESCRIPTION

The `*tep_read_number_field()*` function reads the value of the `_field_` from the

raw _data_ and stores it in the _value_. The function sets the _value_ according to the endianness of the raw data and the current machine and stores it in _value_.

RETURN VALUE

The *tep_read_number_field()* function returns 0 in case of success, or -1 in case of an error.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
struct tep_event *event = tep_find_event_by_name(tep, "timer", "hrtimer_start");
...
void process_record(struct tep_record *record)
{
    unsigned
    long long pid;
    struct tep_format_field *field_pid = tep_find_common_field(event, "common_pid");

    if (tep_read_number_field(field_pid, record->data, &pid) != 0) {
        /* Failed to get "common_pid" value */
    }
}
...
--
```

FILES

```
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--
```

SEE ALSO

```
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

```
[verse]
```

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

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libtraceevent(3)

=====

NAME

tep_set_flag, tep_clear_flag, tep_test_flag -

Manage flags of trace event parser context.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
enum *tep_flag* {
```

```
    _TEP_NSEC_OUTPUT_,
```

```
    _TEP_DISABLE_SYS_PLUGINS_,
```

```
    _TEP_DISABLE_PLUGINS_
```

```
};
```

```
void *tep_set_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
```

```
void *tep_clear_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
```

```
bool *tep_test_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
```

--

DESCRIPTION

Trace event parser context flags are defined in *enum tep_flag*:

[verse]

```
--
_TEP_NSEC_OUTPUT_ - print event's timestamp in nano seconds, instead of micro seconds.
_TEP_DISABLE_SYS_PLUGINS_ - disable plugins, located in system's plugin
    directory. This directory is defined at library compile
    time, and usually depends on library installation
    prefix: (install_prefix)/lib/traceevent/plugins
_TEP_DISABLE_PLUGINS_
- disable all library plugins:
- in system's plugin directory
- in directory, defined by the environment variable _TRACEEVENT_PLUGIN_DIR_
- in user's home directory, _~/traceevent/plugins_
--
```

Note: plugin related flags must be set before calling `*tep_load_plugins()*` API.

The `*tep_set_flag()*` function sets `_flag_` to `_tep_` context.

The `*tep_clear_flag()*` function clears `_flag_` from `_tep_` context.

The `*tep_test_flag()*` function tests if `_flag_` is set to `_tep_` context.

RETURN VALUE

```
-----
*tep_test_flag()* function returns true if _flag_ is set, false otherwise.
```

EXAMPLE

```
-----
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
/* Print timestamps in nanoseconds */
tep_set_flag(tep, TEP_NSEC_OUTPUT);
...
if (tep_test_flag(tep, TEP_NSEC_OUTPUT)) {
    /* print timestamps in nanoseconds */
} else {
    /* print timestamps in microseconds */
}
...
/* Print timestamps in microseconds */
tep_clear_flag(tep, TEP_NSEC_OUTPUT);
...
--
```

FILES

```
-----
[verse]
```

--

event-parse.h

Header

file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_register_print_function, tep_unregister_print_function -

Registers / Unregisters a helper function.

SYNOPSIS

[verse]

--

#include <event-parse.h>


```
enum *tep_func_arg_type* {
    TEP_FUNC_ARG_VOID,
    TEP_FUNC_ARG_INT,
    TEP_FUNC_ARG_LONG,
    TEP_FUNC_ARG_STRING,
    TEP_FUNC_ARG_PTR,
    TEP_FUNC_ARG_MAX_TYPES
};
```

```
typedef unsigned long long (*pass:[*]tep_func_handler*)(struct trace_seq pass:[*]s, unsigned long long
pass:[*]args);
```

```
int *tep_register_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, enum
tep_func_arg_type _ret_type_, char pass:[*]_name_, ...);
int *tep_unregister_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, char
pass:[*]_name_);
--
```

DESCRIPTION

Some events may have helper functions in the print format arguments. This allows a plugin to dynamically create a way to process one of these functions.

The

`*tep_register_print_function()` registers such helper function. The `_tep_` argument is the trace event parser context. The `_func_` argument is a pointer to the helper function. The `_ret_type_` argument is the return type of the helper function, value from the `_tep_func_arg_type_` enum. The `_name_` is the name of the helper function, as seen in the print format arguments. The `_...` is a variable list of `_tep_func_arg_type_` enums, the `_func_` function arguments. This list must end with `_TEP_FUNC_ARG_VOID_`. See 'EXAMPLE' section.

The `*tep_unregister_print_function()` unregisters a helper function, previously registered with `*tep_register_print_function()`. The `_tep_` argument is the trace event parser context. The `_func_` and `_name_` arguments are the same, used when the helper function was registered.

The `_tep_func_handler_` is the type of the helper function. The `_s_` argument is the trace sequence, it can be used to create a custom string.

The `_args_` is a list of arguments, defined when the helper function was registered.

RETURN VALUE

The `*tep_register_print_function()` function returns 0 in case of success.

In case of an error, TEP_ERRNO_... code is returned.

The `*tep_unregister_print_function()` returns 0 in case of success, or -1 in case of an error.

EXAMPLE

Some events have internal functions calls, that appear in the print format output. For example "tracefs/events/i915/g4x_wm/format" has:

[source,c]

--

```
print fmt: "pipe %c, frame=%u, scanline=%u, wm %d/%d/%d, sr %s/%d/%d/%d, hpll %s/%d/%d/%d, fbc %s",
  ((REC->pipe) + 'A'), REC->frame, REC->scanline, REC->primary,
  REC->sprite, REC->cursor, yesno(REC->cxsr), REC->sr_plane,
  REC->sr_cursor, REC->sr_fbc, yesno(REC->hpll), REC->hpll_plane,
  REC->hpll_cursor, REC->hpll_fbc, yesno(REC->fbc)
```

--

Notice the call to function `*yesno()` in the print arguments. In the kernel context, this function has the following implementation:

[source,c]

--

```
static const char *yesno(int x)
{
    static
    const char *yes = "yes";
    static const char *no = "no";

    return x ? yes : no;
}
```

--

The user space event parser has no idea how to handle this `*yesno()` function. The `*tep_register_print_function()` API can be used to register a user space helper function, mapped to the kernel's `*yesno()`:

[source,c]

--

```
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
static const char *yes_no_helper(int x)
{
    return x ? "yes" : "no";
}
...
if ( tep_register_print_function(tep,
    yes_no_helper,
    TEP_FUNC_ARG_STRING,
```

```

    "yesno",
    TEP_FUNC_ARG_INT,
    TEP_FUNC_ARG_VOID) != 0) {
/* Failed to register yes_no_helper function */
}

/*
Now, when the event parser encounters this yesno() function, it will know
how to handle it.
*/
...
if (tep_unregister_print_function(tep, yes_no_helper, "yesno") != 0) {
/* Failed to unregister yes_no_helper function */
}

```

FILES

[verse]

--

event-parse.h

Header file to include

in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs. Trace sequences are used to allow a function to call several other functions to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_print_field_content, tep_print_fields, tep_print_num_field, tep_print_func_field, tep_record_print_fields, tep_record_print_selected_fields -

Print the field content.

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

`*#include <trace-seq.h>*`

`void *tep_print_field_content*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int size, struct tep_format_field pass:[*]_field_);`

`void *tep_print_fields*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int _size_, struct tep_event pass:[*]_event_);`

`int *tep_print_num_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);`

`int *tep_print_func_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);`

`void *tep_record_print_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_);`

`void *tep_record_print_selected_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_, int _select_mask_);`

--

DESCRIPTION

These functions print recorded field's data, according to the field's type.

The `*tep_print_field_content()` function extracts from the recorded raw `_data_` value of the `_field_` and prints it into `_s_`, according to the field type.

The `*tep_print_fields()` prints each field name followed by the record's field value according to the field's type:

[verse]

--

"field1_name=field1_value field2_name=field2_value ..."

--

It iterates all fields of the `_event_`, and calls `*tep_print_field_content()` for each of them.

The `*tep_print_num_field()` function prints a numeric field with given format string. A search is performed in the `_event_` for a field with `_name_`. If such field

is found, its value is extracted from the `_record_` and is printed in the `_s_`, according to the given format string `_fmt_`. If the argument `_err_` is non-zero, and an error occurs - it is printed in the `_s_`.

The `*tep_print_func_field()` function prints a function field with given format string. A search is performed in the `_event_` for a field with `_name_`. If such field is found, its value is extracted from the `_record_`. The value is assumed to be a function address, and a search is performed to find the name of this function. The function name (if found) and its address are printed in the `_s_`, according to the given format string `_fmt_`. If the argument `_err_` is non-zero, and an error occurs - it is printed in `_s_`.

The `*tep_record_print_fields()` prints the field's name followed by its value for all record's field.

The `*tep_record_print_selected_fields()` prints the field's name followed by its value for selected subset of record field. The fields to be printed are defined by the `_select_mask_` bit mask.

RETURN VALUE

The `*tep_print_num_field()` and `*tep_print_func_field()` functions return 1 on success, -1 in case of an error or 0 if the print buffer `_s_` is full.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

```
#include <trace-seq.h>
```

...

```
struct tep_handle *tep = tep_alloc();
```

...

```
struct trace_seq seq;
```

```
trace_seq_init(&seq);
```

```

struct tep_event *event = tep_find_event_by_name(tep, "timer", "hrtimer_start");
...
void process_record(struct tep_record *record)
{
    struct tep_format_field *field_pid = tep_find_common_field(event, "common_pid");

    trace_seq_reset(&seq);

    /* Print the value of "common_pid" */
    tep_print_field_content(&seq, record->data, record->size, field_pid);

    /* Print all fields of the "hrtimer_start" event */
    tep_print_fields(&seq, record->data, record->size, event);

    /* Print the value of "expires" field with custom format string */
    tep_print_num_field(&seq, " timer expires in %llu ", event, "expires", record, 0);

    /* Print the
    address and the name of "function" field with custom format string */
    tep_print_func_field(&seq, " timer function is %s ", event, "function", record, 0);
}
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs.

Trace sequences are used to allow a function to call several other functions to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

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libtraceevent(3)

=====

NAME

tep_load_plugins, tep_unload_plugins, tep_load_plugins_hook, tep_add_plugin_path,
tep_plugin_add_option - Load / unload traceevent plugins.

SYNOPSIS

[verse]

--

#include <event-parse.h>

```
struct tep_plugin_list pass:[*]tep_load_plugins*(struct tep_handle pass:[*]_tep_);
void *tep_unload_plugins*(struct tep_plugin_list pass:[*]_plugin_list_, struct tep_handle pass:[*]_tep_);
void *tep_load_plugins_hook*(struct tep_handle pass:[*]_tep_, const char pass:[*]_suffix_,
    void (pass:[*]_load_plugin_)(struct tep_handle pass:[*]tep,
        const char pass:[*]path,
        const char pass:[*]name,
        void pass:[*]data),
    void pass:[*]_data_);
int *tep_add_plugin_path*(struct tep_handle pass:[*]tep, char pass:[*]path,
    enum tep_plugin_load_priority prio);
int *tep_plugin_add_option*(const char pass:[*]_name_, const char pass:[*]_val_);
--
```

DESCRIPTION

The

tep_load_plugins() function loads all plugins, located in the plugin
directories. The _tep_ argument is trace event parser context.

The plugin directories are :

[verse]

--

- Directories, specified in `_tep->plugins_dir` with priority `TEP_PLUGIN_FIRST`
- System's plugin directory, defined at the library compile time. It depends on the library installation prefix and usually is `_(install_prefix)/lib/traceevent/plugins_`
- Directory, defined by the environment variable `_TRACEEVENT_PLUGIN_DIR_`
- User's plugin directory, located at `~/.local/lib/traceevent/plugins_`
- Directories, specified in `_tep->plugins_dir` with priority `TEP_PLUGIN_LAST`

--

Loading of plugins can be controlled by the `_tep_flags_`, using the

`*tep_set_flag()*` API:

[verse]

--

- `_TEP_DISABLE_SYS_PLUGINS_` - do not load plugins, located in the system's plugin directory.
- `_TEP_DISABLE_PLUGINS_` - do not load any plugins.

--

The `*tep_set_flag()*` API needs to be called before `*tep_load_plugins()*`, if loading of all plugins is not the desired case.

The `*tep_unload_plugins()*` function unloads the plugins, previously loaded by `*tep_load_plugins()*`. The `_tep_` argument is trace event parser context. The `_plugin_list_` is the list of loaded plugins, returned by the `*tep_load_plugins()*` function.

The `*tep_load_plugins_hook()*` function walks through all directories with plugins and calls user specified `*load_plugin()*` hook for each plugin file. Only files with given `_suffix_` are considered to be plugins. The `_data_` is a user specified context, passed to `*load_plugin()*`. Directories and the walk order are the same as in `*tep_load_plugins()*` API.

The `*tep_add_plugin_path()*` functions adds additional directories with plugins in the `_tep->plugins_dir` list. It must be called before `*tep_load_plugins()*` in order for the plugins from the new directories to be loaded. The `_tep_` argument is the trace event parser context. The `_path_` is the full path to the new plugin directory. The `_prio_` argument specifies the loading priority order for the new directory of plugins. The loading priority is important in case of different versions of the same plugin located in multiple plugin directories. The last loaded plugin wins. The priority can be:

[verse]

--

- `_TEP_PLUGIN_FIRST_` - Load plugins from this directory first
- `_TEP_PLUGIN_LAST_` - Load plugins from this directory last

--

Where the plugins in TEP_PLUGIN_LAST" will take precedence over the plugins in the other directories.

The `*tep_plugin_add_option()` sets options defined by a plugin. The `_name_` is the name of the option to set to `_val_`. Plugins can add options to change its behavior and `*tep_plugin_add_option()` is used by the application to make those modifications.

RETURN VALUE

The `*tep_load_plugins()` function returns a list of successfully loaded plugins, or NULL in case no plugins are loaded.

The `*tep_add_plugin_path()` function returns -1 in case of an error, 0 otherwise.

EXAMPLE

```
[source,c]
--
#include
<event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
tep_add_plugin_path(tep, "~/dev_plugins", TEP_PLUGIN_LAST);
...
struct tep_plugin_list *plugins = tep_load_plugins(tep);
if (plugins == NULL) {
    /* no plugins are loaded */
}
...
tep_unload_plugins(plugins, tep);
...
void print_plugin(struct tep_handle *tep, const char *path,
    const char *name, void *data)
{
    printf("Found libtraceevent plugin %s/%s\n", path, name);
}
...
tep_load_plugins_hook(tep, ".so", print_plugin, NULL);
...
--
```

FILES

[verse]

--

`*event-parse.h*`

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1), *tep_set_flag*(3)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_get_cpus, tep_set_cpus - Get / set the number of CPUs, which have a tracing buffer representing it. Note, the buffer may be empty.

SYNOPSIS

[verse]

--

#include <event-parse.h>

int ***tep_get_cpus***(struct tep_handle pass:[*]_tep_);

void ***tep_set_cpus***(struct tep_handle pass:[*]_tep_, int _cpus_);

--

DESCRIPTION

The `*tep_get_cpus()*` function gets the number of CPUs, which have a tracing buffer representing it. The `_tep_` argument is trace event parser context.

The `*tep_set_cpus()*` function sets the number of CPUs, which have a tracing buffer representing it. The `_tep_` argument is trace event parser context.

The `_cpu_` argument is the number of CPUs with tracing data.

RETURN VALUE

The `*tep_get_cpus()*` functions returns the number of CPUs, which have tracing data recorded.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct
    tep_handle *tep = tep_alloc();
...
    tep_set_cpus(tep, 5);
...
    printf("We have tracing data for %d CPUs", tep_get_cpus(tep));
--
```

FILES

```
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--
```

SEE ALSO

`*libtraceevent*(3)`, `*trace-cmd*(1)`

AUTHOR

```
[verse]
--
```

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

trace_seq_init, trace_seq_destroy, trace_seq_reset, trace_seq_terminate,
trace_seq_putc, trace_seq_puts, trace_seq_printf, trace_seq_vprintf,
trace_seq_do_fprintf, trace_seq_do_printf -
Initialize / destroy a trace sequence.

SYNOPSIS

[verse]

--

`##include <event-parse.h>*`

`##include <trace-seq.h>*`

```
void *trace_seq_init*(struct trace_seq pass:[*]_s_);
void *trace_seq_destroy*(struct trace_seq pass:[*]_s_);
void *trace_seq_reset*(struct trace_seq pass:[*]_s_);
void *trace_seq_terminate*(struct trace_seq pass:[*]_s_);
int *trace_seq_putc*(struct trace_seq pass:[*]_s_, unsigned char _c_);
int *trace_seq_puts*(struct trace_seq pass:[*]_s_, const char pass:[*]_str_);
int *trace_seq_printf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, _..._);
int *trace_seq_vprintf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, va_list _args_);
int *trace_seq_do_printf*(struct
    trace_seq pass:[*]_s_);
int *trace_seq_do_fprintf*(struct trace_seq pass:[*]_s_, FILE pass:[*]_fp_);
```

--

DESCRIPTION

Trace sequences are used to allow a function to call several other functions to create a string of data to use.

The `*trace_seq_init()` function initializes the trace sequence `_s_`.

The `*trace_seq_destroy()` function destroys the trace sequence `_s_` and frees all its resources that it had used.

The `*trace_seq_reset()` function re-initializes the trace sequence `_s_`. All characters already written in `_s_` will be deleted.

The `*trace_seq_terminate()` function terminates the trace sequence `_s_`. It puts the null character pass: `['\0']` at the end of the buffer.

The `*trace_seq_putc()` function puts a single character `_c_` in the trace sequence `_s_`.

The `*trace_seq_puts()` function puts a NULL terminated string `_str_` in the trace sequence `_s_`.

The `*trace_seq_printf()` function puts a formatted string `_fmt_` with variable arguments `..._` in the trace sequence `_s_`.

The `*trace_seq_vprintf()` function puts a formatted string `_fmt_` with list of arguments `_args_` in the trace sequence `_s_`.

The `*trace_seq_do_printf()` function prints the buffer of trace sequence `_s_` to the standard output stdout.

The `*trace_seq_do_fprintf()` function prints the buffer of trace sequence `_s_` to the given file `_fp_`.

RETURN VALUE

Both `*trace_seq_putc()` and `*trace_seq_puts()` functions return the number of characters put in the trace sequence, or 0 in case of an error

Both `*trace_seq_printf()` and `*trace_seq_vprintf()` functions return 0 if the trace oversizes the buffer's free space, the number of characters printed, or a negative value in case of an error.

Both `*trace_seq_do_printf()` and `*trace_seq_do_fprintf()` functions return the number of printed characters, or -1 in case of an error.

EXAMPLE

```
-----
[source,c]
--
#include <event-parse.h>
#include <trace-seq.h>
...
struct trace_seq seq;
trace_seq_init(&seq);
...
void foo_seq_print(struct trace_seq
    *tseq, char *format, ...)
{
    va_list ap;
    va_start(ap, format);
    if (trace_seq_vprintf(tseq, format, ap) <= 0) {
        /* Failed to print in the trace sequence */
    }
    va_end(ap);
}

trace_seq_reset(&seq);

char *str = " MAN page example";
if (trace_seq_puts(&seq, str) != strlen(str)) {
    /* Failed to put str in the trace sequence */
}
if (trace_seq_putc(&seq, ':') != 1) {
    /* Failed to put ':' in the trace sequence */
}
if (trace_seq_printf(&seq, " trace sequence: %d", 1) <= 0) {
    /* Failed to print in the trace sequence */
}
foo_seq_print( &seq, " %d\n", 2);

trace_seq_terminate(&seq);
...

if (trace_seq_do_printf(&seq) < 0 ) {
    /* Failed to print the sequence buffer to the standard output */
}
FILE *fp = fopen("trace.txt", "w");
if (trace_seq_do_fprintf(&seq, fp) < 0 ) [
    /* Failed to print the sequence buffer to the trace.txt file */
}

trace_seq_destroy(&seq);
...
```

--

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header

file to include in order to have access to trace sequences related APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_find_function, tep_find_function_address, tep_find_function_info - Find function name / start address.

SYNOPSIS

```
-----  
[verse]  
--  
*#include <event-parse.h>  
  
const char pass:[*]*tep_find_function*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);  
unsigned long long *tep_find_function_address*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);  
int *tep_find_function_info*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_, const char  
pass:[*]_name_,  
    unsigned long long pass:[*]_start_, unsigned long pass:[*]_size_);  
--
```

DESCRIPTION

These functions can be used to find function name and start address, by given address. The given address does not have to be exact, it will select the function that would contain it.

The `*tep_find_function()` function returns the function name, which contains the given address `_addr_`. The `_tep_` argument is the trace event parser context.

The `*tep_find_function_address()` function returns the function start address, by given address `_addr_`. The `_addr_` does not have to be exact, it will select the function that would contain it. The `_tep_` argument is the trace event parser context.

The `*tep_find_function_info()` function retrieves the `_name_`, starting address (`_start_`), and the function text `_size_` of the function at `_address_`, if it is found. Note, if the `_tep_` handle has a function resolver (used by perf), then `_size_` is set to zero.

RETURN VALUE

The `*tep_find_function()` function returns the function name, or NULL in case it cannot be found.

The `*tep_find_function_address()` function returns the function start address, or 0 in case it cannot be found.

The `*tep_find_function_info()` function returns 1 if a function is found for the given address, or 0 if it is not.

EXAMPLE

```
-----  
[source,c]  
--
```



```

#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
void
show_function_name(unsigned long long addr)
{
    const char *fname = tep_find_function(tep, addr);

    if (fname)
        printf("Found function %s at 0x%0llx\n", fname, addr);
    else
        printf("No function found at 0x%0llx\n", addr);
}

void show_function_start_addr(unsigned long long addr)
{
    const char *fname = tep_find_function(tep, addr);
    unsigned long long fstart;

    if (!fname) {
        printf("No function found at 0x%0llx\n", addr);
        return;
    }

    fstart = tep_find_function_address(tep, addr);
    printf("Function %s at 0x%llx starts at 0x%0llx\n",
        fname, addr, fstart);
}

void show_function_info(unsigned long long addr)
{
    const char *fname;
    unsigned long long fstart;
    unsigned long size;

    ret = tep_find_function_info(tep, addr, &fname, &fstart, &size);
    if (!ret) {
        printf("No function found at 0x%0lx\n", addr);
        return;
    }

    printf("Function %s at 0x%lx starts at 0x%0lx and is %ld in size\n",
        fname, addr, fstart, size);
}
...
--

```

FILES

[verse]

--

event-parse.h

Header

file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

libtraceevent is Free Software licensed under the GNU LGPL 2.1

RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

Found in path(s):

* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-func_find.txt

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

libtraceevent(3)

=====

NAME

libtraceevent - Linux kernel trace event library

SYNOPSIS

[verse]

--

```
##include <event-parse.h>
```

Management of tep handler data structure and access of its members:

```
struct tep_handle pass:[*]tep_alloc(void);
void *tep_free*(struct tep_handle pass:[*]_tep_);
void *tep_ref*(struct tep_handle pass:[*]_tep_);
void *tep_unref*(struct tep_handle pass:[*]_tep_);
int *tep_get_ref*(struct tep_handle pass:[*]_tep_);
void *tep_set_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
void *tep_clear_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
bool *tep_test_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flags_);
int *tep_get_cpus*(struct tep_handle pass:[*]_tep_);
void *tep_set_cpus*(struct tep_handle pass:[*]_tep_, int _cpus_);
int *tep_get_long_size*(struct tep_handle pass:[*]_tep_);
void *tep_set_long_size*(struct tep_handle
pass:[*]_tep_, int _long_size_);
int *tep_get_page_size*(struct tep_handle pass:[*]_tep_);
void *tep_set_page_size*(struct tep_handle pass:[*]_tep_, int _page_size_);
int *tep_get_sub_buffer_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_data_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_commit_offset*(struct tep_handle pass:[*]_tep_);
int *tep_get_header_page_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_header_timestamp_size*(struct tep_handle pass:[*]_tep_);
bool *tep_is_old_format*(struct tep_handle pass:[*]_tep_);
int *tep_strerror*(struct tep_handle pass:[*]_tep_, enum tep_errno _errno_, char pass:[*]_buf_, size_t _buflen_);
struct kbuffer pass:[*]tep_kbuffer*(struct tep_handle pass:[*]_tep_);
```

Register / unregister APIs:

```
int *tep_register_function*(struct tep_handle pass:[*]_tep_, char pass:[*]_name_, unsigned long long _addr_, char
pass:[*]_mod_);
int *tep_register_event_handler*(struct tep_handle pass:[*]_tep_, int _id_,
const char pass:[*]_sys_name_, const char pass:[*]_event_name_, tep_event_handler_func _func_, void
pass:[*]_context_);
int *tep_unregister_event_handler*(struct tep_handle pass:[*]tep, int id, const char pass:[*]sys_name, const char
pass:[*]event_name, tep_event_handler_func func, void pass:[*]_context_);
int *tep_register_print_string*(struct tep_handle pass:[*]_tep_, const char pass:[*]_fmt_, unsigned long long
_addr_);
int *tep_register_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, enum
tep_func_arg_type _ret_type_, char pass:[*]_name_, ...);
int *tep_unregister_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, char
pass:[*]_name_);
int *tep_get_function_count*(struct tep_handle *_tep_);
```

Trace printk parsing:

```
void *tep_print_printk*(struct tep_handle pass:[*]tep);
void *tep_print_funcs*(struct tep_handle pass:[*]tep);
void *tep_set_test_filters*(struct tep_handle pass:[*]tep, int test_filters);
```

```
void *tep_plugin_print_options*(struct
trace_seq pass:[*]s);
int *tep_plugin_add_option*(const char pass:[*]_name_, const char pass:[*]_val_);
```

Meta data parsing:

```
int *tep_parse_saved_cmdlines*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_printk_formats*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_kallsyms*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
```

Plugins management:

```
struct tep_plugin_list pass:[*]*tep_load_plugins*(struct tep_handle pass:[*]_tep_);
void *tep_unload_plugins*(struct tep_plugin_list pass:[*]_plugin_list_, struct tep_handle pass:[*]_tep_);
char pass:[*]pass:[*]*tep_plugin_list_options*(void);
void *tep_plugin_free_options_list*(char pass:[*]pass:[*]_list_);
int *tep_plugin_add_options*(const char pass:[*]_name_, struct tep_plugin_option pass:[*]_options_);
void *tep_plugin_remove_options*(struct tep_plugin_option pass:[*]_options_);
void *tep_print_plugins*(struct trace_seq pass:[*]_s_, const char pass:[*]_prefix_,
const char pass:[*]_suffix_, const struct tep_plugin_list pass:[*]_list_);
void *tep_load_plugins_hook*(struct tep_handle pass:[*]_tep_, const char pass:[*]_suffix_,
    void (pass:[*]_load_plugin_)(struct tep_handle pass:[*]tep,
        const char pass:[*]path,
        const char pass:[*]name,
        void pass:[*]data),
    void pass:[*]_data_);
int *tep_add_plugin_path*(struct tep_handle pass:[*]tep, char pass:[*]path,
    enum tep_plugin_load_priority prio);
```

Event related APIs:

```
struct tep_event pass:[*]*tep_get_event*(struct tep_handle pass:[*]_tep_, int _index_);
struct tep_event pass:[*]*tep_get_first_event*(struct tep_handle pass:[*]_tep_);
int *tep_get_events_count*(struct tep_handle pass:[*]_tep_);
struct tep_event pass:[*]pass:[*]*tep_list_events*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type
_sort_type_);
struct tep_event pass:[*]pass:[*]*tep_list_events_copy*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type
_sort_type_);
void
*tep_print_event*(struct tep_handle pass:[*]_tep_, struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_,
const char pass:[*]_fmt_, ...);
```

Event finding:

```
struct tep_event pass:[*]*tep_find_event*(struct tep_handle pass:[*]_tep_, int _id_);
struct tep_event pass:[*]*tep_find_event_by_name*(struct tep_handle pass:[*]_tep_, const char pass:[*]_sys_, const
char pass:[*]_name_);
struct tep_event pass:[*]*tep_find_event_by_record*(struct tep_handle pass:[*]_tep_, struct tep_record
pass:[*]_record_);
bool *tep_record_is_event*(struct tep_record pass:[*]record, struct tep_event pass:[*]event);
```

Parsing of event files:

```

int *tep_parse_header_page*(struct tep_handle pass:[*]_tep_, char pass:[*]_buf_, unsigned long _size_, int
_long_size_);
enum tep_errno *tep_parse_event*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_, unsigned long _size_,
const char pass:[*]_sys_);
enum tep_errno *tep_parse_format*(struct tep_handle pass:[*]_tep_, struct tep_event pass:[*]pass:[*]_eventp_,
const char pass:[*]_buf_, unsigned long _size_, const char pass:[*]_sys_);

```

APIs related to fields from event's format files:

```

struct tep_format_field pass:[*]pass:[*]*tep_event_common_fields*(struct tep_event pass:[*]_event_);
struct tep_format_field pass:[*]pass:[*]*tep_event_fields*(struct tep_event pass:[*]_event_);
void pass:[*]*tep_get_field_raw*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, int pass:[*]_len_, int _err_);
int *tep_get_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char pass:[*]_name_,
struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_common_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_any_field_val*(struct trace_seq pass:[*]_s_, struct
tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long
pass:[*]_val_, int _err_);
int *tep_read_number_field*(struct tep_format_field pass:[*]_field_, const void pass:[*]_data_, unsigned long long
pass:[*]_value_);

```

Event fields printing:

```

void *tep_print_field_content*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int size, struct tep_format_field
pass:[*]_field_);
void *tep_print_fields*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int _size_, struct tep_event
pass:[*]_event_);
int *tep_print_num_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_,
const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);
int *tep_print_func_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_,
const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);
void *tep_record_print_fields*(struct trace_seq pass:[*]_s_,
struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_);
void *tep_record_print_selected_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct
tep_event pass:[*]_event_, int _select_mask_);

```

Event fields finding:

```

struct tep_format_field pass:[*]*tep_find_common_field*(struct tep_event pass:[*]_event_, const char
pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_field*(struct tep_event_ormat pass:[*]_event_, const char
pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_any_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);

```

Functions resolver:

```

int *tep_set_function_resolver*(struct tep_handle pass:[*]_tep_, tep_func_resolver_t pass:[*]_func_, void
pass:[*]_priv_);
void *tep_reset_function_resolver*(struct tep_handle pass:[*]_tep_);
const char pass:[*]*tep_find_function*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);

```

```

unsigned long long *tep_find_function_address*(struct tep_handle pass:[*]_tep_,
unsigned long long _addr_);
int *tep_find_function_info*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_, const char
pass:[*]_name_,
    unsigned long long pass:[*]_start_, unsigned long pass:[*]_size_);

```

Filter management:

```

struct tep_event_filter pass:[*]*tep_filter_alloc*(struct tep_handle pass:[*]_tep_);
enum tep_errno *tep_filter_add_filter_str*(struct tep_event_filter pass:[*]_filter_, const char pass:[*]_filter_str_);
enum tep_errno *tep_filter_match*(struct tep_event_filter pass:[*]_filter_, struct tep_record pass:[*]_record_);
int *tep_filter_strerror*(struct tep_event_filter pass:[*]_filter_, enum tep_errno _err_, char pass:[*]buf, size_t
    _buflen_);
int *tep_event_filtered*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
void *tep_filter_reset*(struct tep_event_filter pass:[*]_filter_);
void *tep_filter_free*(struct tep_event_filter pass:[*]_filter_);
char pass:[*]*tep_filter_make_string*(struct tep_event_filter pass:[*]_filter_, int
    _event_id_);
int *tep_filter_remove_event*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
int *tep_filter_copy*(struct tep_event_filter pass:[*]_dest_, struct tep_event_filter pass:[*]_source_);
int *tep_filter_compare*(struct tep_event_filter pass:[*]_filter1_, struct tep_event_filter pass:[*]_filter2_);

```

Parsing various data from the records:

```

int *tep_data_type*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_pid*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_preempt_count*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_flags*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);

```

Command and task related APIs:

```

const char pass:[*]*tep_data_comm_from_pid*(struct tep_handle pass:[*]_tep_, int _pid_);
struct cmdline pass:[*]*tep_data_pid_from_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_,
struct cmdline pass:[*]_next_);
int *tep_register_comm*(struct
    tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
int *tep_override_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
bool *tep_is_pid_registered*(struct tep_handle pass:[*]_tep_, int _pid_);
int *tep_cmdline_pid*(struct tep_handle pass:[*]_tep_, struct cmdline pass:[*]_cmdline_);

```

Endian related APIs:

```

int *tep_is_bigendian*(void);
unsigned long long *tep_read_number*(struct tep_handle pass:[*]_tep_, const void pass:[*]_ptr_, int _size_);
bool *tep_is_file_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_file_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);
bool *tep_is_local_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_local_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);

```

Control library logs:

```

int *tep_set_loglevel*(enum tep_loglevel _level_);

```

KVM plugin callbacks: (Defined by the application and complied with -rdynamic)

```
const char pass:[*]*tep_plugin_kvm_get_func*(struct
tep_event pass:[*]event,
    struct tep_record pass:[*]record,
    unsigned long long pass:[*]paddr);
void *tep_plugin_kvm_put_func*(const char pass:[*]func);
```

Trace sequences:

```
*#include <trace-seq.h>*
void *trace_seq_init*(struct trace_seq pass:[*]_s_);
void *trace_seq_reset*(struct trace_seq pass:[*]_s_);
void *trace_seq_destroy*(struct trace_seq pass:[*]_s_);
int *trace_seq_printf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, ...);
int *trace_seq_vprintf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, va_list _args_);
int *trace_seq_puts*(struct trace_seq pass:[*]_s_, const char pass:[*]_str_);
int *trace_seq_putc*(struct trace_seq pass:[*]_s_, unsigned char _c_);
void *trace_seq_terminate*(struct trace_seq pass:[*]_s_);
int *trace_seq_do_fprintf*(struct trace_seq pass:[*]_s_, FILE pass:[*]_fp_);
int *trace_seq_do_printf*(struct trace_seq pass:[*]_s_);
```

kbuffer parsing:

```
#include <kbuffer.h>
struct kbuffer pass:[*]*kbuffer_alloc*(enum
kbuffer_long_size _size_, enum kbuffer_endian _endian_);
struct kbuffer pass:[*]*kbuffer_dup*(struct kbuffer pass:[*]_kbuf_);
void *kbuffer_free*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_load_subbuffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuffer_);
int *kbuffer_subbuffer_size*(struct kbuffer pass:[*]_kbuf_);
void pass:[*]*kbuffer_subbuffer*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_refresh*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_start_of_data*(struct kbuffer pass:[*]_kbuf_);
unsigned long long *kbuffer_timestamp*(struct kbuffer pass:[*]_kbuf_);
unsigned long long *kbuffer_subbuf_timestamp*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuf_);
void pass:[*]*kbuffer_read_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_next_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_read_at_offset*(struct kbuffer pass:[*]_kbuf_, int _offset_, unsigned long
long pass:[*]_ts_);
int *kbuffer_missed_events*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_event_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_offset*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_index*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_read_buffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_buffer_, int _start_, int _len_);
--
```

DESCRIPTION

The libtraceevent(3) library provides APIs to access kernel tracepoint events,

located in the tracefs file system under the events directory.

ENVIRONMENT

[verse]

--

TRACEEVENT_PLUGIN_DIR

Additional plugin directory. All shared object files, located in this directory will be loaded as traceevent plugins.

--

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs.

Trace sequences are used

to allow a function to call several other functions

to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

libtraceevent is Free Software licensed under the GNU LGPL 2.1

RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

Found in path(s):

* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent.txt

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libtraceevent(3)

=====

NAME

tep_data_type, tep_data_pid, tep_data_preempt_count, tep_data_flags -
Extract common fields from a record.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
enum *trace_flag_type* {  
    _TRACE_FLAG_IRQS_OFF_,  
    _TRACE_FLAG_IRQS_NOSUPPORT_,  
    _TRACE_FLAG_NEED_RESCHED_,  
    _TRACE_FLAG_HARDIRQ_,  
    _TRACE_FLAG_SOFTIRQ_,  
};
```

```
int *tep_data_type*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);  
int *tep_data_pid*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);  
int *tep_data_preempt_count*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);  
int *tep_data_flags*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);  
--
```

DESCRIPTION

This set of functions can be used to extract common fields from a record.

The `*tep_data_type()` function gets the event id from the record `_rec_`.

It reads the "common_type" field.

The `_tep_` argument is the trace event parser context.

The `*tep_data_pid()` function gets the process id from the record `_rec_`.

It reads the "common_pid" field. The `_tep_` argument is the trace event parser context.

The `*tep_data_preempt_count()` function gets the preemption count from the record `_rec_`. It reads the "common_preempt_count" field. The `_tep_` argument is the trace event parser context.

The `*tep_data_flags()` function gets the latency flags from the record `_rec_`. It reads the "common_flags" field. The `_tep_` argument is the trace event parser context. Supported latency flags are:

[verse]

```
--
_TRACE_FLAG_IRQS_OFF_, Interrupts are disabled.
_TRACE_FLAG_IRQS_NOSUPPORT_, Reading IRQ flag is not supported by the architecture.
_TRACE_FLAG_NEED_RESCHED_, Task needs rescheduling.
_TRACE_FLAG_HARDIRQ_, Hard IRQ is running.
_TRACE_FLAG_SOFTIRQ_, Soft IRQ is running.
--
```

RETURN VALUE

The `*tep_data_type()` function returns an integer, representing the event id.

The

`*tep_data_pid()` function returns an integer, representing the process id

The `*tep_data_preempt_count()` function returns an integer, representing the preemption count.

The `*tep_data_flags()` function returns an integer, representing the latency flags. Look at the `_trace_flag_type_` enum for supported flags.

All these functions in case of an error return a negative integer.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
void process_record(struct tep_record *record)
{
    int data;

    data = tep_data_type(tep, record);
    if (data >= 0) {
        /* Got the ID of the event */
    }

    data = tep_data_pid(tep, record);
    if (data >= 0) {
        /* Got the process ID */
    }
}
```

```

}

data = tep_data_preempt_count(tep, record);
if (data >= 0) {
    /* Got the preemption count */
}

```

```

data = tep_data_flags(tep, record);
if (data >= 0) {
    /* Got the latency flags */
}
}
...
--

```

FILES

```

-----
[verse]
--
*event-parse.h*
Header file to include in order to have access
to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--

```

SEE ALSO

```

-----
*libtraceevent*(3), *trace-cmd*(1)

```

AUTHOR

```

-----
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--

```

REPORTING BUGS

```

-----
Report bugs to <linux-trace-devel@vger.kernel.org>

```

LICENSE

```

-----
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```

RESOURCES

```

-----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

```

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-record_parse.txt

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libtraceevent(3)

=====

NAME

tep_parse_event, tep_parse_format - Parse the event format information

SYNOPSIS

[verse]

--

#include <event-parse.h>

enum tep_errno *tep_parse_event*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_, unsigned long _size_,
const char pass:[*]_sys_);

enum tep_errno *tep_parse_format*(struct tep_handle pass:[*]_tep_, struct tep_event pass:[*]pass:[*]_eventp_,
const char pass:[*]_buf_, unsigned long _size_, const char pass:[*]_sys_);

--

DESCRIPTION

The *tep_parse_event()* function parses the event format and creates an event structure to quickly parse raw data for a given event. The _tep_ argument is the trace event parser context. The created event structure is stored in the _tep_ context. The _buf_ argument is a buffer with _size_, where the event format data is. The event format data can be taken from tracefs/events/.../format files. The _sys_ argument is the system of the event.

The *tep_parse_format()* function does the same as *tep_parse_event()*. The only difference is in the extra _eventp_ argument, where the newly created event structure is returned.

RETURN VALUE

Both *tep_parse_event()* and *tep_parse_format()* functions return 0 on success, or TEP_ERRNO__... in case of an error.

EXAMPLE

[source,c]

--

```

#include <event-parse.h>

...
struct tep_handle *tep = tep_alloc();

...
char *buf;
int size;
struct tep_event *event = NULL;
buf = read_file("/sys/kernel/tracing/events/ftrace/print/format", &size);
if (tep_parse_event(tep, buf, size, "ftrace") != 0) {
    /* Failed to parse the ftrace print format */
}

if (tep_parse_format(tep, &event, buf, size, "ftrace") != 0) {
    /* Failed to parse the ftrace print format */
}

...
--

```

FILES

```

-----
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that
uses the library.
--

```

SEE ALSO

```

-----
*libtraceevent*(3), *trace-cmd*(1)

```

AUTHOR

```

-----
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--

```

REPORTING BUGS

```

-----
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libtraceevent(3)

=====

NAME

tep_filter_alloc, tep_filter_free, tep_filter_reset, tep_filter_make_string,
tep_filter_copy, tep_filter_compare, tep_filter_match, tep_event_filtered,
tep_filter_remove_event, tep_filter_strerror, tep_filter_add_filter_str -
Event filter related APIs.

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

```
struct tep_event_filter pass:[*]tep_filter_alloc*(struct tep_handle pass:[*]_tep_);  
void *tep_filter_free*(struct tep_event_filter pass:[*]_filter_);  
void *tep_filter_reset*(struct tep_event_filter pass:[*]_filter_);  
enum tep_errno *tep_filter_add_filter_str*(struct tep_event_filter pass:[*]_filter_, const char pass:[*]_filter_str_);  
int *tep_event_filtered*(struct tep_event_filter pass:[*]_filter_, int _event_id_);  
int *tep_filter_remove_event*(struct tep_event_filter pass:[*]_filter_, int _event_id_);  
enum tep_errno *tep_filter_match*(struct tep_event_filter pass:[*]_filter_,  
    struct tep_record pass:[*]_record_);  
int *tep_filter_copy*(struct tep_event_filter pass:[*]_dest_, struct tep_event_filter pass:[*]_source_);  
int *tep_filter_compare*(struct tep_event_filter pass:[*]_filter1_, struct tep_event_filter pass:[*]_filter2_);  
char pass:[*]tep_filter_make_string*(struct tep_event_filter pass:[*]_filter_, int _event_id_);  
int *tep_filter_strerror*(struct tep_event_filter pass:[*]_filter_, enum tep_errno _err_, char pass:[*]buf, size_t  
    _buflen_);  
--
```

DESCRIPTION

Filters can be attached to traced events. They can be used to filter out various events when outputting them. Each event can be filtered based on its parameters, described in the event's format file. This set of functions can be used to create, delete, modify and attach event filters.

The `*tep_filter_alloc()*` function creates a new event filter. The `_tep_` argument is the trace event parser context.

The `*tep_filter_free()` function frees an event filter and all resources that it had used.

The `*tep_filter_reset()` function removes all rules from an event filter and resets it.

The `*tep_filter_add_filter_str()` function adds a new rule to the `_filter_`. The `_filter_str_` argument is the filter string, that contains the rule.

The `*tep_event_filtered()` function checks if the event with `_event_id_` has `_filter_`.

The `*tep_filter_remove_event()` function removes a `_filter_` for an event with `_event_id_`.

The `*tep_filter_match()` function tests if a `_record_` matches given `_filter_`.

The `*tep_filter_copy()` function copies a `_source_` filter into a `_dest_` filter.

The `*tep_filter_compare()` function compares two filters - `_filter1_` and `_filter2_`.

The `*tep_filter_make_string()` function constructs a string, displaying the `_filter_` contents for given `_event_id_`.

The `*tep_filter_strerror()` function copies the `_filter_` error buffer into the given `_buf_` with the size `_buflen_`. If the error buffer is empty, in the `_buf_` is copied a string, describing the error `_err_`.

RETURN

VALUE

The `*tep_filter_alloc()` function returns a pointer to the newly created event filter, or NULL in case of an error.

The `*tep_filter_add_filter_str()` function returns 0 if the rule was successfully added or a negative error code. Use `*tep_filter_strerror()` to see actual error message in case of an error.

The `*tep_event_filtered()` function returns 1 if the filter is found for given event, or 0 otherwise.

The `*tep_filter_remove_event()` function returns 1 if the event was removed, or 0 if the event was not found.

The `*tep_filter_match()` function returns `_tep_errno_`, according to the result:
[verse]

```
--
_pass:[TEP_ERRNO__FILTER_MATCH]_ - filter found for event, the record matches.
_pass:[TEP_ERRNO__FILTER_MISS]_ - filter found for event, the record does not match.
_pass:[TEP_ERRNO__FILTER_NOT_FOUND]_ - no filter found for record's event.
_pass:[TEP_ERRNO__NO_FILTER]_ - no rules in the filter.
--
or any other _tep_errno_, if an error occurred during the test.
```

The

tep_filter_copy() function returns 0 on success or -1 if not all rules were copied.

The *tep_filter_compare()* function returns 1 if the two filters hold the same content, or 0 if they do not.

The *tep_filter_make_string()* function returns a string, which must be freed with free(), or NULL in case of an error.

The *tep_filter_strerror()* function returns 0 if message was filled successfully, or -1 in case of an error.

EXAMPLE

```
-----
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
char errstr[200];
int ret;

struct tep_event_filter *filter = tep_filter_alloc(tep);
struct tep_event_filter *filter1 = tep_filter_alloc(tep);
ret = tep_filter_add_filter_str(filter, "sched/sched_wakeup:target_cpu==1");
if(ret < 0) {
    tep_filter_strerror(filter, ret, errstr, sizeof(errstr));
    /* Failed to add a new rule to the filter, the error string is in errstr */
}
if (tep_filter_copy(filter1, filter) != 0) {
    /* Failed to copy filter in filter1 */
}
...
if
(tep_filter_compare(filter, filter1) != 1) {
    /* Both filters are different */
}
...
```



```

void process_record(struct tep_handle *tep, struct tep_record *record)
{
    struct tep_event *event;
    char *fstring;

    event = tep_find_event_by_record(tep, record);

    if (tep_event_filtered(filter, event->id) == 1) {
        /* The event has filter */
        fstring = tep_filter_make_string(filter, event->id);
        if (fstring != NULL) {
            /* The filter for the event is in fstring */
            free(fstring);
        }
    }

    switch (tep_filter_match(filter, record)) {
    case TEP_ERRNO__FILTER_MATCH:
        /* The filter matches the record */
        break;
    case TEP_ERRNO__FILTER_MISS:
        /* The filter does not match the record */
        break;
    case TEP_ERRNO__FILTER_NOT_FOUND:
        /* No filter found for record's event */
        break;
    case TEP_ERRNO__NO_FILTER:
        /* There are no rules in the filter */
        break;
    default:
        /* An error occurred during the test */
        break;
    }

    if (tep_filter_remove_event(filter, event->id) == 1) {
        /* The event was removed
        from the filter */
    }
}

...
tep_filter_reset(filter);
...
tep_filter_free(filter);
tep_filter_free(filter1);
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_read_number - Reads a number from raw data.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
unsigned long long *tep_read_number*(struct tep_handle pass:[*]_tep_, const void pass:[*]_ptr_, int _size_);  
--
```

DESCRIPTION

The `*tep_read_number()` function reads an integer from raw data, taking into account the endianness of the raw data and the current host. The `_tep_` argument is the trace event parser context. The `_ptr_` is a pointer to the raw data, where the integer is, and the `_size_` is the size of the integer.

RETURN VALUE

The `*tep_read_number()` function returns the integer in the byte order of the current host. In case of an error, 0 is returned.

EXAMPLE

```
[source,c]  
--  
#include <event-parse.h>  
...  
struct tep_handle *tep = tep_alloc();  
...  
void process_record(struct tep_record *record)  
{  
    int offset = 24;  
    int data = tep_read_number(tep,  
        record->data + offset, 4);  
  
    /* Read the 4 bytes at the offset 24 of data as an integer */  
}  
...  
--
```

FILES

```
[verse]  
--  
*event-parse.h*  
Header file to include in order to have access to the library APIs.  
*-ltraceevent*  
Linker switch to add when building a program that uses the library.  
--
```

SEE ALSO

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_register_event_handler, tep_unregister_event_handler - Register /
unregisters a callback function to parse an event information.

SYNOPSIS

[verse]

--

#include <event-parse.h>

```
enum *tep_reg_handler* {  
    _TEP_REGISTER_SUCCESS_,  
    _TEP_REGISTER_SUCCESS_OVERWRITE_,  
};
```

```
int *tep_register_event_handler*(struct tep_handle pass:[*]_tep_, int _id_, const char pass:[*]_sys_name_, const  
char pass:[*]_event_name_, tep_event_handler_func _func_, void pass:[*]_context_);
```

```
int *tep_unregister_event_handler*(struct tep_handle pass:[*]tep, int id, const char pass:[*]sys_name, const char  
pass:[*]event_name, tep_event_handler_func func, void pass:[*]_context_);
```

```
typedef int (*pass:[*])tep_event_handler_func*)(struct trace_seq pass:[*]s, struct tep_record pass:[*]record, struct
tep_event pass:[*]event, void pass:[*]context);
--
```

DESCRIPTION

The `*tep_register_event_handler()`

function registers a handler function,

which is going to be called to parse the information for a given event.

The `_tep_` argument is the trace event parser context. The `_id_` argument is

the id of the event. The `_sys_name_` argument is the name of the system,

the event belongs to. The `_event_name_` argument is the name of the event.

If `_id_` is ≥ 0 , it is used to find the event, otherwise `_sys_name_` and

`_event_name_` are used. The `_func_` is a pointer to the function, which is going

to be called to parse the event information. The `_context_` argument is a pointer

to the context data, which will be passed to the `_func_`. If a handler function

for the same event is already registered, it will be overridden with the new

one. This mechanism allows a developer to override the parsing of a given event.

If for some reason the default print format is not sufficient, the developer

can register a function for an event to be used to parse the data instead.

The `*tep_unregister_event_handler()` function

unregisters the handler function,

previously registered with `*tep_register_event_handler()`. The `_tep_` argument

is the trace event parser context. The `_id_`, `_sys_name_`, `_event_name_`, `_func_`,

and `_context_` are the same arguments, as when the callback function `_func_` was registered.

The `_tep_event_handler_func_` is the type of the custom event handler

function. The `_s_` argument is the trace sequence, it can be used to create a

custom string, describing the event. A `_record_` to get the event from is passed

as input parameter and also the `_event_` - the handle to the record's event. The

`_context_` is custom context, set when the custom event handler is registered.

RETURN VALUE

The `*tep_register_event_handler()` function returns `_TEP_REGISTER_SUCCESS_`

if the new handler is registered successfully or

`_TEP_REGISTER_SUCCESS_OVERWRITE_` if an existing handler is overwritten.

If there is not enough memory to complete the registration,

`TEP_ERRNO__MEM_ALLOC_FAILED` is returned.

The

`*tep_unregister_event_handler()` function returns 0 if `_func_` was removed

successful or, -1 if the event was not found.

The `_tep_event_handler_func_` should return -1 in case of an error,

or 0 otherwise.

EXAMPLE

```
-----
[source,c]
--
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
int timer_expire_handler(struct trace_seq *s, struct tep_record *record,
    struct tep_event *event, void *context)
{
    trace_seq_printf(s, "hrtimer=");

    if (tep_print_num_field(s, "0x%llx", event, "timer", record, 0) == -1)
        tep_print_num_field(s, "0x%llx", event, "hrtimer", record, 1);

    trace_seq_printf(s, " now=");

    tep_print_num_field(s, "%llu", event, "now", record, 1);

    tep_print_func_field(s, " function=%s", event, "function", record, 0);

    return 0;
}
...
int ret;

ret = tep_register_event_handler(tep, -1, "timer", "hrtimer_expire_entry",
    timer_expire_handler, NULL);
if (ret < 0) {
    char buf[32];

    tep_strerror(tep, ret, buf, 32)
    printf("Failed
to register handler for hrtimer_expire_entry: %s\n", buf);
} else {
    switch (ret) {
    case TEP_REGISTER_SUCCESS:
        printf ("Registered handler for hrtimer_expire_entry\n");
        break;
    case TEP_REGISTER_SUCCESS_OVERWRITE:
        printf ("Overwrote handler for hrtimer_expire_entry\n");
        break;
    }
}
```

```
...
ret = tep_unregister_event_handler(tep, -1, "timer", "hrtimer_expire_entry",
    timer_expire_handler, NULL);
if ( ret )
    printf ("Failed to unregister handler for hrtimer_expire_entry\n");
```

--

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

trace-seq.h

Header file to include in order to have access to trace sequences related APIs. Trace sequences are used to allow a function to call several other functions to create a string of data to use.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**

AUTHOR

[verse]

--

***Steven**

Rostedt* <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_strerror - Returns a string describing regular errno and tep error number.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
int *tep_strerror*(struct tep_handle pass:[*]_tep_, enum tep_errno _errnum_, char pass:[*]_buf_, size_t _buflen_);
```

--

DESCRIPTION

The `*tep_strerror()` function converts tep error number into a human readable string.

The `_tep_` argument is trace event parser context. The `_errnum_` is a regular errno, defined in `errno.h`, or a tep error number. The string, describing this error number is copied in the `_buf_` argument. The `_buflen_` argument is the size of the `_buf_`.

It as a thread safe wrapper around `strerror_r()`. The library function has two different behaviors - POSIX and GNU specific. The `*tep_strerror()` API always behaves as the POSIX version - the error string is copied in the user supplied buffer.

RETURN VALUE

The

`*tep_strerror()` function returns 0, if a valid `_errnum_` is passed and the string is copied into `_buf_`. If `_errnum_` is not a valid error number, -1 is returned and `_buf_` is not modified.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

...

```
struct tep_handle *tep = tep_alloc();
```

...

```
char buf[32];
```



```

char *pool = calloc(1, 128);
if (tep == NULL) {
    tep_strerror(tep, TEP_ERRNO__MEM_ALLOC_FAILED, buf, 32);
    printf ("The pool is not initialized, %s", buf);
}
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3), *trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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 - */

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libtraceevent(3)

=====

NAME

tep_get_long_size, tep_set_long_size - Get / set the size of a long integer on the machine, where the trace is generated, in bytes

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
int *tep_get_long_size*(struct tep_handle pass:[*]_tep_);
```

```
void *tep_set_long_size*(struct tep_handle pass:[*]_tep_, int _long_size_);
```

--

DESCRIPTION

The `*tep_get_long_size()` function returns the size of a long integer on the machine, where the trace is generated. The `_tep_` argument is trace event parser context.

The `*tep_set_long_size()` function sets the size of a long integer on the machine, where the trace is generated. The `_tep_` argument is trace event parser context. The `_long_size_` is the size of a long integer, in bytes.

RETURN VALUE

The `*tep_get_long_size()` function returns the size of a long integer on the machine, where the trace is generated, in bytes.

EXAMPLE

```
-----  
[source,c]  
--  
#include <event-parse.h>  
...  
struct tep_handle *tep = tep_alloc();  
...  
tep_set_long_size(tep, 4);  
...  
int long_size = tep_get_long_size(tep);  
...  
--
```

FILES

```
-----  
[verse]  
--  
*event-parse.h*  
Header file to include in order to have access to the library APIs.  
*-ltraceevent*  
Linker switch to add when building a program that uses the library.  
--
```

SEE ALSO

```
-----  
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

```
-----  
[verse]  
--  
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.  
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.  
--
```

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```
-----  
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```

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```
-----  
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```

RESOURCES

<https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/>

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-long_size.txt

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libtraceevent(3)

=====

NAME

tep_event_common_fields, tep_event_fields - Get a list of fields for an event.

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

`struct tep_format_field pass:[*]pass:[*]*tep_event_common_fields*(struct tep_event pass:[*]_event_);`

`struct tep_format_field pass:[*]pass:[*]*tep_event_fields*(struct tep_event pass:[*]_event_);`

--

DESCRIPTION

The `*tep_event_common_fields()` function returns an array of pointers to common fields for the `_event_`. The array is allocated in the function and must be freed by `free()`. The last element of the array is `NULL`.

The `*tep_event_fields()` function returns an array of pointers to event specific fields for the `_event_`. The array is allocated in the function and must be freed by `free()`. The last element of the array is `NULL`.

RETURN VALUE

Both `*tep_event_common_fields()` and `*tep_event_fields()` functions return an array of pointers to `tep_format_field` structures in case of success, or `NULL` in case of an error.

EXAMPLE

[source,c]

--

`#include <event-parse.h>`

...

`struct tep_handle *tep = tep_alloc();`

```

...
int i;
struct tep_format_field **fields;
struct tep_event *event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
if (event != NULL) {
    fields = tep_event_common_fields(event);
    if (fields != NULL) {
        i = 0;
        while (fields[i]) {
            /*
             * walk through the list of the common fields
             * of the kvm_exit event
             */
            i++;
        }
        free(fields);
    }
    fields = tep_event_fields(event);
    if (fields != NULL) {
        i = 0;
        while (fields[i]) {
            /*
             * walk through the list of the event specific
             * fields of the kvm_exit event
             */
            i++;
        }
        free(fields);
    }
}
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3),**

***trace-cmd*(1)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)

=====

NAME

tep_get_event, tep_get_first_event, tep_get_events_count - Access events.

SYNOPSIS

[verse]

--

#include <event-parse.h>

struct tep_event pass:[*]*tep_get_event*(struct tep_handle pass:[*]_tep_, int _index_);

struct tep_event pass:[*]*tep_get_first_event*(struct tep_handle pass:[*]_tep_);

int *tep_get_events_count*(struct tep_handle pass:[*]_tep_);

--

DESCRIPTION

The *tep_get_event()* function returns a pointer to event at the given _index_.

The _tep_ argument is trace event parser context, the _index_ is the index of the requested event.

The *tep_get_first_event()* function returns a pointer to the first event.

As events are stored in an array, this function returns the pointer to the beginning of the array. The `_tep_` argument is trace event parser context.

The `*tep_get_events_count()*` function returns the number of the events in the array. The `_tep_` argument is trace event parser context.

RETURN VALUE

The `*tep_get_event()*` returns a pointer to the event located at `_index_`. NULL is returned in case of error, in case there are no events or `_index_` is out of range.

The `*tep_get_first_event()*` returns a pointer to the first event. NULL is returned in case of error, or in case there are no events.

The `*tep_get_events_count()*` returns the number of the events. 0 is returned in case of error, or in case there are no events.

EXAMPLE

```
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int i,count = tep_get_events_count(tep);
struct tep_event *event, *events = tep_get_first_event(tep);

if (events == NULL) {
    /* There are no events */
} else {
    for (i = 0; i < count; i++) {
        event = (events+i);
        /* process events[i] */
    }

    /* Get the last event */
    event = tep_get_event(tep, count-1);
}
--
```

FILES

```
[verse]
--
*event-parse.h*
```


Header file to include in order to have access
to the library APIs.

`*-ltraceevent*`

Linker switch to add when building a program that uses the library.

--

SEE ALSO

`*libtraceevent*(3)`, `*trace-cmd*(1)`

AUTHOR

[verse]

--

`*Steven Rostedt*` <rostedt@goodmis.org>, author of `*libtraceevent*`.

`*Tzvetomir Stoyanov*` <tz.stoyanov@gmail.com>, author of this man page.

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libtraceevent(3)

=====

NAME

tep_parse_saved_cmdlines, tep_parse_printk_formats, tep_parse_kallsyms

- Parsing functions to load mappings

SYNOPSIS

[verse]

--

`*#include <event-parse.h>*`

`int *tep_parse_saved_cmdlines*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);`

```
int *tep_parse_printk_formats*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_kallsyms*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
--
```

DESCRIPTION

`*tep_parse_saved_cmdlines()` is a helper function to parse content in the tracefs file system of the "saved_cmdlines" file (stored in a string buffer passed in by `_buf_`) and loads the mapping of the process IDs (pid) to the comm names in the `_tep_` handler. The events store the pid and this is used to be able to show the process names associated to those process ids. It parses the string `_buf_` that holds the content of saved_cmdlines and ends with a nul character (`\0`).

`*tep_parse_printk_formats()` is a helper function to parse content in the tracefs file system of the "printk_formats" file (stored in a string buffer passed in by `_buf_`) and loads the mapping of addresses of strings that may be referenced by events. Events only store the address of constant strings in the kernel, and the mapping of their address to the string is exported to user space in the `printk_formats` file. It parses the string `_buf_` that holds the content of `printk_formats` and ends with a nul character (`\0`).

`*tep_parse_kallsyms()` is a helper function to parse the Linux kernel `/proc/kallsyms` format (stored in a string buffer passed in by `_buf_`) and load the functions into the `_tep_` handler such that function IP addresses can be mapped to their name when parsing events with `%pS` in the print format field. It parses the string `_buf_` that holds the content of `/proc/kallsyms` and ends with a nul character (`\0`).

RETURN VALUE

The

`*tep_parse_saved_cmdlines()` function returns 0 in case of success, or -1 in case of an error.

The `*tep_parse_printk_formats()` function returns 0 in case of success, or -1 in case of an error.

The `*tep_parse_kallsyms()` function returns 0 in case of success, or -1 in case of an error.

EXAMPLE

[source,c]

--

...

```
#include <event-parse.h>
```

```
#include <tracefs.h>
```

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

```

int load_cmdlines(struct tep_handle *tep)
{
    char *buf = NULL;
    int r;

    buf = tracefs_instance_file_read(NULL, "saved_cmdlines", NULL);
    if (!buf)
        return -1;
    r = tep_parse_saved_cmdlines(tep, buf);
    free(buf);
    return r;
}

```

```

int load_print_strings(struct tep_handle *tep)
{
    char *buf = NULL;
    int r;

    buf = tracefs_instance_file_read(NULL, "printk_formats", NULL);
    if (!buf)
        return -1;
    r = tep_parse_printk_formats(tep, buf);
    free(buf);
    return r;
}

```

```

int load_kallsyms(struct
tep_handle *tep)
{
    char *line = NULL;
    char *buf = NULL;
    size_t sz = 0;
    FILE *fp;
    int len = 0;
    int r;

    fp = fopen("/proc/kallsyms", "r");
    while ((r = getline(&line, &sz, fp)) >= 0) {
        buf = realloc(buf, len + r + 1);
        memcpy(buf + len, line, r);
        len += r;
    }
    free(line);
    fclose(fp);
    if (!buf)
        return -1;
    buf[len] = 0;
}

```

```

    r = tep_parse_kallsyms(tep, buf);
    free(buf);
    return r;
}
...
--

```

FILES

[verse]

--

event-parse.h

Header file to include in order to have access to the library APIs.

-ltraceevent

Linker switch to add when building a program that uses the library.

--

SEE ALSO

***libtraceevent*(3)**, ***trace-cmd*(1)**, ***tep_register_comm*(3)**, ***tep_register_function*(3)**,
***tep_register_print_string*(3)**

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of ***libtraceevent***.

***Tzvetomir**

Stoyanov* <tz.stoyanov@gmail.com>, coauthor of ***libtraceevent***.

--

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RESOURCES

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libtraceevent(3)

=====

NAME

tep_is_file_bigendian, tep_set_file_bigendian - Get / set the endianness of the raw data being accessed by the tep handler.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
enum *tep_endian* {  
    TEP_LITTLE_ENDIAN = 0,  
    TEP_BIG_ENDIAN  
};
```

```
bool *tep_is_file_bigendian*(struct tep_handle pass:[*]_tep_);
```

```
void *tep_set_file_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);
```

--

DESCRIPTION

The `*tep_is_file_bigendian()` function gets the endianness of the raw data, being accessed by the tep handler. The `_tep_` argument is trace event parser context.

The `*tep_set_file_bigendian()` function sets the endianness of raw data being accessed by the tep handler. The `_tep_` argument is trace event parser context.

[verse]

--

The `_endian_` argument is the endianness:

`_TEP_LITTLE_ENDIAN_` - the raw data is in little endian format,

`_TEP_BIG_ENDIAN_` - the raw data is in big endian format.

--

RETURN VALUE

The `*tep_is_file_bigendian()` function returns true if the data is in bigendian format, false otherwise.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

...

```

struct tep_handle *tep = tep_alloc();
...
tep_set_file_bigendian(tep, TEP_LITTLE_ENDIAN);
...
if (tep_is_file_bigendian(tep)) {
    /* The raw data is in big endian */
} else {
    /* The raw data is in little endian */
}
--

```

FILES

```

-----
[verse]
--
*event-parse.h*
Header file to include in order to have access to the library APIs.
*-ltraceevent*
Linker switch to add when building a program that uses the library.
--

```

SEE ALSO

```

-----
*libtraceevent*(3), *trace-cmd*(1)

```

AUTHOR

```

-----
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--

```

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```

-----
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```

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RESOURCES

```

-----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

```

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```

* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-file_endian.txt

```

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libtraceevent(3)

=====

NAME

tep_is_bigendian, tep_is_local_bigendian, tep_set_local_bigendian - Get / set the endianness of the local machine.

SYNOPSIS

[verse]

--

```
*#include <event-parse.h>*
```

```
enum *tep_endian* {  
    TEP_LITTLE_ENDIAN = 0,  
    TEP_BIG_ENDIAN  
};
```

```
int *tep_is_bigendian*(void);  
bool *tep_is_local_bigendian*(struct tep_handle pass:[*]_tep_);  
void *tep_set_local_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);  
--
```

DESCRIPTION

The `*tep_is_bigendian()*` gets the endianness of the machine, executing the function.

The `*tep_is_local_bigendian()*` function gets the endianness of the local machine, saved in the `_tep_` handler. The `_tep_` argument is the trace event parser context. This API is a bit faster than `*tep_is_bigendian()*`, as it returns cached endianness of the local machine instead of checking it each time.

The `*tep_set_local_bigendian()*` function sets the endianness of the local machine in the `_tep_` handler. The `_tep_` argument is trace event parser context. The `_endian_` argument is the endianness:

[verse]

--

```
_TEP_LITTLE_ENDIAN_ - the machine is little endian,  
_TEP_BIG_ENDIAN_ - the machine is big endian.
```

--

RETURN VALUE

The `*tep_is_bigendian()` function returns non zero if the endianness of the machine, executing the code, is big endian and zero otherwise.

The `*tep_is_local_bigendian()` function returns true, if the endianness of the local machine, saved in the `_tep_handler`, is big endian, or false otherwise.

EXAMPLE

[source,c]

--

```
#include <event-parse.h>
```

...

```
struct tep_handle *tep = tep_alloc();
```

...

```
if (tep_is_bigendian())
```

```
    tep_set_local_bigendian(tep, TEP_BIG_ENDIAN);
```

```
else
```

```
    tep_set_local_bigendian(tep, TEP_LITTLE_ENDIAN);
```

...

```
if (tep_is_local_bigendian(tep))
```

```
    printf("This machine you are running on is bigendian\n");
```

```
else
```

```
    printf("This machine you are running on is little endian\n");
```

--

FILES

[verse]

--

`*event-parse.h*`

Header

file to include in order to have access to the library APIs.

`*-ltraceevent*`

Linker switch to add when building a program that uses the library.

--

SEE ALSO

`*libtraceevent*(3)`, `*trace-cmd*(1)`

AUTHOR

[verse]

--

`*Steven Rostedt*` <rostedt@goodmis.org>, author of `*libtraceevent*`.

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Julian Seward, jseward@bzip.org
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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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1.180 abseil-cpp 20230125.1

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1.181 python-pexpect 4.7.0

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man/sha2.3

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1.186 harfbuzz 4.0.1

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1.187 python3-certifi 2021.10.8

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

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1.188 python3-cryptography 36.0.2

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contains code derived from the library, whereas the latter must be combined with the library in order to run.

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@item

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable ``work that
uses the Library'', as object code and/or source code, so that the
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executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A
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library already present on the user's computer system, rather than
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and (2) will operate
properly with a modified version of the library, if the user installs
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@item

Accompany the work with a written offer, valid for at
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than the cost of performing this distribution.

@item

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@item

Verify that the user has already received a copy of these
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@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
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1.194 mtools 4.0.38

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

- *
 - * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 - * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 - * see init_nicstar() for PHY initialization to change this. This driver
 - * expects the Linux ATM stack to support scatter-gather lists
 - * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
- *
 - * Implementing minimal-copy of received data:
 - * IDT always receives data into a small buffer, then large buffers
 - * as needed. This means that data must always be copied to create
 - * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 - * Fix is simple: make large buffers large enough to hold entire
 - * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 - * copy small buffer contents to head of large buffer.
 - * Trick is to avoid fragmenting Linux, due to need for a lot of large
 - * buffers. This is done by 2 things:
 - * 1) skb->destructor / skb->atm.recycle_buffer
 - * combined, allow nicstar_free_rx_skb to be called to
 - * recycle large data buffers
 - * 2) skb_clone of received buffers
 - * See nicstar_free_rx_skb and linearize_buffer for implementation
 - * details.
- *
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 - * M. Welsh, 6 July 1996
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1.203 python3-click 8.1.2

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```
[metadata]
name = click
version = attr: click.__version__
url = https://palletsprojects.com/p/click/
project_urls =
    Donate = https://palletsprojects.com/donate
    Documentation = https://click.palletsprojects.com/
    Changes = https://click.palletsprojects.com/changes/
    Source Code = https://github.com/pallets/click/
    Issue Tracker = https://github.com/pallets/click/issues/
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license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
```

```
maintainer_email = contact@palletsprojects.com
description = Composable command line interface toolkit
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
    Development Status :: 5 - Production/Stable
    Intended Audience :: Developers
    License :: OSI Approved :: BSD License
    Operating System :: OS
    Independent
    Programming Language :: Python
```

```
[options]
packages = find:
package_dir = = src
include_package_data = True
python_requires = >= 3.7
```

```
[options.packages.find]
where = src
```

```
[tool:pytest]
testpaths = tests
filterwarnings =
    error
```

```
[coverage:run]
branch = True
source =
    click
    tests
```

```
[coverage:paths]
source =
    src
    */site-packages
```

```
[flake8]
select = B, E, F, W, B9, ISC
ignore =
    E203
    E501
    E722
    W503
max-line-length = 80
per-file-ignores =
    src/click/__init__.py: F401
```

```
[mypy]
files = src/click
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
check_untyped_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

```
[mypy-colorama.*]
ignore_missing_imports = True
```

```
[mypy-importlib_metadata.*]
ignore_missing_imports
= True
```

```
[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):
* /click-8.1.2-1-tar-gz/click-8.1.2/setup.cfg

1.204 python3-zopeinterface 5.4.0

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1.205 python3-twisted 22.2.0

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1.206 python3-attrs 21.4.0

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1.207 pam-radius 3.0.0

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1.210 simple launcher 1.1.0.14

1.210.1 Available under license :

A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes

the various releases.

| Release | Derived
from | Year | Owner | GPL-
compatible? (1) |
|----------------|-----------------|-----------|------------|-------------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | | | | |
| 2.1.2 | 2002 | PSF | yes | |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
| 3.1 | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1 | 2010 | PSF | yes |
| 3.2 | 3.1 | 2010 | PSF | yes |

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=====

Distutils2 Contributors

=====

The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

Thanks to:

- Rajiv Abraham
- Ali Afshar
- David Barnett
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- Anthony Baxter
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- Victor Stinner
- Alexandre Vassalotti
- Nadeem Vawda

Metadata-Version: 1.0

Name: setuptools

Version: 0.6c9

Summary: Download, build, install, upgrade, and uninstall Python packages -- easily!

Home-page: <http://pypi.org/pypi/setuptools>

Author: Phillip J. Eby

Author-email: distutils-sig@python.org

License: PSF or ZPL

Description: =====

Installing and Using Setuptools

=====

.. contents:: **Table of Contents**

Installation Instructions

Windows

=====

Install setuptools using the provided ``.exe`` installer. If you've previously installed older versions of setuptools, please delete all ``setuptools*.egg`` and ``setuptools.pth`` files from your system's ``site-packages`` directory (and any other ``sys.path`` directories) FIRST.

If you are upgrading a previous version of setuptools that was installed using an ``.exe`` installer, please be sure to also `*uninstall that older version*` via your system's "Add/Remove Programs" feature, BEFORE installing the newer version.

Once installation is complete, you will find an ``.easy_install.exe`` program in your Python ``.Scripts`` subdirectory. Be sure to add this directory to your ``.PATH`` environment variable, if you haven't already done so.

RPM-Based Systems

=====

Install setuptools using the provided source RPM. The included ``.spec`` file assumes you are installing using the default ``.python`` executable, and is not specific to a particular Python version. The ``.easy_install`` executable will be installed to a system ``.bin`` directory such as ``.usr/bin``.

If you wish to install to a location other than the default Python installation's default ``.site-packages`` directory (and ``.prefix/bin`` for scripts), please use the ``.egg``-based installation approach described in the following section.

Cygwin, Mac OS X, Linux, Other

=====

1. Download the appropriate egg for your version of Python (e.g. ``.setuptools-0.6c9-py2.4.egg``). Do NOT rename it.
2. Run it as if it were a shell script, e.g. ``.sh setuptools-0.6c9-py2.4.egg``. Setuptools will install itself using the matching version of Python (e.g. ``.python2.4``), and will place the ``.easy_install`` executable in the default location for installing Python scripts (as determined by the standard distutils configuration files, or by the Python installation).

If you want to install setuptools to somewhere other than ``.site-packages`` or your default distutils installation locations for libraries and scripts, you may include EasyInstall command-line options such as ``.--prefix``, ``.--install-dir``, and so on, following the ``.egg`` filename on the same command line. For example::

```
sh setuptools-0.6c9-py2.4.egg --prefix=~
```

You can use ``--help`` to get a full options list, but we recommend consulting the `EasyInstall manual`_ for detailed instructions, especially `the section on custom installation locations`_.

.. _EasyInstall manual: <http://peak.telecommunity.com/DevCenter/EasyInstall>
.. _the section on custom installation locations: <http://peak.telecommunity.com/DevCenter/EasyInstall#custom-installation-locations>

Cygwin Note

If you are trying to install setuptools for the **Windows** version of Python (as opposed to the Cygwin version that lives in ``/usr/bin``), you must make sure that an appropriate executable (``python2.3``, ``python2.4``, or ``python2.5``) is on your **Cygwin** ``PATH`` when invoking the egg. For example, doing the following at a Cygwin bash prompt will install setuptools for the **Windows** Python found at ``C:\Python24``:

```
ln -s /cygdrive/c/Python24/python.exe python2.4
PATH=.:$PATH sh setuptools-0.6c9-py2.4.egg
rm python2.4
```

Downloads

=====

All setuptools downloads can be found at `the project's home page in the Python Package Index`_. Scroll to the very bottom of the page to find the links.

.. _the project's home page in the Python Package Index: <http://pypi.org/pypi/setuptools>

In addition to the PyPI downloads, the development version of ``setuptools`` is available from the `Python SVN sandbox`_, and in-development versions of the `0.6 branch`_ are available as well.

.. _0.6 branch: <http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06>

.. _Python SVN sandbox: <http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev>

Using Setuptools and EasyInstall

Here are some of the available manuals, tutorials, and other resources for learning about Setuptools, Python Eggs, and EasyInstall:

- * `The EasyInstall user's guide and reference manual`_
- * `The setuptools Developer's Guide`_
- * `The pkg_resources API reference`_
- * `Package Compatibility Notes`_ (user-maintained)
- * `The Internal Structure of Python Eggs`_

Questions, comments, and bug reports should be directed to the `distutils-sig mailing list`_. If you have written (or know of) any tutorials, documentation, plug-ins, or other resources for setuptools users, please let us know about them there, so this reference list can be updated. If you have working, *tested* patches to correct problems or add features, you may submit them to the `setuptools bug tracker`_.

.. _setuptools bug tracker: <http://bugs.python.org/setuptools/>
 .. _Package Compatibility Notes: <http://peak.telecommunity.com/DevCenter/PackageNotes>
 .. _The Internal Structure of Python Eggs: <http://peak.telecommunity.com/DevCenter/EggFormats>
 .. _The setuptools Developer's Guide: <http://peak.telecommunity.com/DevCenter/setuptools>
 .. _The pkg_resources API reference: <http://peak.telecommunity.com/DevCenter/PkgResources>
 .. _The EasyInstall user's guide and reference manual: <http://peak.telecommunity.com/DevCenter/EasyInstall>
 .. _distutils-sig mailing list: <http://mail.python.org/pipermail/distutils-sig/>

----- Credits -----

* The original design for the ``.egg`` format and the ``pkg_resources`` API was co-created by Phillip Eby and Bob Ippolito. Bob also implemented the first version of ``pkg_resources``, and supplied the OS X operating system version compatibility algorithm.

* Ian Bicking implemented many early "creature comfort" features of `easy_install`, including support for downloading via Sourceforge and Subversion repositories. Ian's comments on the Web-SIG about WSGI application deployment also inspired the concept of "entry points" in eggs, and he has given talks at PyCon and elsewhere to inform and educate the community about eggs and setuptools.

* Jim Fulton contributed time and effort to build automated tests of various aspects of ``easy_install``, and supplied the doctests for the command-line ``.exe`` wrappers on Windows.

* Phillip J. Eby is the principal author and maintainer of setuptools, and first proposed the idea of an importable binary distribution format for Python application plug-ins.

* Significant parts of the implementation of setuptools were funded by the Open

Source Applications Foundation, to provide a plug-in infrastructure for the Chandler PIM application.

In addition, many OSAF staffers (such as Mike

"Code Bear" Taylor) contributed their time and stress as guinea pigs for the use of eggs and setuptools, even before eggs were "cool". (Thanks, guys!)

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Platform: UNKNOWN

Classifier: Development Status :: 3 - Alpha

Classifier: Intended Audience :: Developers

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1.215 ice 1.12.7

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1.220 tpm2-abrmd 2.3.3

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1.221 python3-inotify 0.2.10

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1.222 kbd 2.4.0

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1.223 kerberos 1.17

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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
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
lib/libgss/g_utils.c
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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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

- 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/iprof_hdr.h
kadmin/server/iprof_svc.c
lib/kdb/iprof.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
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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '
'))"/>

<xsl:text>
</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '
')"/>

<xsl:if test="translate(\$rest, '	 ', ' ')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

<xsl:variable name="isc.copyright.text">

<xsl:text>

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</xsl:text>

</xsl:variable>

<xsl:variable name="isc.copyright">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text">

<xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">

<xsl:text>Copyright (C) </xsl:text>

<xsl:call-template name="copyright.years">

<xsl:with-param name="years" select="db:year"/>

</xsl:call-template>

<xsl:text> </xsl:text>

<xsl:value-of select="db:holder"/>

<xsl:value-of select="\$isc.copyright.breakline"/>

<xsl:text>
</xsl:text>

</xsl:for-each>

<xsl:value-of

select="\$isc.copyright.text"/>

</xsl:with-param>

</xsl:call-template>

</xsl:variable>

</xsl:stylesheet>

<!--

- Local variables:

- mode: sgml

- End:

-->

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1.228 gawk 5.1.1

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```
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```

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```

#ifndef UTIL_LINUX_PT_BSD_H
#define UTIL_LINUX_PT_BSD_H

#define BSD_MAXPARTITIONS 16
#define BSD_FS_UNUSED 0

#ifndef BSD_DISKMAGIC
# define BSD_DISKMAGIC ((uint32_t) 0x82564557)
#endif

#define BSD_LINUX_BOOTDIR "/usr/ucb/mdec"

#if defined (__alpha__) || defined (__powerpc__) || \
    defined (__ia64__) || defined (__hppa__)
# define BSD_LABELSECTOR 0
# define BSD_LABELOFFSET 64
#else
# define BSD_LABELSECTOR 1
# define BSD_LABELOFFSET 0
#endif

#define BSD_BBSIZE      8192 /* size of boot area, with label */
#define BSD_SBSIZE      8192 /* max size of fs superblock */

struct bsd_disklabel {
    uint32_t d_magic; /* the magic number */
    int16_t d_type; /* drive type */
    int16_t d_subtype; /* controller/d_type specific */
    char d_typename[16]; /* type name, e.g. "eagle" */
    char d_packname[16]; /* pack identifier */

    /* disk geometry: */
    uint32_t d_sectsize; /* # of bytes per sector */
    uint32_t d_nsectors; /* # of data sectors per track */
    uint32_t d_ntracks; /*
    # of tracks per cylinder */
    uint32_t d_ncylinders; /* # of data cylinders per unit */
    uint32_t d_secp cyl; /* # of data sectors per cylinder */
    uint32_t d_secp erunit; /* # of data sectors per unit */

    /*
    * Spares (bad sector replacements) below
    * are not counted in d_nsectors or d_secp cyl.
    * Spare sectors are assumed to be physical sectors
    * which occupy space at the end of each track and/or cylinder.
    */
    uint16_t d_spa es per track; /* # of spare sectors per track */
    uint16_t d_spa es per cyl; /* # of spare sectors per cylinder */

```

```

/*
 * Alternate cylinders include maintenance, replacement,
 * configuration description areas, etc.
 */
uint32_t d_acylinders; /* # of alt. cylinders per unit */

/* hardware characteristics: */
/*
 * d_interleave, d_trackskew and d_cylskew describe perturbations
 * in the media format used to compensate for a slow controller.
 * Interleave is physical sector interleave, set up by the formatter
 * or controller
when formatting. When interleaving is in use,
 * logically adjacent sectors are not physically contiguous,
 * but instead are separated by some number of sectors.
 * It is specified as the ratio of physical sectors traversed
 * per logical sector. Thus an interleave of 1:1 implies contiguous
 * layout, while 2:1 implies that logical sector 0 is separated
 * by one sector from logical sector 1.
 * d_trackskew is the offset of sector 0 on track N
 * relative to sector 0 on track N-1 on the same cylinder.
 * Finally, d_cylskew is the offset of sector 0 on cylinder N
 * relative to sector 0 on cylinder N-1.
 */
uint16_t d_rpm; /* rotational speed */
uint16_t d_interleave; /* hardware sector interleave */
uint16_t d_trackskew; /* sector 0 skew, per track */
uint16_t d_cylskew; /* sector 0 skew, per cylinder */
uint32_t d_headswitch; /* head switch time, usec */
uint32_t d_trkseek; /* track-to-track seek, usec */
uint32_t d_flags; /* generic flags */
uint32_t d_drivedata[5]; /*
drive-type specific information */
uint32_t d_spare[5]; /* reserved for future use */
uint32_t d_magic2; /* the magic number (again) */
uint16_t d_checksum; /* xor of data incl. partitions */

/* filesystem and partition information: */
uint16_t d_npartitions; /* number of partitions in following */
uint32_t d_bbsize; /* size of boot area at sn0, bytes */
uint32_t d_sbsize; /* max size of fs superblock, bytes */

struct bsd_partition { /* the partition table */
uint32_t p_size; /* number of sectors in partition */
uint32_t p_offset; /* starting sector */
uint32_t p_fsize; /* filesystem basic fragment size */
uint8_t p_fstype; /* filesystem type, see below */

```

```

uint8_t p_frag; /* filesystem fragments per block */
uint16_t p_cpg; /* filesystem cylinders per group */
} __attribute__((packed)) d_partitions[BSD_MAXPARTITIONS]; /* actually may be more */
} __attribute__((packed));

```

/* d_type values:

```

*/
#define BSD_DTYPE_SMD 1 /* SMD, XSMD; VAX hp/up */
#define BSD_DTYPE_MSCP 2 /* MSCP */
#define BSD_DTYPE_DEC 3 /* other DEC (rk, rl) */
#define BSD_DTYPE SCSI 4 /* SCSI */
#define BSD_DTYPE_ESDI 5 /* ESDI interface */
#define BSD_DTYPE_ST506 6 /* ST506 etc. */
#define BSD_DTYPE_HPIB 7 /* CS/80 on HP-IB */
#define BSD_DTYPE_HPFL 8 /* HP Fiber-link */
#define BSD_DTYPE_FLOPPY 10 /* floppy */

```

/* d_subtype values: */

```

#define BSD_DSTYPE_INDOSPART 0x8 /* is inside dos partition */
#define BSD_DSTYPE_DOSPART(s) ((s) & 3) /* dos partition number */
#define BSD_DSTYPE_GEOMETRY 0x10 /* drive params in label */

```

/*

```

* Filesystem type and version.
* Used to interpret other filesystem-specific
* per-partition information.
*/

```

```

#define BSD_FS_UNUSED 0 /* unused */
#define BSD_FS_SWAP 1 /* swap */
#define BSD_FS_V6 2 /* Sixth Edition */
#define BSD_FS_V7 3 /* Seventh Edition */
#define BSD_FS_SYSV 4 /* System V */
#define BSD_FS_V71K 5 /* V7
with 1K blocks (4.1, 2.9) */
#define BSD_FS_V8 6 /* Eighth Edition, 4K blocks */
#define BSD_FS_BSDFFS 7 /* 4.2BSD fast file system */
#define BSD_FS_BSDLFS 9 /* 4.4BSD log-structured file system */
#define BSD_FS_OTHER 10 /* in use, but unknown/unsupported */
#define BSD_FS_HPFS 11 /* OS/2 high-performance file system */
#define BSD_FS_ISO9660 12 /* ISO-9660 filesystem (cdrom) */
#define BSD_FS_ISOFS BSD_FS_ISO9660
#define BSD_FS_BOOT 13 /* partition contains bootstrap */
#define BSD_FS_ADOS 14 /* AmigaDOS fast file system */
#define BSD_FS_HFS 15 /* Macintosh HFS */
#define BSD_FS_ADVFS 16 /* Digital Unix AdvFS */

```

/* this is annoying, but it's also the way it is :-(*/

```

#ifdef __alpha__
#define BSD_FS_EXT2 8 /* ext2 file system */
#else
#define BSD_FS_MSDOS 8 /* MS-DOS file system */
#endif

/*
 * flags shared by various drives:
 */
#define BSD_D_REMOVABLE 0x01 /* removable media */
#define BSD_D_ECC      0x02 /* supports ECC */
#define BSD_D_BADSECT 0x04 /* supports
    bad sector forw. */
#define BSD_D_RAMDISK 0x08 /* disk emulator */
#define BSD_D_CHAIN    0x10 /* can do back-back transfers */
#define BSD_D_DOSPART 0x20 /* within MSDOS partition */

#endif /* UTIL_LINUX_PT_BSD_H */
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```

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*/

1.230 busybox 1.35.0

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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1.231 gzip 1.12

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/* Extract the last component (base name) of a file name.

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along with this program. If not, see <<https://www.gnu.org/licenses/>>. */

```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be
part of the last component.

If FILENAME has no relative file name components because it is a file
system root, return the empty string.

Examples:

| FILENAME | RESULT |
|--------------|---------|
| "foo.c" | "foo.c" |
| "foo/bar.c" | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/" | "bar/" |
| "foo/bar/" | "bar/" |
| "/" | "" |
| "//" | "" |
| "" | "" |

The return value is a tail of the given FILENAME; do NOT free() it! */

```
/* This function was traditionally called 'basename', but we avoid this  
function name because
```

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does
not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|------------|--------|
| "foo/bar/" | "" |


```

    "foo/bar/" "bar"
    * The 'basename' command eliminates trailing slashes and for a root
    produces a non-empty result:
    FILENAME  RESULT
    "foo/bar/" "bar"
    "foo/bar/" "bar"
    "/"       "/"
    "/"       "/"
    */
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
   Typically FILENAME is the value returned by base_name or last_component.
   Act like strlen (FILENAME), except omit all trailing slashes. */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;

```

```

#ifdef __cplusplus
} /* extern "C" */
#endif

```

```

#endif /* _BASENAME_LGPL_H */
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Version 3, 29 June 2007

```

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The

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```
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```

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1.233 tar 1.35

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/* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
```

```
#define _BASENAME_LGPL_H
```

```
/* This file uses _GL_ATTRIBUTE_PURE. */
```

```
#if !_GL_CONFIG_H_INCLUDED
```

```
#error "Please include config.h first."
```

```
#endif
```

```
#include <stddef.h>
```

```
#ifndef
```

```
DOUBLE_SLASH_IS_DISTINCT_ROOT
```

```
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
```

```
#endif
```

```
#ifdef __cplusplus
```

```
extern "C" {
```

```
#endif
```

```
/* Return the address of the last file name component of FILENAME.
```

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

| | |
|---------|---------|
| "foo.c" | "foo.c" |
|---------|---------|

| | |
|-------------|---------|
| "foo/bar.c" | "bar.c" |
|-------------|---------|

```

"/foo/bar.c" "bar.c"
"foo/bar/" "bar/"
"foo/bar/" "bar/"
"/" ""
"/" ""
"" ""

```

The return value is a tail of the given FILENAME; do NOT free() it! */

/* This function was traditionally called 'basename', but we avoid this function name because

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does

not consider trailing slashes to be part of the component:

```

FILENAME  RESULT
"foo/bar/" ""
"foo/bar/" ""

```

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

```

FILENAME  RESULT
"foo/bar/" "bar"
"foo/bar/" "bar"
"/" "/"
"/" "/"

```

*/

extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;

#ifdef __cplusplus

} /* extern "C" */

#endif

#endif /* _BASENAME_LGPL_H */

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Version 3, 29 June 2007

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

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It is safest to

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

<one line to give the program's name and a brief idea of what it does.>

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the
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You should also get your employer (if you work as a programmer) or your
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Yoyodyne, Inc., hereby disclaims
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program `Gnomovision' (a program to direct compilers to make passes
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That's all there is to it!

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Also add information on how to contact you by electronic and paper mail.

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when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

```
use strict;
use Config;
BEGIN { require './test.pl' }
```

```
if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}
```

```
my ($opt) = @ARGV;
```

```
my $readme_year = readme_year();
my $v_year = v_year();
```

```

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current
    year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

```

```

sub readme_year
# returns the latest copyright year from the top-level README file
{

    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = "";
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /\b(\d{4,})/s
        or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

```

```

sub v_year
# returns the latest copyright year shown in perl -v
{

    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.\b(\d{4,})/i
        or die "Copyright statement not found in perl -v output '$output'";

    $year;
}

```

1.236 findutils 4.9.0

1.236.1 Available under license :

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Version 3, 29 June 2007

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```
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```

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```
/* Extract the last component (base name) of a file name.
```

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be
part of the last component.

If FILENAME has no relative file name components because it is a file
system root, return the empty string.

Examples:

| FILENAME | RESULT |
|--------------|---------|
| "foo.c" | "foo.c" |
| "foo/bar.c" | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/" | "bar/" |
| "foo/bar/" | "bar/" |
| "/" | "" |
| "//" | "" |
| "" | "" |

The return value is a tail of the given FILENAME; do NOT free() it! */

```
/* This function was traditionally called 'basename', but we avoid this  
function name because
```

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does
not consider trailing slashes to be part of the component:

```
FILENAME  RESULT
```

```
"foo/bar/"  ""
```

```
"foo/bar//"  ""
```

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

```
FILENAME  RESULT
```

```
"foo/bar/"  "bar"
```

```
"foo/bar//"  "bar"
```

```
"/"         "/"
```

```
"//"         "/"
```

```
*/
```

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
} /* extern "C" */
```

```
#endif
```

```
#endif /* _BASENAME_LGPL_H */
```

1.237 opkg-utils 0.5.0

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1.238 libxml2 2.9.14

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1.239 diffutils 3.10

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE. */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif

/* Return the address of the last file name component of FILENAME.
   If FILENAME has some trailing slash(es), they are considered to be
   part of the last component.
   If FILENAME has no relative file name components because it is a file
   system root, return the empty string.
   Examples:
       FILENAME    RESULT
       "foo.c"     "foo.c"
       "foo/bar.c" "bar.c"
       "/foo/bar.c" "bar.c"
       "foo/bar/"  "bar/"
       "foo/bar//" "bar/"
       "/"         ""
       "//"         ""
       ""          ""

   The return value is a tail of the given FILENAME; do NOT free() it! */

/* This function was traditionally called 'basename', but we avoid this
   function name because
   * Various platforms have different functions in their libc.
   In particular, the glibc basename(),
```

defined in <string.h>, does

not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|-------------|--------|
| "foo/bar/" | "" |
| "foo/bar//" | "" |

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME | RESULT |
|-------------|--------|
| "foo/bar/" | "bar" |
| "foo/bar//" | "bar" |
| "/" | "/" |
| "//" | "/" |

*/

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

/* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
 } /* extern "C" */
```

```
#endif
```

```
#endif /* _BASENAME_LGPL_H */
```

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Version 3, 29 June 2007

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1.240 grep 3.7

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```
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/* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME | RESULT |
|----------|---------|
| "foo.c" | "foo.c" |


```

"foo/bar.c"  "bar.c"
"/foo/bar.c" "bar.c"
"foo/bar/"   "bar/"
"foo/bar/"   "bar/"
"/"          ""
"//"         ""
""          ""

```

The return value is a tail of the given FILENAME; do NOT free() it! */

/* This function was traditionally called 'basename', but we avoid this function name because

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|------------|--------|
| "foo/bar/" | "" |
| "foo/bar/" | "" |

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME | RESULT |
|------------|--------|
| "foo/bar/" | "bar" |
| "foo/bar/" | "bar" |
| "/" | "/" |
| "/" | "/" |

*/

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

/* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
 } /* extern "C" */
```

```
#endif
```

```
#endif /* _BASENAME_LGPL_H */
```

1.241 xz 5.2.6

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1.242 python-six 1.16.0

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1.244 libffi 3.4.4

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1.246 shadow 4.11.1

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1.248 util-linux 2.38

1.248.1 Available under license :

NR START END SECTORS SIZE NAME UUID

| | | | | | |
|---|-------|-------|------|------|-------------|
| 1 | 32 | 7679 | 7648 | 3.7M | 8f8378c0-01 |
| 2 | 7680 | 16383 | 8704 | 4.3M | 8f8378c0-02 |
| 5 | 7936 | 12799 | 4864 | 2.4M | |
| 6 | 12544 | 16127 | 3584 | 1.8M | |

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```
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```

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```
#ifndef UTIL_LINUX_PT_BSD_H
```

```
#define UTIL_LINUX_PT_BSD_H
```

```
#define BSD_MAXPARTITIONS 16
```

```
#define BSD_FS_UNUSED 0
```

```
#ifndef BSD_DISKMAGIC
```

```
# define BSD_DISKMAGIC ((uint32_t) 0x82564557)
```

```
#endif
```

```
#define BSD_LINUX_BOOTDIR "/usr/ucb/mdec"
```

```
#if defined (__alpha__) || defined (__powerpc__) || \
```

```
defined (__ia64__) || defined (__hppa__)
```



```

#define BSD_LABELSECTOR 0
#define BSD_LABELOFFSET 64
#else
#define BSD_LABELSECTOR 1
#define BSD_LABELOFFSET 0
#endif

#define BSD_BBSIZE      8192 /* size of boot area, with label */
#define BSD_SBSIZE      8192 /* max size of fs superblock */

struct bsd_disklabel {
    uint32_t d_magic; /* the magic number */
    int16_t d_type; /* drive type */
    int16_t d_subtype; /* controller/d_type specific */
    char d_typename[16]; /* type name, e.g. "eagle" */
    char d_packname[16]; /* pack identifier */

    /* disk geometry: */
    uint32_t d_sectsize; /* # of bytes per sector */
    uint32_t d_nsectors; /* # of data sectors per track */
    uint32_t d_ntracks; /*
    # of tracks per cylinder */
    uint32_t d_ncylinders; /* # of data cylinders per unit */
    uint32_t d_secpercyl; /* # of data sectors per cylinder */
    uint32_t d_secperunit; /* # of data sectors per unit */

    /*
    * Spares (bad sector replacements) below
    * are not counted in d_nsectors or d_secpercyl.
    * Spare sectors are assumed to be physical sectors
    * which occupy space at the end of each track and/or cylinder.
    */
    uint16_t d_sparepertrack; /* # of spare sectors per track */
    uint16_t d_sparepercyl; /* # of spare sectors per cylinder */

    /*
    * Alternate cylinders include maintenance, replacement,
    * configuration description areas, etc.
    */
    uint32_t d_acylinders; /* # of alt. cylinders per unit */

    /* hardware characteristics: */
    /*
    * d_interleave, d_trackskew and d_cylskew describe perturbations
    * in the media format used to compensate for a slow controller.
    * Interleave is physical sector interleave, set up by the formatter
    * or controller

```

when formatting. When interleaving is in use,

- * logically adjacent sectors are not physically contiguous,
- * but instead are separated by some number of sectors.
- * It is specified as the ratio of physical sectors traversed
- * per logical sector. Thus an interleave of 1:1 implies contiguous
- * layout, while 2:1 implies that logical sector 0 is separated
- * by one sector from logical sector 1.
- * d_trackskew is the offset of sector 0 on track N
- * relative to sector 0 on track N-1 on the same cylinder.
- * Finally, d_cylskew is the offset of sector 0 on cylinder N
- * relative to sector 0 on cylinder N-1.

*/

```
uint16_t d_rpm; /* rotational speed */
uint16_t d_interleave; /* hardware sector interleave */
uint16_t d_trackskew; /* sector 0 skew, per track */
uint16_t d_cylskew; /* sector 0 skew, per cylinder */
uint32_t d_headswitch; /* head switch time, usec */
uint32_t d_trkseek; /* track-to-track seek, usec */
uint32_t d_flags; /* generic flags */
uint32_t d_drivedata[5]; /*
drive-type specific information */
uint32_t d_spare[5]; /* reserved for future use */
uint32_t d_magic2; /* the magic number (again) */
uint16_t d_checksum; /* xor of data incl. partitions */

/* filesystem and partition information: */
uint16_t d_npartitions; /* number of partitions in following */
uint32_t d_bbsize; /* size of boot area at sn0, bytes */
uint32_t d_sbsize; /* max size of fs superblock, bytes */
```

```
struct bsd_partition { /* the partition table */
    uint32_t p_size; /* number of sectors in partition */
    uint32_t p_offset; /* starting sector */
    uint32_t p_fsize; /* filesystem basic fragment size */
    uint8_t p_fstype; /* filesystem type, see below */
    uint8_t p_frag; /* filesystem fragments per block */
    uint16_t p_cpgr; /* filesystem cylinders per group */
} __attribute__((packed)) d_partitions[BSD_MAXPARTITIONS]; /* actually may be more */
__attribute__((packed));
```

/* d_type values:

```
*/
#define BSD_DTYPE_SMD 1 /* SMD, XSMD; VAX hp/up */
#define BSD_DTYPE_MSCP 2 /* MSCP */
#define BSD_DTYPE_DEC 3 /* other DEC (rk, rl) */
#define BSD_DTYPE SCSI 4 /* SCSI */
#define BSD_DTYPE_ESDI 5 /* ESDI interface */
```

```

#define BSD_DTYPE_ST506 6 /* ST506 etc. */
#define BSD_DTYPE_HPIB 7 /* CS/80 on HP-IB */
#define BSD_DTYPE_HPFL 8 /* HP Fiber-link */
#define BSD_DTYPE_FLOPPY 10 /* floppy */

/* d_subtype values: */
#define BSD_DSTYPE_INDOSPART 0x8 /* is inside dos partition */
#define BSD_DSTYPE_DOSPART(s) ((s) & 3) /* dos partition number */
#define BSD_DSTYPE_GEOMETRY 0x10 /* drive params in label */

/*
 * Filesystem type and version.
 * Used to interpret other filesystem-specific
 * per-partition information.
 */
#define BSD_FS_UNUSED 0 /* unused */
#define BSD_FS_SWAP 1 /* swap */
#define BSD_FS_V6 2 /* Sixth Edition */
#define BSD_FS_V7 3 /* Seventh Edition */
#define BSD_FS_SYSV 4 /* System V */
#define BSD_FS_V71K 5 /* V7
   with 1K blocks (4.1, 2.9) */
#define BSD_FS_V8 6 /* Eighth Edition, 4K blocks */
#define BSD_FS_BSDFFS 7 /* 4.2BSD fast file system */
#define BSD_FS_BSDLFS 9 /* 4.4BSD log-structured file system */
#define BSD_FS_OTHER 10 /* in use, but unknown/unsupported */
#define BSD_FS_HPFS 11 /* OS/2 high-performance file system */
#define BSD_FS_ISO9660 12 /* ISO-9660 filesystem (cdrom) */
#define BSD_FS_ISOFS BSD_FS_ISO9660
#define BSD_FS_BOOT 13 /* partition contains bootstrap */
#define BSD_FS_ADOS 14 /* AmigaDOS fast file system */
#define BSD_FS_HFS 15 /* Macintosh HFS */
#define BSD_FS_ADVFS 16 /* Digital Unix AdvFS */

/* this is annoying, but it's also the way it is :( */
#ifdef __alpha__
#define BSD_FS_EXT2 8 /* ext2 file system */
#else
#define BSD_FS_MSDOS 8 /* MS-DOS file system */
#endif

/*
 * flags shared by various drives:
 */
#define BSD_D_REMOVABLE 0x01 /* removable media */
#define BSD_D_ECC 0x02 /* supports ECC */
#define BSD_D_BADSECT 0x04 /* supports

```

```

bad sector forw. */
#define BSD_D_RAMDISK 0x08 /* disk emulator */
#define BSD_D_CHAIN    0x10 /* can do back-back transfers */
#define BSD_D_DOSPART 0x20 /* within MSDOS partition */

#endif /* UTIL_LINUX_PT_BSD_H */
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```

1.249 e2fsprogs 1.46.5

1.249.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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#

This is a Makefile stub which handles the creation of BSD shared
libraries.

#

In order to use this stub, the following makefile variables must be defined.

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

```

# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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*/

Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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```

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```
#ifndef _BASENAME_LGPL_H
```

```
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
```

```
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
```

```
#endif
```

```
#ifdef __cplusplus
```

```
extern "C" {
```

```
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

| | |
|---------|---------|
| "foo.c" | "foo.c" |
|---------|---------|

| | |
|-------------|---------|
| "foo/bar.c" | "bar.c" |
|-------------|---------|

| | |
|--------------|---------|
| "/foo/bar.c" | "bar.c" |
|--------------|---------|

| | |
|------------|--------|
| "foo/bar/" | "bar/" |
|------------|--------|

| | |
|------------|--------|
| "foo/bar/" | "bar/" |
|------------|--------|

| | |
|-----|----|
| "/" | "" |
|-----|----|

| | |
|------|----|
| "//" | "" |
|------|----|

| | |
|----|----|
| "" | "" |
|----|----|

The return value is a tail of the given FILENAME; do NOT free() it! */

```
/* This function was traditionally called 'basename', but we avoid this function name because
```

* Various platforms have different functions in their libc.

In particular, the glibc `basename()`, defined in `<string.h>`, does not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

| | |
|------------|----|
| "foo/bar/" | "" |
|------------|----|

| | |
|-------------|----|
| "foo/bar//" | "" |
|-------------|----|

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

| | |
|------------|-------|
| "foo/bar/" | "bar" |
|------------|-------|

| | |
|-------------|-------|
| "foo/bar//" | "bar" |
|-------------|-------|

| | |
|-----|-----|
| "/" | "/" |
|-----|-----|

| | |
|------|-----|
| "//" | "/" |
|------|-----|

*/

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

```
Typically FILENAME is the value returned by base_name or last_component.
```

```
Act like strlen (FILENAME), except omit all trailing slashes. */
```

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
} /* extern "C" */
```

```
#endif
```

```
#endif /* _BASENAME_LGPL_H */
```

1.252 libgcc 11.4.0

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Any

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
   difficult for the compiler to generate a call to this. These are
   used as arguments to the function __VLTChangePermission, declared
   below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif
#endif
```



```
#endif /* __VTV_H__ */
```

```
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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```
/* Use the Sequent Symmetry assembler syntax. */
```

```
/* Define the syntax of pseudo-ops, labels and comments. */
```

```
/* Prefix for internally generated assembler
   labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
```

```
#define LPREFIX "L"
```

```
/* Assembler pseudos to introduce constants of various size. */
```

```
#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */
```

```
/* This was suggested, but it shouldn't be right for DBX output. -- RMS
   #define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */
```

```
/* Define the syntax of labels and symbol definitions/declarations. */
```

```
/* This is how to output an assembler line
```

```

that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
    fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
   to define a global common symbol. */

#define
    ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
    ( fputs (".comm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
   to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
    ( fputs (".lcomm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
    ( fputs (".lcomm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
   that says to advance the location counter
   to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
    if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
   the symbol_ref name of an internal numbered label
   where
   PREFIX is the class of label and NUM is the number within the class.
   This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
    sprintf ((BUF), "%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

```

```
#define USER_LABEL_PREFIX "_"
```

```
/* Sequent has some changes in the format of DBX symbols. */
```

```
#define DBX_NO_XREFS 1
```

```
/* Don't split DBX symbols into continuations. */
```

```
#define DBX_CONTIN_LENGTH 0
```

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Version 3, 29 June 2007

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME | RESULT |
|--------------|---------|
| "foo.c" | "foo.c" |
| "foo/bar.c" | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/" | "bar/" |
| "foo/bar/" | "bar/" |
| "/" | "" |
| "/" | "" |
| "" | "" |

The return value is a tail of the given FILENAME; do NOT free() it! */

```
/* This function was traditionally called 'basename', but we avoid this  
function name because
```

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|------------|--------|
| "foo/bar/" | "" |
| "foo/bar/" | "" |

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME | RESULT |
|------------|--------|
| "foo/bar/" | "bar" |
| "foo/bar/" | "bar" |
| "/" | "/" |
| "/" | "/" |

```
*/
```

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
 } /* extern "C" */
```

```
#endif
```

#endif /* _BASENAME_LGPL_H */

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Version 3, 29 June 2007

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1.255 libcap 2.66

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```
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```
<a href="http://www.gnu.org/philosophy/why-not-lgpl.html">
/* Extract the last component (base name) of a file name.
```

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```
#ifndef _BASENAME_LGPL_H
```

```

#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE. */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
DOUBLE_SLASH_IS_DISTINCT_ROOT
#define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif

/* Return the address of the last file name component of FILENAME.
   If FILENAME has some trailing slash(es), they are considered to be
   part of the last component.
   If FILENAME has no relative file name components because it is a file
   system root, return the empty string.
   Examples:
       FILENAME    RESULT
       "foo.c"     "foo.c"
       "foo/bar.c"  "bar.c"
       "/foo/bar.c" "bar.c"
       "foo/bar/"   "bar/"
       "foo/bar/"   "bar/"
       "/"          ""
       "/"          ""
       ""           ""

   The return value is a tail of the given FILENAME; do NOT free() it! */

/* This function was traditionally called 'basename', but we avoid this
   function name because
   * Various platforms have different functions in their libc.
   In particular, the glibc basename(),
   defined in <string.h>, does
   not consider trailing slashes to be part of the component:
       FILENAME    RESULT
       "foo/bar/"   ""
       "foo/bar/"   ""
   * The 'basename' command eliminates trailing slashes and for a root
   produces a non-empty result:
       FILENAME    RESULT

```

```

    "foo/bar/" "bar"
    "foo/bar//" "bar"
    "/" "/"
    "//" "/"

*/

extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
   Typically FILENAME is the value returned by base_name or last_component.
   Act like strlen (FILENAME), except omit all trailing slashes. */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;

#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */

```

1.259 glib 2.72.3

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1.260 bash 5.1.16

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1.261 ncurses 6.3+20220423

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Calling this script install-sh is preferred over install.sh, to prevent `make' implicit rules from creating a file called install from it when there is no Makefile.

This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

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-- vile: txtmode file-encoding=utf-8

1.262 glibc 2.35

1.262.1 Available under license :

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@center Version 2.1, February 1999

@c This file is intended to be included within another document,

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@display

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@subheading END OF TERMS AND CONDITIONS

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/* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

FILENAME	RESULT
"foo.c"	"foo.c"
"foo/bar.c"	"bar.c"
"/foo/bar.c"	"bar.c"
"foo/bar/"	"bar/"
"foo/bar/"	"bar/"
"/"	""
"//"	""
""	""

The return value is a tail of the given FILENAME; do NOT free() it! */

```
/* This function was traditionally called 'basename', but we avoid this
function name because
```

* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

FILENAME	RESULT
"foo/bar/"	""
"foo/bar/"	""

* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

FILENAME	RESULT
"foo/bar/"	"bar"
"foo/bar/"	"bar"
"/"	"/"
"//"	"/"

```
*/
```

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

Typically FILENAME is the value returned by base_name or last_component.

Act like strlen (FILENAME), except omit all trailing slashes. */

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.265 zstd 1.5.2

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1.266 netbase 6.3

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1.267 libyaml 0.2.5

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1.268 file 5.41

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1.269 gcc-run-time 11.4.0

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Any

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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02110-1301, USA. */

```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
   difficult for the compiler to generate a call to this. These are
   used as arguments to the function __VLTChangePermission, declared
   below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

#endif /* __VTV_H__ */

/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix `.'s to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

```

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
( fputs (".comm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label
where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
sprintf ((BUF), "%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */

```


#define DBX_CONTIN_LENGTH 0
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1.270 curl 7.82.0

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1.271 elfutils 0.186

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1.272 python 3.10.13

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property.

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All

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		
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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work.

(Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for

reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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Ty Coon, President of Vice

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1.275 libnl3 3.5.0

1.275.1 Available under license :

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Version 2.1, February 1999

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into

another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,

in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public

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This option is useful when you wish to copy part of the code of

the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally

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1.276 dtc 1.6.1

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1.278 qemu 6.2.0

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 * x86_64 system call definitions
 *
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 */
#ifndef TARGET_SYSCALL_H
#define TARGET_SYSCALL_H

#define __USER_CS (0x33)
#define __USER_DS (0x2B)

struct target_pt_regs {
    abi_ulong r15;
    abi_ulong r14;
    abi_ulong r13;
    abi_ulong r12;
    abi_ulong rbp;
    abi_ulong rbx;
    /* arguments: non interrupts/non tracing syscalls only save up to here */
    abi_ulong
    r11;
    abi_ulong r10;
    abi_ulong r9;
    abi_ulong r8;
    abi_ulong rax;
    abi_ulong rcx;
    abi_ulong rdx;
    abi_ulong rsi;
    abi_ulong rdi;
    abi_ulong orig_rax;
    /* end of arguments */
    /* cpu exception frame or undefined */
    abi_ulong rip;
    abi_ulong cs;
    abi_ulong eflags;
```

```

abi_ulong rsp;
abi_ulong ss;
/* top of stack page */
};

/* Maximum number of LDT entries supported. */
#define TARGET_LDT_ENTRIES 8192
/* The size of each LDT entry. */
#define TARGET_LDT_ENTRY_SIZE 8

#define TARGET_GDT_ENTRIES 16
#define TARGET_GDT_ENTRY_TLS_ENTRIES 3
#define TARGET_GDT_ENTRY_TLS_MIN 12
#define TARGET_GDT_ENTRY_TLS_MAX 14

#if 0 // Redefine this
struct target_modify_ldt_ldt_s {
    unsigned int  entry_number;
        abi_ulong  base_addr;
    unsigned int  limit;
    unsigned int  seg_32bit:1;
    unsigned int  contents:2;
    unsigned int  read_exec_only:1;
    unsigned int  limit_in_pages:1;
    unsigned int  seg_not_present:1;
    unsigned int  useable:1;
    unsigned int  lm:1;
};
#else
struct target_modify_ldt_ldt_s
{
    unsigned int  entry_number;
        abi_ulong  base_addr;
    unsigned int  limit;
        unsigned int flags;
};
#endif

struct target_ipc64_perm
{
    int key;
    uint32_t uid;
    uint32_t gid;
    uint32_t cuid;
    uint32_t cgid;
    unsigned short mode;
    unsigned short __pad1;
    unsigned short seq;

```

```

unsigned short __pad2;
abi_ulong __unused1;
abi_ulong __unused2;
};

struct target_msqid64_ds {
    struct target_ipc64_perm msg_perm;
    unsigned int msg_stime; /* last msgsnd time */
    unsigned int msg_rtime; /* last msgrcv time */
    unsigned int msg_ctime; /* last change time */
    abi_ulong msg_cbytes; /* current number of bytes on queue */
    abi_ulong msg_qnum; /* number of messages in queue */
    abi_ulong msg_qbytes; /* max number of bytes on queue */
    unsigned int msg_lspid; /* pid of last msgsnd */
    unsigned int msg_lrpid; /* last receive pid */
    abi_ulong __unused4;
    abi_ulong __unused5;
};

/* FreeBSD sysarch(2) */
#define TARGET_FREEBSD_I386_GET_LDT 0
#define TARGET_FREEBSD_I386_SET_LDT 1
    /*
    I386_IOPL */
#define TARGET_FREEBSD_I386_GET_IOPERM 3
#define TARGET_FREEBSD_I386_SET_IOPERM 4
    /* XXXXX */
#define TARGET_FREEBSD_I386_GET_FSBASE 7
#define TARGET_FREEBSD_I386_SET_FSBASE 8
#define TARGET_FREEBSD_I386_GET_GSBASE 9
#define TARGET_FREEBSD_I386_SET_GSBASE 10

#define TARGET_FREEBSD_AMD64_GET_FSBASE 128
#define TARGET_FREEBSD_AMD64_SET_FSBASE 129
#define TARGET_FREEBSD_AMD64_GET_GSBASE 130
#define TARGET_FREEBSD_AMD64_SET_GSBASE 131

#define UNAME_MACHINE      "x86_64"
#define TARGET_HW_MACHINE  "amd64"
#define TARGET_HW_MACHINE_ARCH "amd64"

#define TARGET_ARCH_SET_GS 0x1001
#define TARGET_ARCH_SET_FS 0x1002
#define TARGET_ARCH_GET_FS 0x1003
#define TARGET_ARCH_GET_GS 0x1004

#endif /* TARGET_SYSCALL_H */

```

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Stefan Reinauer

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Version 2, June 1991

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```
{ TARGET_FREEBSD_NR__acl_aclcheck_fd, "__acl_aclcheck_fd", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_aclcheck_file, "__acl_aclcheck_file", "%s(\"%s\", %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_aclcheck_link, "__acl_aclcheck_link", "%s(\"%s\", %d, %d)", NULL, NULL },
},
{ TARGET_FREEBSD_NR__acl_delete_fd,
  "__acl_delete_fd", "%s(%d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_delete_file, "__acl_delete_file", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_delete_link, "__acl_delete_link", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_fd, "__acl_get_fd", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_file, "__acl_get_file", "%s(\"%s\", %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_link, "__acl_get_link", "%s(\"%s\", %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_fd, "__acl_set_fd", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_file, "__acl_set_file", "%s(\"%s\", %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_link, "__acl_set_link", "%s(\"%s\", %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__getcwd, "__getcwd", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__semctl, "__semctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__syscall, "__syscall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__sysctl,
  "__sysctl", NULL, print_sysctl, NULL },
{ TARGET_FREEBSD_NR__umtx_op, "__umtx_op", "%s(%d, %d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__accept, "accept", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__accept4, "accept4", "%s(%d, %d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__access, "access", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acct, "acct", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__adjtime, "adjtime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__bind, "bind", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__bindat, "bindat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__break, "break", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_enter, "cap_enter", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_fcmls_get, "cap_fcmls_get", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_fcmls_limit, "cap_fcmls_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_getmode, "cap_getmode", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_ioctls_get, "cap_ioctls_get", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_ioctls_limit,
  "cap_ioctls_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__cap_rights_limit, "cap_rights_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__chdir, "chdir", "%s(\"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR__chflags, "chflags", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__chflagsat, "chflagsat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__chmod, "chmod", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__chown, "chown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__chroot, "chroot", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR__clock_getres, "clock_getres", NULL, NULL, NULL },
```

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{ TARGET_FREEBSD_NR_clock_gettime, "clock_gettime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_clock_settime, "clock_settime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_close, "close", "%s(%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_connect, "connect", "%s(%d,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_connectat, "connectat", "%s(%d,%d,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_cpuset_getdomain, "cpuset_getdomain", NULL, NULL,
NULL },
{ TARGET_FREEBSD_NR_cpuset_setdomain, "cpuset_setdomain", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_dup, "dup", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_dup2, "dup2", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_eaccess, "eaccess", "%s(\"%s\",%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_execve, "execve", NULL, print_execve, NULL },
{ TARGET_FREEBSD_NR_exit, "exit", "%s(%d)\n", NULL, NULL },
{ TARGET_FREEBSD_NR_extattrctl, "extattrctl", "%s(\"%s\", %d, \"%s\", %d, \"%s\", %d, \"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_delete_fd, "extattr_delete_fd", "%s(%d, %d, \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_delete_file, "extattr_delete_file", "%s(\"%s\", %d, \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_delete_link, "extattr_delete_link", "%s(\"%s\", %d, \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_get_fd, "extattr_get_fd", "%s(%d, %d, \"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_get_file, "extattr_get_file", "%s(\"%s\", %d, \"%s\", %#x, %d)", NULL, NULL
},
{
TARGET_FREEBSD_NR_extattr_get_file, "extattr_get_link", "%s(\"%s\", %d, \"%s\", %#x, %d)", NULL, NULL
},
{ TARGET_FREEBSD_NR_extattr_list_fd, "extattr_list_fd", "%s(%d, %d, %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_list_file, "extattr_list_file", "%s(\"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_list_link, "extattr_list_link", "%s(\"%s\", %d, %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_set_fd, "extattr_set_fd", "%s(%d, %d, \"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_set_file, "extattr_set_file", "%s(\"%s\", %d, \"%s\", %#x, %d)", NULL, NULL
},
{ TARGET_FREEBSD_NR_extattr_set_link, "extattr_set_link", "%s(\"%s\", %d, \"%s\", %#x, %d)", NULL,
NULL },
{ TARGET_FREEBSD_NR_fchdir, "fchdir", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fchflags, "fchflags", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fchmod, "fchmod", "%s(%d,%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_fchown, "fchown", "%s(%d,%d,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_fcntl, "fcntl",
NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fdatasync, "fdatasync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fexecve, "fexecve", NULL, print_execve, NULL },
{ TARGET_FREEBSD_NR_fhopen, "fhopen", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fhstat, "fhstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fhstatfs, "fhstatfs", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fhstat, "freebsd11_fhstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fhstatfs, "freebsd11_fhstatfs", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_flock, "flock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fork, "fork", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_fpathconf, "fpathconf", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fstat, "fstat", "%s(%d,%#x)", NULL, NULL },

```

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{ TARGET_FREEBSD_NR_fstatat, "fstatat", "%s(%d,\"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_fstatfs, "fstatfs", "%s(%d,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fstat, "freebsd11_fstat", "%s(%d,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fstatat,
  "freebsd11_fstatat", "%s(%d,\"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fstatfs, "freebsd11_fstatfs", "%s(%d,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_fsync, "fsync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ftruncate, "ftruncate", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_futimens, "futimens", "%s(%d,%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_futimes, "futimes", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getcontext, "getcontext", "%s(%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_getdirentries, "getdirentries", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_getdirentries, "freebsd11_getdirentries", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getegid, "getegid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_geteuid, "geteuid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getfh, "getfh", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getfsstat, "getfsstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_getfsstat, "freebsd11_getfsstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getgid, "getgid",
  "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getgroups, "getgroups", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getitimer, "getitimer", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getlogin, "getlogin", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getpeername, "getpeername", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getpgid, "getpgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getpgrp, "getpgrp", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getpid, "getpid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getppid, "getppid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getpriority, "getpriority", "%s(%#x,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_getrandom, "getrandom", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getresgid, "getresgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getresuid, "getresuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrlimit, "getrlimit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrusage, "getrusage", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getsid, "getsid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getsockname,
  "getsockname", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getsockopt, "getsockopt", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_gettimeofday, "gettimeofday", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getuid, "getuid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_ioctl, "ioctl", NULL, print_ioctl, NULL },
{ TARGET_FREEBSD_NR_issetugid, "issetugid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_kevent, "freebsd11_kevent", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kevent, "kevent", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kill, "kill", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kqueue, "kqueue", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktrace, "ktrace", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lchown, "lchown", NULL, NULL, NULL },

```

```

{ TARGET_FREEBSD_NR_link, "link", "%s(\"%s\", \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_listen, "listen", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lpathconf, "lpathconf", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_lseek, "lseek", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_lstat,
"freebsd11_lstat", "%s(\"%s\", %p)", NULL, NULL },
{ TARGET_FREEBSD_NR_madvise, "madvise", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mincore, "mincore", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_minherit, "minherit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mkdir, "mkdir", "%s(\"%s\", %o)", NULL, NULL },
{ TARGET_FREEBSD_NR_mkfifo, "mkfifo", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mknodat, "mknodat", "%s(%d, \"%s\", %o, %x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_mknod, "freebsd11_mknod", "%s(\"%s\", %o, %x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_mknodat, "freebsd11_mknodat", "%s(%d, \"%s\", %o, %x)", NULL,
NULL },
{ TARGET_FREEBSD_NR_mlock, "mlock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mlockall, "mlockall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mmap, "mmap", NULL, NULL, print_syscall_ret_addr },
{ TARGET_FREEBSD_NR_mount, "mount", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mprotect, "mprotect", "%s(%x, %x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_msgctl,
"msgctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgget, "msgget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgrcv, "msgrcv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgsnd, "msgsnd", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msync, "msync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munlock, "munlock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munlockall, "munlockall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munmap, "munmap", "%s(%p, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_nanosleep, "nanosleep", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_nfssvc, "nfssvc", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_open, "open", "%s(\"%s\", %x, %o)", NULL, NULL },
{ TARGET_FREEBSD_NR_openat, "openat", "%s(%d, \"%s\", %x, %o)", NULL, NULL },
{ TARGET_FREEBSD_NR_pathconf, "pathconf", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd10_pipe, "freebsd10_pipe", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pipe2, "pipe2", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_poll, "poll", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_posix_fallocate,
"posix_fallocate", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pread, "pread", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_preadv, "preadv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_profil, "profil", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ptrace, "ptrace", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pwrite, "pwrite", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pwritev, "pwritev", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_quotactl, "quotactl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_read, "read", "%s(%d, %x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_readlink, "readlink", "%s(\"%s\", %p, %d)", NULL, NULL },

```

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{ TARGET_FREEBSD_NR_readv, "readv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_reboot, "reboot", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_recvfrom, "recvfrom", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_recvmsg, "recvmsg", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_rename, "rename", "%s(\"%s\", \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_revoke, "revoke", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_rfork,
  "rfork", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_rmdir, "rmdir", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_rtprio_thread, "rtprio_thread", "%s(%d, %d, %p)", NULL, NULL },
{ TARGET_FREEBSD_NR_sbrk, "sbrk", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sched_get_priority_max, "sched_get_priority_max", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sched_get_priority_min, "sched_get_priority_min", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sched_yield, "sched_yield", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_select, "select", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_semget, "semget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_semop, "semop", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sendmsg, "sendmsg", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sendto, "sendto", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setcontext, "setcontext", "%s(%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_setegid, "setegid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR seteuid, "seteuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setgid, "setgid",
  NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setgroups, "setgroups", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setitimer, "setitimer", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setlogin, "setlogin", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setpgid, "setpgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setpriority, "setpriority", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setregid, "setregid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setresgid, "setresgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setresuid, "setresuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setreuid, "setreuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setrlimit, "setrlimit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setsid, "setsid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setsockopt, "setsockopt", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR settimeofday, "settimeofday", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR setuid, "setuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR shmat, "shmat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR shmctl, "shmctl",
  NULL, NULL, NULL },
{ TARGET_FREEBSD_NR shmdt, "shmdt", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR shmget, "shmget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR shutdown, "shutdown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR sigaction, "sigaction", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR sigaltstack, "sigaltstack", "%s(%p,%p)", NULL, NULL },
{ TARGET_FREEBSD_NR sigpending, "sigpending", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR sigprocmask, "sigprocmask", NULL, NULL, NULL },

```



```

{ TARGET_FREEBSD_NR_sigreturn, "sigreturn", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sigsuspend, "sigsuspend", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_socket, "socket", "%s(%d,%d,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_socketpair, "socketpair", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sstk, "sstk", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_stat, "freebsd11_stat", "%s(\\\"%s\\\",%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_statfs, "freebsd11_statfs", "%s(\\\"%s\\\",%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_symlink, "symlink",
"%s(\\\"%s\\\",\\\"%s\\\")", NULL, NULL },
{ TARGET_FREEBSD_NR_sync, "sync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sysarch, "sysarch", NULL, print_sysarch, NULL },
{ TARGET_FREEBSD_NR_syscall, "syscall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_create, "timer_create", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_delete, "timer_delete", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_settime, "timer_settime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_gettime, "timer_gettime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_getoverrun, "timer_getoverrun", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_thr_create, "thr_create", "%s(%#x, %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_exit, "thr_exit", "%s(%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_kill, "thr_kill", "%s(%d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_kill2, "thr_kill2", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_new, "thr_new", "%s(%#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_self, "thr_self", "%s(%#x)",
NULL, NULL },
{ TARGET_FREEBSD_NR_thr_set_name, "thr_set_name", "%s(%d, \\\"%s\\\")", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_suspend, "thr_suspend", "%s(%d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_wake, "thr_wake", "%s(%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_truncate, "truncate", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_umask, "umask", "%s(%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_unlink, "unlink", "%s(\\\"%s\\\")", NULL, NULL },
{ TARGET_FREEBSD_NR_unmount, "unmount", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_utimes, "utimes", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_utimensat, "utimensat", "%s(%d,%s,%p,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_vfork, "vfork", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_wait4, "wait4", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_wait6, "wait6", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_write, "write", "%s(%d,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_writev, "writev", "%s(%d,%p,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_posix_openpt, "posix_openpt", "%s(%d)", NULL,
NULL },

```

/*

* FreeBSD VM parameters definitions

*

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*

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 */

```
#ifndef _TARGET_OS_VMPARAM_H_
#define _TARGET_OS_VMPARAM_H_
```

```
#include "target_arch_vmparam.h"
```

```
/* Compare to sys/exec.h */
```

```
struct target_ps_strings {
    abi_ulong ps_argvstr;
    uint32_t ps_nargvstr;
    abi_ulong ps_envstr;
    uint32_t ps_nenvstr;
};
```

```
extern
```

```
    abi_ulong target_stkbas;
```

```
extern abi_ulong target_stksiz;
```

```
#define TARGET_PS_STRINGS ((target_stkbas + target_stksiz) - \
    sizeof(struct target_ps_strings))
```

```
#endif /* !TARGET_OS_VMPARAM_H_ */
```

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/*

* System call related declarations

*

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*/

#ifndef _SYSCALL_DEFS_H_

#define _SYSCALL_DEFS_H_

#include <sys/syscall.h>

#include "errno_defs.h"

#include "freebsd/syscall_nr.h"

#include "netbsd/syscall_nr.h"

#include "openbsd/syscall_nr.h"

/*

* machine/_types.h

* or x86/_types.h

*/

/*

* time_t seems to be very inconsistly defined for the different *BSD's...

*

* FreeBSD uses a 64bits time_t except on i386

* so we have to add a special case here.

*

```

* On NetBSD time_t is always defined as an int64_t. On OpenBSD time_t
* is always defined as an int.
*
*/
#if (!defined(TARGET_I386))
typedef int64_t target_freebsd_time_t;
#else
typedef int32_t target_freebsd_time_t;
#endif

struct target_iovec {
    abi_long iov_base; /* Starting address */
    abi_long iov_len; /* Number of bytes */
};

/*
* sys/mman.h
*/
#define TARGET_FREEBSD_MAP_RESERVED0080 0x0080 /* previously misimplemented */
/* MAP_INHERIT */
#define TARGET_FREEBSD_MAP_RESERVED0100 0x0100 /* previously unimplemented */
/* MAP_NOEXTEND */
#define TARGET_FREEBSD_MAP_STACK 0x0400 /* region grows down, like a */
/* stack */
#define TARGET_FREEBSD_MAP_NOSYNC
0x0800 /* page to but do not sync */
/* underlying file */

#define TARGET_FREEBSD_MAP_FLAGMASK 0x1ff7

#define TARGET_NETBSD_MAP_INHERIT 0x0080 /* region is retained after */
/* exec */
#define TARGET_NETBSD_MAP_TRYFIXED 0x0400 /* attempt hint address, even */
/* within break */
#define TARGET_NETBSD_MAP_WIRED 0x0800 /* mlock() mapping when it is */
/* established */

#define TARGET_NETBSD_MAP_STACK 0x2000 /* allocated from memory, */
/* swap space (stack) */

#define TARGET_NETBSD_MAP_FLAGMASK 0x3ff7

#define TARGET_OPENBSD_MAP_INHERIT 0x0080 /* region is retained after */
/* exec */
#define TARGET_OPENBSD_MAP_NOEXTEND 0x0100
/* for MAP_FILE, don't change */
/* file size */
#define TARGET_OPENBSD_MAP_TRYFIXED 0x0400 /* attempt hint address, */

```

```

/* even within heap */

#define TARGET_OPENBSD_MAP_FLAGMASK    0x17f7

/* XXX */
#define TARGET_BSD_MAP_FLAGMASK        0x3ff7

/*
 * sys/time.h
 * sys/timex.h
 */

typedef abi_long target_freebsd_suseconds_t;

/* compare to sys/timespec.h */
struct target_freebsd_timespec {
    target_freebsd_time_t  tv_sec; /* seconds */
    abi_long               tv_nsec; /* and nanoseconds */
#if !defined(TARGET_I386) && TARGET_ABI_BITS == 32
    abi_long _pad;
#endif
};

#define TARGET_CPUCLOCK_WHICH_PID  0
#define TARGET_CPUCLOCK_WHICH_TID  1

/* sys/umtx.h */
struct target_freebsd__umtx_time {
    struct target_freebsd_timespec _timeout;
    uint32_t _flags;
    uint32_t _clockid;
};

struct target_freebsd_timeval {
    target_freebsd_time_t  tv_sec; /*
seconds */
    target_freebsd_suseconds_t tv_usec; /* and microseconds */
#if !defined(TARGET_I386) && TARGET_ABI_BITS == 32
    abi_long _pad;
#endif
};

/*
 * sys/resource.h
 */
#if defined(__FreeBSD__)
#define TARGET_RLIM_INFINITY  RLIM_INFINITY
#else

```

```

#define TARGET_RLIM_INFINITY ((abi_ulong)-1)
#endif

#define TARGET_RLIMIT_CPU    0
#define TARGET_RLIMIT_FSIZE  1
#define TARGET_RLIMIT_DATA   2
#define TARGET_RLIMIT_STACK  3
#define TARGET_RLIMIT_CORE   4
#define TARGET_RLIMIT_RSS    5
#define TARGET_RLIMIT_MEMLOCK 6
#define TARGET_RLIMIT_NPROC   7
#define TARGET_RLIMIT_NOFILE  8
#define TARGET_RLIMIT_SBSIZE  9
#define TARGET_RLIMIT_AS     10
#define TARGET_RLIMIT_NPTS    11
#define TARGET_RLIMIT_SWAP    12

struct target_rlimit {
    uint64_t rlim_cur;
    uint64_t rlim_max;
};

struct target_freebsd_rusage {
    struct target_freebsd_timeval ru_utime; /* user time used */
    struct target_freebsd_timeval ru_stime; /* system time used */

    abi_long  ru_maxrss; /* maximum resident set size */
    abi_long  ru_ixrss; /* integral shared memory size */
    abi_long  ru_idrss; /* integral unshared data size */
    abi_long  ru_isrss; /* integral unshared stack size */
    abi_long  ru_minflt; /* page reclaims */
    abi_long  ru_majflt; /* page faults */
    abi_long  ru_nswap; /* swaps */
    abi_long  ru_inblock; /* block input operations */
    abi_long  ru_oublock; /* block output operations */
    abi_long  ru_msgsnd; /* messages sent */
    abi_long  ru_msgrcv; /* messages received */
    abi_long  ru_nsignals; /* signals received */
    abi_long  ru_nvcsw; /* voluntary context switches */
    abi_long  ru_nivcsw; /* involuntary context switches */
};

struct target_freebsd__wusage {
    struct target_freebsd_rusage wru_self;
    struct target_freebsd_rusage wru_children;
};

#endif /* !_SYSCALL_DEFS_H_ */

```


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```
/*
 * i386 sysarch system call emulation
 *
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 */
```

```
#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_
```

```
#include "target_syscall.h"
```

```
static inline abi_long do_freebsd_arch_sysarch(CPUX86State *env, int op,
        abi_ulong parms)
```

```
{
    abi_long ret = 0;
    abi_ulong val;
    int idx;

    switch
    (op) {
    case TARGET_FREEBSD_I386_SET_GSBASE:
    case TARGET_FREEBSD_I386_SET_FSBASE:
        if (op == TARGET_FREEBSD_I386_SET_GSBASE) {
            idx = R_GS;
        } else {
            idx = R_FS;
        }
        if (get_user(val, parms, abi_ulong)) {
            return -TARGET_EFAULT;
        }
        cpu_x86_load_seg(env, idx, 0);
        env->segs[idx].base = val;
    }
```

```

        break;

case TARGET_FREEBSD_I386_GET_GSBASE:
case TARGET_FREEBSD_I386_GET_FSBASE:
    if (op == TARGET_FREEBSD_I386_GET_GSBASE) {
        idx = R_GS;
    } else {
        idx = R_FS;
    }
    val = env->segs[idx].base;
    if (put_user(val, parms, abi_ulong)) {
        return -TARGET_EFAULT;
    }
    break;

/* XXX handle the others... */
default:
    ret = -TARGET_EINVAL;
    break;
}
return ret;
}

static inline void do_freebsd_arch_print_sysarch(
    const struct syscallname *name, abi_long arg1, abi_long arg2,

    abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

    gemu_log("%s(%d, " TARGET_ABI_FMT_lx ", " TARGET_ABI_FMT_lx ", "
        TARGET_ABI_FMT_lx ")", name->name, (int)arg1, arg2, arg3, arg4);
}

#endif /* !BSD_USER_ARCH_SYSARCH_H_ */
#ifndef _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_

#define TARGET_NSIG    32 /* counting 0; could be 33 (mask is 1-32) */
#define TARGET_NSIG_BPW    (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS    (TARGET_NSIG / TARGET_NSIG_BPW)

/* this struct defines a stack used during syscall handling */
typedef struct target_sigaltstack {
    abi_long    ss_sp;
    abi_ulong    ss_size;
    abi_long    ss_flags;
} target_stack_t;

```

```
typedef struct {
    uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t
```

```
struct target_sigaction {
    abi_ulong _sa_handler;
    int32_t _sa_flags;
    target_sigset_t sa_mask;
};
```

/* Compare to sys/siginfo.h */

```
typedef union target_sigval {
    int _sival_int;
    abi_ulong _sival_ptr;
} target_sigval_t;
```

```
struct target_ksiginfo {
    int32_t _signo;
    int32_t _code;
    int32_t _errno;
#if TARGET_ABI_BITS == 64
    int32_t _pad;
#endif
    union {
        struct {
            int32_t _pid;
            int32_t
                _uid;
            target_sigval_t _value;
        } _rt;
```

```
        struct {
            int32_t _pid;
            int32_t _uid;
            int32_t _struct;
            /* clock_t _utime; */
            /* clock_t _stime; */
        } _child;
```

```
        struct {
            abi_ulong _addr;
            int32_t _trap;
        } _fault;
```

```
        struct {
            long _band;
            int _fd;
        } _poll;
```

```

    } _reason;
};

typedef union target_siginfo {
    int8_t    si_pad[128];
    struct    target_ksiginfo _info;
} target_siginfo_t;

#define target_si_signo    _info._signo
#define target_si_code    _info._code
#define target_si_errno    _info._errno
#define target_si_addr    _info._reason._fault._addr

#define TARGET_SEGV_MAPERR 1
#define TARGET_SEGV_ACCERR 2

#define TARGET_TRAP_BRKPT 1
#define TARGET_TRAP_TRACE 2

#ifdef /* ! _TARGET_OS_SIGINFO_H_
*/
/*
/*
/* FreeBSD siginfo related definitions
/*
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*/
#endif _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_

#define TARGET_NSIG    128
#define TARGET_NSIG_BPW    (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS    (TARGET_NSIG / TARGET_NSIG_BPW)

/* this struct defines a stack used during syscall

```

```

handling */
typedef struct target_sigaltstack {
    abi_long    ss_sp;
    abi_ulong   ss_size;
    abi_long    ss_flags;
} target_stack_t;

typedef struct {
    uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t;

struct target_sigaction {
    abi_ulong   _sa_handler;
    int32_t     sa_flags;
    target_sigset_t sa_mask;
};

typedef union target_sigval {
    int32_t sival_int;
    abi_ulong sival_ptr;
    int32_t sigval_int;
    abi_ulong sigval_ptr;
} target_sigval_t;

typedef struct target_siginfo {
    int32_t si_signo; /* signal number */
    int32_t si_errno; /* errno association */
    int32_t si_code; /* signal code */
    int32_t si_pid; /* sending process */
    int32_t si_uid; /* sender's ruid */
    int32_t si_status; /* exit value */
    abi_ulong si_addr; /* faulting instruction */
    union target_sigval si_value; /* signal value */
    union {
        struct {
            int32_t _trapno; /* machine specific trap code */
        } _fault;
    };

    /* POSIX.1b timers */
    struct {
        int32_t _timerid;
        int32_t _overrun;
    } _timer;

    struct {
        int32_t _mqd;
    } _mesg;
};

```

```

/* SIGPOLL */
struct {
    int _band; /* POLL_IN, POLL_OUT, POLL_MSG */
} _poll;

struct {
    abi_long __spare1__;
    int32_t __spare2__[7];
} __spare__;
} _reason;
} target_siginfo_t;

struct target_sigevent {
    abi_int sigev_notify;
    abi_int sigev_signo;
    target_sigval_t sigev_value;
    union {
        abi_int _threadid;

/*
 * The kernel (and thus QEMU) never looks at these;
 * they're only used as part of the ABI between a
 * userspace program and libc.
 */
        struct {
            abi_ulong _function;
            abi_ulong _attribute;
        } _sigev_thread;
        abi_ushort _kevent_flags;
        abi_long _pad[8];
    } _sigev_un;
};

#define target_si_signo    si_signo
#define
target_si_code    si_code
#define target_si_errno    si_errno
#define target_si_addr    si_addr

/* SIGILL si_codes */
#define TARGET_ILL_ILLOPC (1) /* Illegal opcode. */
#define TARGET_ILL_ILLOPN (2) /* Illegal operand. */
#define TARGET_ILL_ILLADR (3) /* Illegal addressing mode. */
#define TARGET_ILL_ILLTRP (4) /* Illegal trap. */
#define TARGET_ILL_PRVOPC (5) /* Privileged opcode. */
#define TARGET_ILL_PRVREG (6) /* Privileged register. */
#define TARGET_ILL_COPROC (7) /* Coprocessor error. */

```

```

#define TARGET_ILL_BADSTK (8) /* Internal stack error. */

/* SIGSEGV si_codes */
#define TARGET_SEGV_MAPERR (1) /* address not mapped to object */
#define TARGET_SEGV_ACCERR (2) /* invalid permissions for mapped object */

/* SIGTRAP si_codes */
#define TARGET_TRAP_BRKPT (1) /* process beakpoint */
#define TARGET_TRAP_TRACE (2) /* process trace trap */

/* SIGBUS si_codes */
#define TARGET_BUS_ADRALN (1)
#define TARGET_BUS_ADRERR (2)
#define TARGET_BUS_OBJERR
    (3)

/* SIGFPE codes */
#define TARGET_FPE_INTOVF (1) /* Integer overflow. */
#define TARGET_FPE_INTDIV (2) /* Integer divide by zero. */
#define TARGET_FPE_FLTDIV (3) /* Floating point divide by zero. */
#define TARGET_FPE_FLTOVF (4) /* Floating point overflow. */
#define TARGET_FPE_FLTUND (5) /* Floating point underflow. */
#define TARGET_FPE_FLTRES (6) /* Floating point inexact result. */
#define TARGET_FPE_FLTINV (7) /* Invalid floating point operation. */
#define TARGET_FPE_FLTSUB (8) /* Subscript out of range. */

#endif /* !_TARGET_OS_SIGINFO_H_ */
/*
 * x86_64 sysarch() syscall emulation
 *
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 * along with this program; if not, see <http://www.gnu.org/licenses/>.
 */

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

```

```

#include "target_syscall.h"

static inline abi_long do_freebsd_arch_sysarch(CPUX86State *env, int op,
        abi_ulong parms)
{
    abi_long ret = 0;
    abi_ulong val;
    int idx;

    switch (op) {
    case TARGET_FREEBSD_AMD64_SET_GSBASE:
    case TARGET_FREEBSD_AMD64_SET_FSBASE:
        if (op == TARGET_FREEBSD_AMD64_SET_GSBASE) {
            idx = R_GS;
        } else {
            idx = R_FS;
        }
        if (get_user(val, parms, abi_ulong)) {
            return -TARGET_EFAULT;
        }
        cpu_x86_load_seg(env, idx, 0);
        env->segs[idx].base = val;
        break;

    case TARGET_FREEBSD_AMD64_GET_GSBASE:
    case TARGET_FREEBSD_AMD64_GET_FSBASE:
        if (op == TARGET_FREEBSD_AMD64_GET_GSBASE) {
            idx = R_GS;
        } else {
            idx = R_FS;
        }
        val = env->segs[idx].base;
        if (put_user(val, parms, abi_ulong)) {
            return -TARGET_EFAULT;
        }
        break;

    /* XXX handle the others... */
    default:
        ret = -TARGET_EINVAL;
        break;
    }
    return ret;
}

static inline void do_freebsd_arch_print_sysarch(
    const struct syscallname *name, abi_long arg1, abi_long arg2,
    abi_long arg3, abi_long arg4,

```



```

abi_long arg5, abi_long arg6)
{

    gemu_log("%s(%d, " TARGET_ABI_FMT_lx ", " TARGET_ABI_FMT_lx ", "
            TARGET_ABI_FMT_lx ")", name->name, (int)arg1, arg2, arg3, arg4);
}

```

#endif /*! BSD_USER_ARCH_SYSARCH_H_ */

Index: debug.c

=====

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/debug.c,v

retrieving revision 1.1

retrieving revision 1.3

diff -u -u -r1.1 -r1.3

--- debug.c 7 Sep 2007 10:01:21 -0000 1.1

+++ debug.c 15 Jan 2008 13:49:25 -0000 1.3

@@ -52,7 +52,11 @@

void X86EMU_trace_regs (void)

```

{
    if (DEBUG_TRACE()) {
-       x86emu_dump_regs();
+       if (M.x86.mode & (SYSMODE_PREFIX_DATA | SYSMODE_PREFIX_ADDR)) {
+           x86emu_dump_xregs();
+       } else {
+           x86emu_dump_regs();
+       }
    }
    if (DEBUG_DECODE() && !DEBUG_DECODE_NOPRINT()) {
        printk("%04x:%04x ", M.x86.saved_cs, M.x86.saved_ip);
@@ -185,7 +189,7 @@
        for (i=0; i< M.x86.enc_pos; i++) {
            sprintf(buf1+2*i,"%02x", fetch_data_byte_abs(s,o+i));
        }
-       printk("%-20s",buf1);
+       printk("%-20s ",buf1);
    }
}

```

static void print_decoded_instruction (void)

Index: ops2.c

=====

RCS file:

/cvs/osdf/cvs/host/other-licence/x86emu/ops2.c,v

retrieving revision 1.1

retrieving revision 1.3

diff -u -u -r1.1 -r1.3

--- ops2.c 7 Sep 2007 10:01:21 -0000 1.1

+++ ops2.c 20 Mar 2008 15:48:34 -0000 1.3

@@ -149,8 +149,69 @@

```

    target += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", target);
    TRACE_AND_STEP();
-   if (cond)
+   if (cond) {
        M.x86.R_IP = (u16)target;
+   JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " LONG COND ");
+   }
+   DECODE_CLEAR_SEGOVR();
+   END_OF_INSTR();
+}
+
+/******
+REMARKS:
+Handles opcode 0x0f,0xC8-0xCF
+*****/
+s32 x86emu_bswap(s32 reg)
+{
+   // perform the byte swap
+   s32 temp = reg;
+   reg = (temp & 0xFF000000) >> 24;
+   reg |= (temp & 0xFF0000) >> 8;
+   reg |= (temp & 0xFF00) << 8;
+   reg |= (temp & 0xFF) << 24;
+   return reg;
+}
+
+void x86emuOp2_bswap(u8 op2)
+{
+   /* byte swap 32 bit register */
+   START_OF_INSTR();
+   DECODE_PRINTF("BSWAP\t");
+   switch (op2) {
+       case 0xc8:
+           DECODE_PRINTF("EAX\n");
+           M.x86.R_EAX = x86emu_bswap(M.x86.R_EAX);
+           break;
+       case 0xc9:
+           DECODE_PRINTF("ECX\n");
+           M.x86.R_ECX = x86emu_bswap(M.x86.R_ECX);
+           break;
+       case 0xca:
+           DECODE_PRINTF("EDX\n");
+           M.x86.R_EDX = x86emu_bswap(M.x86.R_EDX);
+           break;
+       case 0xcb:
+           DECODE_PRINTF("EBX\n");

```

```

+   M.x86.R_EBX = x86emu_bswap(M.x86.R_EBX);
+   break;
+   case 0xcc:
+       DECODE_PRINTF("ESP\n");
+       M.x86.R_ESP = x86emu_bswap(M.x86.R_ESP);
+       break;
+   case 0xcd:
+       DECODE_PRINTF("EBP\n");
+       M.x86.R_EBP = x86emu_bswap(M.x86.R_EBP);
+       break;
+   case 0xce:
+       DECODE_PRINTF("ESI\n");
+       M.x86.R_ESI = x86emu_bswap(M.x86.R_ESI);
+       break;
+   case 0xcf:
+       DECODE_PRINTF("EDI\n");
+       M.x86.R_EDI
+       = x86emu_bswap(M.x86.R_EDI);
+       break;
+   }
+   TRACE_AND_STEP();
+   DECODE_CLEAR_SEGOVR();
+   END_OF_INSTR();
+ }
@@ -1702,14 +1763,14 @@
/* 0xc5 */ x86emuOp2_illegal_op,
/* 0xc6 */ x86emuOp2_illegal_op,
/* 0xc7 */ x86emuOp2_illegal_op,
/* 0xc8 */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xc9 */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xca */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xcb */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xcc */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xcd */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xce */ x86emuOp2_illegal_op, /* TODO: bswap */
/* 0xcf */ x86emuOp2_illegal_op, /* TODO: bswap */
+/* 0xc8 */ x86emuOp2_bswap,
+/* 0xc9 */ x86emuOp2_bswap,
+/* 0xca */ x86emuOp2_bswap,
+/* 0xcb */ x86emuOp2_bswap,
+/* 0xcc */ x86emuOp2_bswap,
+/* 0xcd */ x86emuOp2_bswap,
+/* 0xce */ x86emuOp2_bswap,
+/* 0xcf */ x86emuOp2_bswap,

/* 0xd0 */ x86emuOp2_illegal_op,
/* 0xd1 */ x86emuOp2_illegal_op,
Index:

```

ops.c

=====

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/ops.c,v

retrieving revision 1.1

diff -u -u -r1.1 ops.c

--- ops.c 7 Sep 2007 10:01:21 -0000 1.1

+++ ops.c 20 Mar 2008 16:52:00 -0000

@@ -1061,7 +1061,11 @@

```
    imm = (s8)fetch_byte_imm();
    DECODE_PRINTF2("PUSH\t%d\n", imm);
    TRACE_AND_STEP();
```

```
-    push_word(imm);
+    if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+        push_long(imm);
+    } else {
+        push_word(imm);
+    }
```

```
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
```

```
}
```

@@ -1256,8 +1260,10 @@

```
    target = (u16)(M.x86.R_IP + (s16)offset);
    DECODE_PRINTF2("%x\n", target);
    TRACE_AND_STEP();
```

```
-    if (cond)
+    if (cond) {
+        M.x86.R_IP = target;
+    JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " NEAR COND ");
+    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
```

```
}
```

@@ -2516,9 +2522,11 @@

```
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE))
    {
        /* dont care whether REPE or REPNE */
-        /* move them until CX is ZERO. */
-        count = M.x86.R_CX;
+        /* move them until (E)CX is ZERO. */
+        count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
        M.x86.R_CX = 0;
+    if (M.x86.mode & SYSMODE_32BIT_REP)
+        M.x86.R_ECX = 0;
        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    }
```

```
    while (count--) {
```

@@ -2526,6 +2534,8 @@

```

        store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, val);
        M.x86.R_SI += inc;
        M.x86.R_DI += inc;
+       if (M.x86.intr & INTR_HALTED)
+       break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2559,9 +2569,11 @@
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* move them until CX is ZERO. */
-       count = M.x86.R_CX;
+       /* move them until (E)CX is ZERO. */
+       count = (M.x86.mode
& SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
        M.x86.R_CX = 0;
+       if (M.x86.mode & SYSMODE_32BIT_REP)
+       M.x86.R_ECX = 0;
        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    }
    while (count--) {
@@ -2574,6 +2586,8 @@
    }
    M.x86.R_SI += inc;
    M.x86.R_DI += inc;
+       if (M.x86.intr & INTR_HALTED)
+       break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2598,16 +2612,21 @@

    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* REPE */
-       /* move them until CX is ZERO. */
-       while (M.x86.R_CX != 0) {
+       /* move them until (E)CX is ZERO. */
+       while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            val1 = fetch_data_byte(M.x86.R_SI);
            val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
            cmp_byte(val1, val2);
-       M.x86.R_CX -= 1;
+       if (M.x86.mode & SYSMODE_32BIT_REP)
+
            M.x86.R_ECX -= 1;
+       else

```

```

+     M.x86.R_CX -= 1;
      M.x86.R_SI += inc;
      M.x86.R_DI += inc;
      if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && (ACCESS_FLAG(F_ZF) == 0) ) break;
      if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
+     if (M.x86.intr & INTR_HALTED)
+     break;
  }
  M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2644,8 +2663,8 @@
  TRACE_AND_STEP();
  if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* REPE */
-    /* move them until CX is ZERO. */
-    while (M.x86.R_CX != 0) {
+    /* move them until (E)CX is ZERO. */
+    while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
      if (M.x86.mode & SYSMODE_PREFIX_DATA) {
        val1 = fetch_data_long(M.x86.R_SI);
        val2 = fetch_data_long_abs(M.x86.R_ES,
M.x86.R_DI);
@@ -2655,11 +2674,16 @@
        val2 = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
        cmp_word((u16)val1, (u16)val2);
      }
-    M.x86.R_CX -= 1;
+    if (M.x86.mode & SYSMODE_32BIT_REP)
+      M.x86.R_ECX -= 1;
+    else
+      M.x86.R_CX -= 1;
    M.x86.R_SI += inc;
    M.x86.R_DI += inc;
    if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && ACCESS_FLAG(F_ZF) == 0 ) break;
    if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
+    if (M.x86.intr & INTR_HALTED)
+    break;
  }
  M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2741,11 +2765,16 @@
  TRACE_AND_STEP();
  if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
-    /* move them until CX is ZERO. */
-    while (M.x86.R_CX != 0) {
+    /*

```

```

move them until (E)CX is ZERO. */
+   while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
        store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AL);
-       M.x86.R_CX -= 1;
+       if (M.x86.mode & SYSMODE_32BIT_REP)
+           M.x86.R_ECX -= 1;
+       else
+           M.x86.R_CX -= 1;
        M.x86.R_DI += inc;
+       if (M.x86.intr & INTR_HALTED)
+           break;
    }
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2783,9 +2812,11 @@
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* move them until CX is ZERO. */
-       count = M.x86.R_CX;
+       /* move them until (E)CX is ZERO. */
+       count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
        M.x86.R_CX = 0;
+   if (M.x86.mode & SYSMODE_32BIT_REP)
+       M.x86.R_ECX = 0;

        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    }
    while (count--) {
@@ -2795,6 +2826,8 @@
        store_data_word_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AX);
    }
    M.x86.R_DI += inc;
+   if (M.x86.intr & INTR_HALTED)
+       break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2817,11 +2850,16 @@
    inc = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* move them until CX is ZERO. */
-       while (M.x86.R_CX != 0) {
+       /* move them until (E)CX is ZERO. */
+       while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            M.x86.R_AL = fetch_data_byte(M.x86.R_SI);
-           M.x86.R_CX -= 1;

```

```

+     if (M.x86.mode & SYSMODE_32BIT_REP)
+         M.x86.R_ECX -= 1;
+     else
+         M.x86.R_CX -= 1;
+     M.x86.R_SI += inc;
+     if (M.x86.intr & INTR_HALTED)
+
+         break;
+     }
+     M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
+ } else {
@@ -2859,9 +2897,11 @@
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-        /* move them until CX is ZERO. */
-        count = M.x86.R_CX;
+        /* move them until (E)CX is ZERO. */
+        count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
        M.x86.R_CX = 0;
+    if (M.x86.mode & SYSMODE_32BIT_REP)
+        M.x86.R_ECX = 0;
        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    }
    while (count--) {
@@ -2871,6 +2911,8 @@
        M.x86.R_AX = fetch_data_word(M.x86.R_SI);
    }
    M.x86.R_SI += inc;
+    if (M.x86.intr & INTR_HALTED)
+        break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2894,26 +2936,36 @@
    inc = 1;
    if (M.x86.mode & SYSMODE_PREFIX_REPE) {
        /*
REPE */
-        /* move them until CX is ZERO. */
-        while (M.x86.R_CX != 0) {
+        /* move them until (E)CX is ZERO. */
+        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
            cmp_byte(M.x86.R_AL, val2);
-            M.x86.R_CX -= 1;
+            if (M.x86.mode & SYSMODE_32BIT_REP)
+                M.x86.R_ECX -= 1;
        }
    }

```



```

+     else
+         M.x86.R_CX -= 1;
+         M.x86.R_DI += inc;
+         if (ACCESS_FLAG(F_ZF) == 0)
+             break;
+         if (M.x86.intr & INTR_HALTED)
+             break;
+     }
+     M.x86.mode &= ~SYSMODE_PREFIX_REPE;
+ } else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
+     /* REPNE */
-     /* move them until CX is ZERO. */
-     while (M.x86.R_CX != 0) {
+     /* move them until (E)CX is ZERO. */
+     while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {

+         val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
+         cmp_byte(M.x86.R_AL, val2);
-         M.x86.R_CX -= 1;
+         if (M.x86.mode & SYSMODE_32BIT_REP)
+             M.x86.R_ECX -= 1;
+         else
+             M.x86.R_CX -= 1;
+         M.x86.R_DI += inc;
+         if (ACCESS_FLAG(F_ZF))
+             break; /* zero flag set means equal */
+         if (M.x86.intr & INTR_HALTED)
+             break;
+     }
+     M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
+ } else {
@@ -2951,8 +3003,8 @@
    TRACE_AND_STEP();
    if (M.x86.mode & SYSMODE_PREFIX_REPE) {
        /* REPE */
-        /* move them until CX is ZERO. */
-        while (M.x86.R_CX != 0) {
+        /* move them until (E)CX is ZERO. */
+        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
+            if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+                val = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
+                cmp_long(M.x86.R_EAX,
val);
@@ -2960,16 +3012,21 @@
+                val = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
+                cmp_word(M.x86.R_AX, (u16)val);
+            }
-            M.x86.R_CX -= 1;

```

```

+     if (M.x86.mode & SYSMODE_32BIT_REP)
+         M.x86.R_ECX -= 1;
+     else
+         M.x86.R_CX -= 1;
+     M.x86.R_DI += inc;
+     if (ACCESS_FLAG(F_ZF) == 0)
+         break;
+     if (M.x86.intr & INTR_HALTED)
+         break;
+ }
+ M.x86.mode &= ~SYSMODE_PREFIX_REPE;
+ } else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
+     /* REPNE */
-     /* move them until CX is ZERO. */
-     while (M.x86.R_CX != 0) {
+     /* move them until (E)CX is ZERO. */
+     while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
+         if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+             val = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
+             cmp_long(M.x86.R_EAX,
val);
@@ -2977,10 +3034,15 @@
+             val = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
+             cmp_word(M.x86.R_AX, (u16)val);
+         }
-         M.x86.R_CX -= 1;
+         if (M.x86.mode & SYSMODE_32BIT_REP)
+             M.x86.R_ECX -= 1;
+         else
+             M.x86.R_CX -= 1;
+         M.x86.R_DI += inc;
+         if (ACCESS_FLAG(F_ZF))
+             break; /* zero flag set means equal */
+         if (M.x86.intr & INTR_HALTED)
+             break;
+     }
+     M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
+ } else {
@@ -3238,9 +3300,9 @@
+     DECODE_PRINTF("RET\t");
+     imm = fetch_word_imm();
+     DECODE_PRINTF2("%x\n", imm);
- RETURN_TRACE("RET", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
+     M.x86.R_IP = pop_word();
+ RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
+     M.x86.R_SP += imm;
+     DECODE_CLEAR_SEGOVR();

```

```

    END_OF_INSTR();
@@ -3254,9 +3316,9
@@
{
    START_OF_INSTR();
    DECODE_PRINTF("RET\n");
- RETURN_TRACE("RET",M.x86.saved_cs,M.x86.saved_ip);
    TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
+ RETURN_TRACE(M.x86.saved_cs,M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -3471,10 +3533,10 @@
    DECODE_PRINTF("RETF\t");
    imm = fetch_word_imm();
    DECODE_PRINTF2("%x\n", imm);
- RETURN_TRACE("RETF",M.x86.saved_cs,M.x86.saved_ip);
    TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
    M.x86.R_CS = pop_word();
+ RETURN_TRACE(M.x86.saved_cs,M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
    M.x86.R_SP += imm;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -3488,10 +3550,10 @@
{
    START_OF_INSTR();
    DECODE_PRINTF("RETF\n");
- RETURN_TRACE("RETF",M.x86.saved_cs,M.x86.saved_ip);
    TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
    M.x86.R_CS = pop_word();
+ RETURN_TRACE(M.x86.saved_cs,M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -4020,8 +4082,11 @@
    ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
- M.x86.R_CX -= 1;
- if (M.x86.R_CX != 0 && !ACCESS_FLAG(F_ZF)) /* CX != 0 and !ZF */
+ if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+ M.x86.R_ECX -= 1;
+ else
+ M.x86.R_CX -= 1;
+ if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&

```

```

!ACCESS_FLAG(F_ZF))    /* (E)CX != 0 and !ZF */
    M.x86.R_IP = ip;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -4041,8 +4106,11 @@
    ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
-   M.x86.R_CX -= 1;
-   if (M.x86.R_CX != 0 && ACCESS_FLAG(F_ZF))    /* CX != 0 and ZF */
+   if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+       M.x86.R_ECX -= 1;
+   else
+       M.x86.R_CX -= 1;
+   if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&
ACCESS_FLAG(F_ZF))    /* (E)CX != 0 and ZF */
        M.x86.R_IP = ip;
        DECODE_CLEAR_SEGOVR();
        END_OF_INSTR();
@@ -4062,8 +4130,11 @@
    ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
-   M.x86.R_CX -= 1;
-   if (M.x86.R_CX != 0)
+   if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+       M.x86.R_ECX -= 1;
+   else
+       M.x86.R_CX -= 1;
+   if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0)    /* (E)CX != 0 */
        M.x86.R_IP = ip;
        DECODE_CLEAR_SEGOVR();
        END_OF_INSTR();
@@ -4085,8 +4156,10 @@
    target = (u16)(M.x86.R_IP + offset);
    DECODE_PRINTF2("%x\n", target);
    TRACE_AND_STEP();
-   if (M.x86.R_CX == 0)
+   if (M.x86.R_CX == 0) {
        M.x86.R_IP = target;
+   JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " CXZ ");
+   }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -4213,6 +4286,7 @@
    ip = (s16)fetch_word_imm();
    ip += (s16)M.x86.R_IP;

```

```

    DECODE_PRINTF2("%04x\n", ip);
+   JMP_TRACE(M.x86.saved_cs,
M.x86.saved_ip, M.x86.R_CS, ip, " NEAR ");
    TRACE_AND_STEP();
    M.x86.R_IP = (u16)ip;
    DECODE_CLEAR_SEGOVR();
@@ -4233,6 +4307,7 @@
    cs = fetch_word_imm();
    DECODE_PRINTF2("%04x:", cs);
    DECODE_PRINTF2("%04x\n", ip);
+   JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, cs, ip, " FAR ");
    TRACE_AND_STEP();
    M.x86.R_IP = ip;
    M.x86.R_CS = cs;
@@ -4254,6 +4329,7 @@
    offset = (s8)fetch_byte_imm();
    target = (u16)(M.x86.R_IP + offset);
    DECODE_PRINTF2("%x\n", target);
+   JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, target, " BYTE ");
    TRACE_AND_STEP();
    M.x86.R_IP = target;
    DECODE_CLEAR_SEGOVR();
@@ -4357,6 +4433,8 @@
    DECODE_PRINTF("REPNE\n");
    TRACE_AND_STEP();
    M.x86.mode |= SYSMODE_PREFIX_REPNE;
+   if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+       M.x86.mode |= SYSMODE_32BIT_REP;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -4371,6 +4449,8 @@
    DECODE_PRINTF("REPE\n");
    TRACE_AND_STEP();
    M.x86.mode |= SYSMODE_PREFIX_REPE;
+   if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+       M.x86.mode |= SYSMODE_32BIT_REP;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -5013,12 +5093,14 @@
    break;
case 4:      /* jmp word ptr ... */
    destval = fetch_data_word(destoffset);
+   JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, destval, " WORD ");
    TRACE_AND_STEP();
    M.x86.R_IP = destval;
    break;

```

```

        case 5:      /* jmp far ptr ... */
            destval = fetch_data_word(destoffset);
            destval2 = fetch_data_word(destoffset + 2);
+       JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, destval2, destval, " FAR ");
            TRACE_AND_STEP();
            M.x86.R_IP = destval;
            M.x86.R_CS = destval2;

```

Index: prim_ops.c

=====

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/prim_ops.c,v

retrieving revision

1.1

retrieving revision 1.3

diff -u -u -r1.1 -r1.3

--- prim_ops.c 7 Sep 2007 10:01:21 -0000 1.1

+++ prim_ops.c 16 Jan 2008 14:18:15 -0000 1.3

@@ -1921,7 +1921,7 @@

void imul_long_direct(u32 *res_lo, u32* res_hi, u32 d, u32 s)

{

#ifdef __HAS_LONG_LONG__

- s64 res = (s64)d * (s64)s;

+ s64 res = (s64)(s32)d * (s64)(s32)s;

*res_lo = (u32)res;

*res_hi = (u32)(res >> 32);

@@ -2013,7 +2013,7 @@

void mul_long(u32 s)

{

#ifdef __HAS_LONG_LONG__

- u64 res = (u32)M.x86.R_EAX * (u32)s;

+ u64 res = (u64)M.x86.R_EAX * s;

M.x86.R_EAX = (u32)res;

M.x86.R_EDX = (u32)(res >> 32);

@@ -2312,16 +2312,15 @@

}

if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {

/* dont care whether REPE or REPNE */

- /* in until CX is ZERO. */

- u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?

+ /* in until (E)CX is ZERO. */

+ u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?

M.x86.R_ECX : M.x86.R_CX);

-

while (count--) {

single_in(size);

M.x86.R_DI += inc;

}

```

        M.x86.R_CX = 0;
-       if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+       if (M.x86.mode & SYSMODE_32BIT_REP) {
            M.x86.R_ECX = 0;
        }
        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
@@ -2355,15 +2354,15 @@
    }
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* out until CX is ZERO. */
-       u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
+       /* out until (E)CX is ZERO. */
+       u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?
            M.x86.R_ECX : M.x86.R_CX);
        while (count-- > 0) {
            single_out(size);
            M.x86.R_SI += inc;
        }
        M.x86.R_CX = 0;
-       if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+       if (M.x86.mode & SYSMODE_32BIT_REP) {
            M.x86.R_ECX = 0;
        }
        M.x86.mode
        &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
Index: sys.c

```

```

=====
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/sys.c,v

```

```

retrieving revision 1.1

```

```

retrieving revision 1.2

```

```

diff -u -u -r1.1 -r1.2

```

```

--- sys.c 7 Sep 2007 10:01:21 -0000 1.1

```

```

+++ sys.c 7 Sep 2007 10:03:13 -0000 1.2

```

```

@@ -45,11 +45,6 @@

```

```

#include <x86emu/regs.h>

```

```

#include "debug.h"

```

```

#include "prim_ops.h"

```

```

#ifdef LINUXBIOS_VERSION

```

```

#include "io.h"

```

```

#else

```

```

#include <sys/io.h>

```

```

#endif

```

```

#ifdef IN_MODULE

```

```

#include "xf86_ansi.h"

```

```

@@ -220,7 +215,7 @@

```

```

{

```

```

DB(if (DEBUG_IO_TRACE())
    printk("inb %#04x \n", addr);)
- return inb(addr);
+ return 0;
}

```

/******

```

@@ -235,7 +230,7 @@
{
    DB(if (DEBUG_IO_TRACE())
        printk("inw %#04x \n", addr);)
- return inw(addr);
+ return 0;
}

```

/******

```

@@ -250,7 +245,7 @@
{
    DB(if (DEBUG_IO_TRACE())
        printk("inl %#04x \n", addr);)
- return inl(addr);
+ return 0;
}

```

/******

```

@@ -264,7 +259,6 @@
{
    DB(if (DEBUG_IO_TRACE())
        printk("outb %#02x -> %#04x \n", val, addr);)
- outb(val, addr);
    return;
}

```

```

@@ -279,7 +273,6 @@
{
    DB(if (DEBUG_IO_TRACE())
        printk("outw %#04x -> %#04x \n", val, addr);)
- outw(val, addr);
    return;
}

```

```

@@ -295,7 +288,6 @@
    DB(if (DEBUG_IO_TRACE())
        printk("outl %#08x -> %#04x \n", val, addr);)

- outl(val, addr);
    return;
}

```


@@ -405,6 +397,6 @@

```
void X86EMU_setMemBase(void *base, size_t size)
```

```
{
- M.mem_base = (int) base;
+ M.mem_base = (unsigned long) base;
  M.mem_size = size;
}
```

Index: include/x86emu/debug.h

=====

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/debug.h,v

retrieving revision 1.1

retrieving revision 1.4

diff -u -u -r1.1 -r1.4

--- include/x86emu/debug.h 7

Sep 2007 10:01:21 -0000 1.1

+++ include/x86emu/debug.h 20 Mar 2008 15:25:27 -0000 1.4

@@ -40,8 +40,6 @@

```
#ifndef __X86EMU_DEBUG_H
```

```
#define __X86EMU_DEBUG_H
```

```
-// #define DEBUG 0
```

```
-#undef DEBUG
```

```
/*----- Macros and type definitions -----*/
```

```
/* checks to be enabled for "runtime" */
```

@@ -78,6 +76,8 @@

```
# define DEBUG_SYSINT()      (M.x86.debug & DEBUG_SYSINT_F)
```

```
# define DEBUG_TRACECALL()   (M.x86.debug & DEBUG_TRACECALL_F)
```

```
# define DEBUG_TRACECALLREGS() (M.x86.debug & DEBUG_TRACECALL_REGS_F)
```

```
+# define DEBUG_TRACEJMP()    (M.x86.debug & DEBUG_TRACEJMP_F)
```

```
+# define DEBUG_TRACEJMPREGS() (M.x86.debug & DEBUG_TRACEJMP_REGS_F)
```

```
# define DEBUG_SYS()          (M.x86.debug & DEBUG_SYS_F)
```

```
# define DEBUG_MEM_TRACE()    (M.x86.debug & DEBUG_MEM_TRACE_F)
```

```
# define DEBUG_IO_TRACE()     (M.x86.debug & DEBUG_IO_TRACE_F)
```

@@ -96,6 +96,8 @@

```
# define DEBUG_SYSINT()      0
```

```
# define DEBUG_TRACECALL()   0
```

```
# define DEBUG_TRACECALLREGS() 0
```

```
+# define DEBUG_TRACEJMP()    0
```

```
0
```

```
+# define DEBUG_TRACEJMPREGS() 0
```

```
# define DEBUG_SYS()          0
```

```
# define DEBUG_MEM_TRACE()    0
```

```
# define DEBUG_IO_TRACE()     0
```

@@ -169,14 +171,20 @@

```
  x86emu_dump_regs();
```

```
\
```

```

if (DEBUG_TRACECALL())
    printk("%04x:%04x: CALL %s%04x:%04x\n", u, v, s, w, x);
-# define RETURN_TRACE(n,u,v)
+# define RETURN_TRACE(u,v,w,x,s)
if (DEBUG_TRACECALLREGS())
    x86emu_dump_regs();
if (DEBUG_TRACECALL())
-   printk("%04x:%04x: %s\n",u,v,n);
+   printk("%04x:%04x: RET %s %04x:%04x\n",u,v,s,w,x);
+# define JMP_TRACE(u,v,w,x,s)
+   if (DEBUG_TRACEJMPREGS()) \
+       x86emu_dump_regs(); \
+   if (DEBUG_TRACEJMP()) \
+       printk("%04x:%04x: JMP %s%04x:%04x\n", u, v, s, w, x);
#else
#define CALL_TRACE(u,v,w,x,s)
-#
define RETURN_TRACE(n,u,v)
+# define RETURN_TRACE(u,v,w,x,s)
+# define JMP_TRACE(u,v,w,x,s)
#endif

#ifdef DEBUG
Index: include/x86emu/regs.h
=====
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/regs.h,v
retrieving revision 1.1
retrieving revision 1.4
diff -u -u -r1.1 -r1.4
--- include/x86emu/regs.h 7 Sep 2007 10:01:21 -0000 1.1
+++ include/x86emu/regs.h 15 Jan 2008 13:46:40 -0000 1.4
@@ -231,6 +231,9 @@
#define SYSMODE_PREFIX_REPNE    0x00000100
#define SYSMODE_PREFIX_DATA    0x00000200
#define SYSMODE_PREFIX_ADDR    0x00000400
+//phueper: for REP(E|NE) Instructions, we need to decide wether it should be using
+//the 32bit ECX register as or the 16bit CX register as count register
+#define SYSMODE_32BIT_REP      0x00000800
#define SYSMODE_INTR_PENDING    0x10000000
#define SYSMODE_EXTRN_INTR      0x20000000
#define SYSMODE_HALTED          0x40000000
@@ -250,7 +253,8 @@
    SYSMODE_SEGOVR_GS    | \
    SYSMODE_SEGOVR_SS    | \
    SYSMODE_PREFIX_DATA  | \
-   SYSMODE_PREFIX_ADDR)
+   SYSMODE_PREFIX_ADDR | \
+   SYSMODE_32BIT_REP)

```

```

#define INTR_SYNCH      0x1
#define INTR_ASYNCH     0x2
@@ -274,9 +278,9 @@
    */
    u32                mode;
    volatile int        intr; /* mask of pending interrupts */
- int                debug;
+ volatile int        debug;
#ifdef DEBUG
- int                check;
+ int                check;
    u16                saved_ip;
    u16                saved_cs;
    int                enc_pos;
Index: include/x86emu/x86emu.h
=====
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/x86emu.h,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- include/x86emu/x86emu.h 7 Sep 2007 10:01:21
-0000 1.1
+++ include/x86emu/x86emu.h 19 Oct 2007 08:42:15 -0000 1.3
@@ -47,6 +47,7 @@
#include <console.h>
#define printk(x...) printk(BIOS_DEBUG, x)
#else
+#include <stdio.h>
#define printk printf
#endif

@@ -189,6 +181,8 @@
#define DEBUG_TRACECALL_REGS_F 0x004000
#define DEBUG_DECODE_NOPRINT_F 0x008000
#define DEBUG_SAVE_IP_CS_F 0x010000
+#define DEBUG_TRACEJMP_F 0x020000
+#define DEBUG_TRACEJMP_REGS_F 0x040000
#define DEBUG_SYS_F (DEBUG_SVC_F|DEBUG_FS_F|DEBUG_PROC_F)

void X86EMU_trace_regs(void);
@@ -200,5 +194,4 @@
#ifdef __cplusplus
} /* End of "C" linkage for C++ */
#endif
-
#endif /* __X86EMU_X86EMU_H */

```

This dtc package contains two pieces of software: dtc itself, and libfdt which comprises the files in the libfdt/ subdirectory. These two pieces of software, although closely related, are quite distinct. dtc does not incorporate or rely on libfdt for its operation, nor vice versa. It is important that these two pieces of software have different license conditions.

As SPDX license tags in each source file attest, dtc is licensed under the GNU GPL. The full text of the GPL can be found in the file entitled 'GPL' which should be included in this package. dtc code, therefore, may not be incorporated into works which do not have a GPL compatible license.

libfdt, however, is GPL/BSD dual-licensed. That is, it may be used either under the terms of the GPL, or under the terms of the 2-clause BSD license (aka the ISC license). The full terms of that license can be found are in the file entitled 'BSD-2-Clause'. This is, in practice, equivalent to being BSD licensed, since the terms of the BSD license are strictly more permissive than the GPL.

I made the decision to license libfdt in this way because I want to encourage widespread and correct usage of flattened device trees, including by proprietary or otherwise GPL-incompatible firmware or tools. Allowing libfdt to be used under the terms of the BSD license makes that it easier for vendors or authors of such software to do so.

This does mean that libfdt code could be "stolen" - say, included in a proprietary fimware and extended without contributing those extensions back to the libfdt mainline. While I hope that doesn't happen, I believe the goal of allowing libfdt to be widely used is more important than avoiding that. libfdt is quite small, and hardly rocket science; so the incentive for such impolite behaviour is small, and the inconvenience caused thereby is not dire.

Licenses such as the LGPL which would allow code to be used in non-GPL software, but also require contributions to be returned were considered. However, libfdt is designed to be used in firmwares and other environments with unusual technical constraints. It's difficult to anticipate all possible changes which might be needed to meld libfdt into such environments and so difficult to suitably word a license that puts the boundary between what is and isn't permitted in the intended place. Again, I judged encouraging widespread use of libfdt by keeping the license terms simple and familiar to be the more

important goal.

****IMPORTANT**** It's intended that all of libfdt as released remain permissively licensed this way. Therefore only contributions which are released under these terms can be merged into the libfdt mainline.

David Gibson <david@gibson.dropbear.id.au>

(principal original author of dtc and libfdt)

2 November 2007

/*

* netbsd ELF definitions

*

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*

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*/

#ifndef _TARGET_OS_ELF_H_

#define _TARGET_OS_ELF_H_

#include "target_arch_elf.h"

#include "elf.h"

/* this flag is ineffective under linux too, should be deleted */

#ifndef MAP_DENYWRITE

#define MAP_DENYWRITE 0

#endif

/* should probably go in elf.h */

#ifndef ELIBBAD

#define

ELIBBAD 80

#endif

#ifndef ELF_PLATFORM

#define ELF_PLATFORM (NULL)

#endif

```

#ifndef ELF_HWCAP
#define ELF_HWCAP 0
#endif

#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif

/* max code+data+bss space allocated to elf interpreter */
#define INTERP_MAP_SIZE (32 * 1024 * 1024)

/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)

/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
    ~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 12

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,
                                         abi_ulong stringp,
                                         struct elfhdr *exec,
                                         abi_ulong load_addr,
                                         abi_ulong load_bias,
                                         abi_ulong interp_load_addr,
                                         struct image_info *info)
{
    abi_ulong sp;
    int size;
    abi_ulong u_platform;
    const char *k_platform;
    const int n = sizeof(elf_addr_t);

    sp = p;
    u_platform = 0;
    k_platform = ELF_PLATFORM;
    if (k_platform) {
        size_t len = strlen(k_platform) + 1;
        sp -= (len + n - 1) & ~(n - 1);
        u_platform = sp;
        /* FIXME - check return value of memcpy_to_target() for failure */
    }

```

```

    memcpy_to_target(sp, k_platform, len);
}
/*
 * Force 16 byte _final_ alignment here for generality.
 */
sp = sp & ~(abi_ulong)15;
size = (DLINFO_ITEMS + 1) * 2;
if (k_platform) {
    size += 2;
}
#ifdef DLINFO_ARCH_ITEMS
    size += DLINFO_ARCH_ITEMS * 2;
#endif
size += envc + argc + 2;
size += 1;          /* argc itself */
size *= n;
if (size & 15) {
    sp -= 16 - (size & 15);
}

/*
 * NetBSD defines elf_addr_t as Elf32_Off / Elf64_Off
 */
#define NEW_AUX_ENT(id, val) do {          \
    sp -= n; put_user_ual(val, sp);  \
    sp -= n; put_user_ual(id, sp);    \
} while (0)

NEW_AUX_ENT(AT_NULL, 0);

/* There must be exactly DLINFO_ITEMS entries here. */
NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
NEW_AUX_ENT(AT_UID,
(abi_ulong)getuid());
NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
NEW_AUX_ENT(AT_HWCAP, (abi_ulong)ELF_HWCAP);
NEW_AUX_ENT(AT_CLKTCK, (abi_ulong)sysconf(_SC_CLK_TCK));
if (k_platform) {
    NEW_AUX_ENT(AT_PLATFORM, u_platform);
}

```

```

#ifdef ARCH_DLINFO
/*
 * ARCH_DLINFO must come last so platform specific code can enforce
 * special alignment requirements on the AUXV if necessary (eg. PPC).
 */
ARCH_DLINFO;
#endif
#endif NEW_AUX_ENT

    sp = loader_build_argptr(envc, argc, sp, stringp);
    return sp;
}

```

```

#endif /* _TARGET_OS_ELF_H_ */
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Version 2, June 1991

```

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possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

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to attach them to the start of each source file to most effectively
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when it starts in an interactive mode:

```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c'
for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate
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be called something other than ``show w'` and ``show c'`; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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library. If this is what you want to do, use the GNU Library General
Public

License instead of this License.

```
/*
```

```
* FreeBSD dependent strace print functions
```

```
*
```

```
* Copyright (c) 2013 Stacey D. Son
```

```
*
```

```
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```

```
* it under the terms of the GNU General Public License as published by
```

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```

```
* (at your option) any later version.
```

```
*
```

```
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```

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- */

```
#include "target_arch_sysarch.h" /* architecture dependent functions */
```

```
static inline void do_os_print_sysarch(const struct syscallname *name,
    abi_long arg1, abi_long arg2, abi_long arg3, abi_long arg4,
    abi_long arg5, abi_long arg6)
{
    /* This is arch dependent */
    do_freebsd_arch_print_sysarch(name, arg1, arg2, arg3, arg4, arg5, arg6);
}
```

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*

* @(#)errno.h 8.5 (Berkeley) 1/21/94

*/

#ifndef _ERRNO_DEFS_H_

#define _ERRNO_DEFS_H_

#define

```

TARGET_EPERM      1      /* Operation not permitted */
#define TARGET_ENOENT      2      /* No such file or directory */
#define TARGET_ESRCH      3      /* No such process */
#define TARGET_EINTR      4      /* Interrupted system call */
#define TARGET_EIO      5      /* Input/output error */
#define TARGET_ENXIO      6      /* Device not configured */
#define TARGET_E2BIG      7      /* Argument list too long */
#define TARGET_ENOEXEC      8      /* Exec format error */
#define TARGET_EBADF      9      /* Bad file descriptor */
#define TARGET_ECHILD      10     /* No child processes */
#define TARGET_EDEADLK      11     /* Resource deadlock avoided */
/* 11 was EAGAIN */
#define TARGET_ENOMEM      12     /* Cannot allocate memory */
#define TARGET_EACCES
    13      /* Permission denied */
#define TARGET_EFAULT      14     /* Bad address */
#define TARGET_ENOTBLK      15     /* Block device required */
#define TARGET_EBUSY      16     /* Device busy */
#define TARGET_EEXIST      17     /* File exists */
#define TARGET_EXDEV      18     /* Cross-device link */
#define TARGET_ENODEV      19     /* Operation not supported by device */
#define TARGET_ENOTDIR      20     /* Not a directory */
#define TARGET_EISDIR      21     /* Is a directory */
#define TARGET_EINVAL      22     /* Invalid argument */
#define TARGET_ENFILE      23     /* Too many open files in system */
#define TARGET_EMFILE      24     /* Too many open files */
#define TARGET_ENOTTY      25     /* Inappropriate ioctl for device */
#define TARGET_ETXTBSY      26     /* Text file
    busy */
#define TARGET_EFBIG      27     /* File too large */
#define TARGET_ENOSPC      28     /* No space left on device */
#define TARGET_ESPIPE      29     /* Illegal seek */
#define TARGET_EROFS      30     /* Read-only file system */
#define TARGET_EMLINK      31     /* Too many links */

```

```

#define TARGET_EPIPE      32      /* Broken pipe */

/* math software */
#define TARGET_EDOM      33      /* Numerical argument out of domain */
#define TARGET_ERANGE    34      /* Result too large */

/* non-blocking and interrupt i/o */
#define TARGET_EAGAIN     35      /* Resource temporarily unavailable */
#define TARGET_EWOULDBLOCK EAGAIN /* Operation would block */
#define TARGET_EINPROGRESS 36      /* Operation now in progress */
#define TARGET_EALREADY 37      /* Operation already in progress */

/* ipc/network software -- argument
errors */
#define TARGET_ENOTSOCK 38      /* Socket operation on non-socket */
#define TARGET_EDESTADDRREQ 39      /* Destination address required */
#define TARGET EMSGSIZE 40      /* Message too long */
#define TARGET_EPROTOTYPE 41      /* Protocol wrong type for socket */
#define TARGET_ENOPROTOOPT 42      /* Protocol not available */
#define TARGET_EPROTONOSUPPORT 43      /* Protocol not supported */
#define TARGET_ESOCKTNOSUPPORT 44      /* Socket type not supported */
#define TARGET_EOPNOTSUPP 45      /* Operation not supported */
#define TARGET_EPFNOSUPPORT 46      /* Protocol family not supported */
#define TARGET_EAFNOSUPPORT 47      /* Address family not supported by protocol family */
#define TARGET_EADDRINUSE 48      /* Address already in use */
#define TARGET_EADDRNOTAVAIL 49      /* Can't assign requested address */

/* ipc/network
software -- operational errors */
#define TARGET_ENETDOWN 50      /* Network is down */
#define TARGET_ENETUNREACH 51      /* Network is unreachable */
#define TARGET_ENETRESET 52      /* Network dropped connection on reset */
#define TARGET_ECONNABORTED 53      /* Software caused connection abort */
#define TARGET_ECONNRESET 54      /* Connection reset by peer */
#define TARGET_ENOBUFS 55      /* No buffer space available */
#define TARGET_EISCONN 56      /* Socket is already connected */
#define TARGET_ENOTCONN 57      /* Socket is not connected */
#define TARGET_ESHUTDOWN 58      /* Can't send after socket shutdown */
#define TARGET_ETOOMANYREFS 59      /* Too many references: can't splice */
#define TARGET_ETIMEOUT 60      /* Operation timed out */
#define TARGET_ECONNREFUSED 61      /* Connection refused */

#define TARGET_ELOOP
        62      /* Too many levels of symbolic links */
#define TARGET_ENAMETOOLONG 63      /* File name too long */

/* should be rearranged */
#define TARGET_EHOSTDOWN 64      /* Host is down */

```

```

#define TARGET_EHOSTUNREACH 65      /* No route to host */
#define TARGET_ENOTEMPTY 66        /* Directory not empty */

/* quotas & mush */
#define TARGET_EPROCLIM 67          /* Too many processes */
#define TARGET_EUSERS 68            /* Too many users */
#define TARGET_EDQUOT 69            /* Disk quota exceeded */

/* Network File System */
#define TARGET_ESTALE 70            /* Stale NFS file handle */
#define TARGET_EREMOTE 71           /* Too many levels of remote in path */
#define TARGET_EBADRPC 72           /* RPC struct is bad */
#define TARGET_ERPCMISMATCH 73      /* RPC version wrong */
#define TARGET_EPROGUNAVAIL 74      /*
RPC prog. not avail */
#define TARGET_EPROGMISMATCH 75     /* Program version wrong */
#define TARGET_EPROCUNAVAIL 76      /* Bad procedure for program */

#define TARGET_ENOLCK 77            /* No locks available */
#define TARGET_ENOSYS 78            /* Function not implemented */

#define TARGET_EFTYPE 79            /* Inappropriate file type or format */
#define TARGET_EAUTH 80             /* Authentication error */
#define TARGET_ENEEDAUTH 81         /* Need authenticator */
#define TARGET_EIPSEC 82            /* IPsec processing failure */
#define TARGET_ENOATTR 83           /* Attribute not found */
#define TARGET_EILSEQ 84            /* Illegal byte sequence */
#define TARGET_ENOMEDIUM 85        /* No medium found */
#define TARGET_EMEDIUMTYPE 86       /* Wrong Medium Type */
#define TARGET_EOVERFLOW 87         /* Conversion
overflow */
#define TARGET_ECANCELED 88         /* Operation canceled */
#define TARGET_EIDRM 89             /* Identifier removed */
#define TARGET_ENOMSG 90            /* No message of desired type */
#define TARGET_ELAST 90             /* Must be equal largest errno */

/* Internal errors: */
#define TARGET_EJUSTRETURN 254       /* Just return without modifying regs */
#define TARGET_ERESTART 255          /* Restart syscall */
#define TARGET_ERESTARTSYS TARGET_ERESTART /* Linux compat */

#endif /* ! _ERRNO_DEFS_H_ */
/* XXX OpenBSD dependent strace print functions */
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```

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/*

* mips64 sysarch() system call emulation

*

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*/

#ifndef BSD_USER_ARCH_SYSARCH_H_

#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"

#include "target_arch.h"

static inline abi_long do_freebsd_arch_sysarch(CPUMIPSSState *env, int op,
abi_ulong parms)

```

{
    int ret = 0;

    switch (op)
    {
    case TARGET_MIPS_SET_TLS:
        target_cpu_set_tls(env, parms);
        break;

    case TARGET_MIPS_GET_TLS:
        if (put_user(target_cpu_get_tls(env), parms, abi_ulong)) {
            ret = -TARGET_EFAULT;
        }
        break;

    default:
        ret = -TARGET_EINVAL;
        break;
    }

    return ret;
}

static inline void do_freebsd_arch_print_sysarch(
    const struct syscallname *name, abi_long arg1, abi_long arg2,
    abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{
    switch (arg1) {
    case TARGET_MIPS_SET_TLS:
        gemu_log("%s(SET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
        break;

    case TARGET_MIPS_GET_TLS:
        gemu_log("%s(GET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
        break;

    default:
        gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ")", (int)arg1, arg2);
    }
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_*/
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```

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```
/*
 * System call numbers.
 *
 * DO NOT EDIT-- this file is automatically @generated.
 * $FreeBSD$
 */
```

```
#define TARGET_FREEBSD_NR_syscall    0
#define TARGET_FREEBSD_NR_exit      1
#define TARGET_FREEBSD_NR_fork      2
#define TARGET_FREEBSD_NR_read      3
#define TARGET_FREEBSD_NR_write     4
#define TARGET_FREEBSD_NR_open      5
#define TARGET_FREEBSD_NR_close     6
#define TARGET_FREEBSD_NR_wait4     7
/* 8 is old creat */
#define TARGET_FREEBSD_NR_link      9
#define TARGET_FREEBSD_NR_unlink    10
/* 11 is obsolete execv */
#define TARGET_FREEBSD_NR_chdir     12
#define TARGET_FREEBSD_NR_fchdir    13
#define TARGET_FREEBSD_NR_freebsd11_mknod 14
#define TARGET_FREEBSD_NR_chmod     15
#define TARGET_FREEBSD_NR_chown     16
#define TARGET_FREEBSD_NR_break     17
/* 18 is freebsd4 getfsstat */
/* 19 is old lseek */
#define TARGET_FREEBSD_NR_getpid     20
#define TARGET_FREEBSD_NR_mount     21
#define
TARGET_FREEBSD_NR_unmount          22
#define TARGET_FREEBSD_NR_setuid     23
#define TARGET_FREEBSD_NR_getuid     24
#define TARGET_FREEBSD_NR_geteuid    25
#define TARGET_FREEBSD_NR_ptrace     26
```

```

#define TARGET_FREEBSD_NR_recvmmsg 27
#define TARGET_FREEBSD_NR_sendmsg 28
#define TARGET_FREEBSD_NR_recvfrom 29
#define TARGET_FREEBSD_NR_accept 30
#define TARGET_FREEBSD_NR_getpeername 31
#define TARGET_FREEBSD_NR_getsockname 32
#define TARGET_FREEBSD_NR_access 33
#define TARGET_FREEBSD_NR_chflags 34
#define TARGET_FREEBSD_NR_fchflags 35
#define TARGET_FREEBSD_NR_sync 36
#define TARGET_FREEBSD_NR_kill 37
    /* 38 is old stat */
#define TARGET_FREEBSD_NR_getppid 39
    /* 40 is old lstat */
#define TARGET_FREEBSD_NR_dup 41
#define TARGET_FREEBSD_NR_freebsd10_pipe 42
#define TARGET_FREEBSD_NR_getegid 43
#define TARGET_FREEBSD_NR_profil 44
#define
    TARGET_FREEBSD_NR_ktrace 45
    /* 46 is old sigaction */
#define TARGET_FREEBSD_NR_getgid 47
    /* 48 is old sigprocmask */
#define TARGET_FREEBSD_NR_getlogin 49
#define TARGET_FREEBSD_NR_setlogin 50
#define TARGET_FREEBSD_NR_acct 51
    /* 52 is old sigpending */
#define TARGET_FREEBSD_NR_sigaltstack 53
#define TARGET_FREEBSD_NR_ioctl 54
#define TARGET_FREEBSD_NR_reboot 55
#define TARGET_FREEBSD_NR_revoke 56
#define TARGET_FREEBSD_NR_symlink 57
#define TARGET_FREEBSD_NR_readlink 58
#define TARGET_FREEBSD_NR_execve 59
#define TARGET_FREEBSD_NR_umask 60
#define TARGET_FREEBSD_NR_chroot 61
    /* 62 is old fstat */
    /* 63 is old getkerninfo */
    /* 64 is old getpagesize */
#define TARGET_FREEBSD_NR_msync 65
#define TARGET_FREEBSD_NR_vfork 66

    /* 67 is obsolete vread */
    /* 68 is obsolete vwrite */
#define TARGET_FREEBSD_NR_sbrk 69
#define TARGET_FREEBSD_NR_sstk 70
    /* 71 is old mmap */
#define TARGET_FREEBSD_NR_freebsd11_vadvise 72

```

```

#define TARGET_FREEBSD_NR_munmap      73
#define TARGET_FREEBSD_NR_mprotect    74
#define TARGET_FREEBSD_NR_madvise     75
/* 76 is obsolete vhangup */
/* 77 is obsolete vlimit */
#define TARGET_FREEBSD_NR_mincore     78
#define TARGET_FREEBSD_NR_getgroups   79
#define TARGET_FREEBSD_NR_setgroups   80
#define TARGET_FREEBSD_NR_getpgrp     81
#define TARGET_FREEBSD_NR_setpgid     82
#define TARGET_FREEBSD_NR_setitimer   83
/* 84 is old wait */
#define TARGET_FREEBSD_NR_swapon       85
#define TARGET_FREEBSD_NR_getitimer   86
/* 87 is old gethostname */

/* 88 is old sethostname */
#define TARGET_FREEBSD_NR_getdtablesize 89
#define TARGET_FREEBSD_NR_dup2         90
#define TARGET_FREEBSD_NR_fcntl        92
#define TARGET_FREEBSD_NR_select       93
#define TARGET_FREEBSD_NR_fsync        95
#define TARGET_FREEBSD_NR_setpriority  96
#define TARGET_FREEBSD_NR_socket       97
#define TARGET_FREEBSD_NR_connect      98
/* 99 is old accept */
#define TARGET_FREEBSD_NR_getpriority  100
/* 101 is old send */
/* 102 is old recv */
/* 103 is old sigreturn */
#define TARGET_FREEBSD_NR_bind         104
#define TARGET_FREEBSD_NR_setsockopt   105
#define TARGET_FREEBSD_NR_listen       106
/* 107 is obsolete vtimes */
/* 108 is old sigvec */
/* 109 is old sigblock */
/* 110 is old sigsetmask */
/* 111 is old sigsuspend */
/* 112 is old sigstack */
/* 113 is old recvmmsg */
/* 114 is old sendmsg */
/* 115 is obsolete vtrace */
#define TARGET_FREEBSD_NR_gettimeofday 116
#define TARGET_FREEBSD_NR_getrusage    117
#define TARGET_FREEBSD_NR_getsockopt   118
#define TARGET_FREEBSD_NR_readv        120
#define TARGET_FREEBSD_NR_writev       121
#define TARGET_FREEBSD_NR_settimeofday 122

```



```

#define TARGET_FREEBSD_NR_fchown    123
#define TARGET_FREEBSD_NR_fchmod    124
    /* 125 is old recvfrom */
#define TARGET_FREEBSD_NR_setreuid   126
#define TARGET_FREEBSD_NR_setregid   127
#define TARGET_FREEBSD_NR_rename     128
    /* 129 is old truncate */
    /* 130 is old ftruncate */
#define TARGET_FREEBSD_NR_flock 131
#define TARGET_FREEBSD_NR_mkfifo
    132
#define TARGET_FREEBSD_NR_sendto     133
#define TARGET_FREEBSD_NR_shutdown   134
#define TARGET_FREEBSD_NR_socketpair  135
#define TARGET_FREEBSD_NR_mkdir 136
#define TARGET_FREEBSD_NR_rmdir 137
#define TARGET_FREEBSD_NR_utimes      138
    /* 139 is obsolete 4.2 sigreturn */
#define TARGET_FREEBSD_NR_adjtime     140
    /* 141 is old getpeername */
    /* 142 is old gethostid */
    /* 143 is old sethostid */
    /* 144 is old getrlimit */
    /* 145 is old setrlimit */
    /* 146 is old killpg */
#define TARGET_FREEBSD_NR_setsid      147
#define TARGET_FREEBSD_NR_quotactl    148
    /* 149 is old quota */
    /* 150 is old getsockname */
#define TARGET_FREEBSD_NR_nlm_syscall  154
#define TARGET_FREEBSD_NR_nfssvc
    155
    /* 156 is old getdirentries */
    /* 157 is freebsd4 statfs */
    /* 158 is freebsd4 fstatfs */
#define TARGET_FREEBSD_NR_lgetfh      160
#define TARGET_FREEBSD_NR_getfh 161
    /* 162 is freebsd4 getdomainname */
    /* 163 is freebsd4 setdomainname */
    /* 164 is freebsd4 uname */
#define TARGET_FREEBSD_NR_sysarch      165
#define TARGET_FREEBSD_NR_rtprio       166
#define TARGET_FREEBSD_NR_semsys       169
#define TARGET_FREEBSD_NR_msgsyz       170
#define TARGET_FREEBSD_NR_shmsys       171
    /* 173 is freebsd6 pread */
    /* 174 is freebsd6 pwrite */
#define TARGET_FREEBSD_NR_setfib       175

```

```

#define TARGET_FREEBSD_NR_ntp_adjtime 176
#define TARGET_FREEBSD_NR_setgid 181
#define TARGET_FREEBSD_NR_setegid
182
#define TARGET_FREEBSD_NR_seteuid 183
/* 184 is obsolete lfs_bmapv */
/* 185 is obsolete lfs_markv */
/* 186 is obsolete lfs_segclean */
/* 187 is obsolete lfs_segwait */
#define TARGET_FREEBSD_NR_freebsd11_stat 188
#define TARGET_FREEBSD_NR_freebsd11_fstat 189
#define TARGET_FREEBSD_NR_freebsd11_lstat 190
#define TARGET_FREEBSD_NR_pathconf 191
#define TARGET_FREEBSD_NR_fpathconf 192
#define TARGET_FREEBSD_NR_getrlimit 194
#define TARGET_FREEBSD_NR_setrlimit 195
#define TARGET_FREEBSD_NR_freebsd11_getdirentries 196
/* 197 is freebsd6 mmap */
#define TARGET_FREEBSD_NR___syscall 198
/* 199 is freebsd6 lseek */
/* 200 is freebsd6 truncate */
/* 201 is freebsd6 ftruncate */

#define
TARGET_FREEBSD_NR___sysctl 202
#define TARGET_FREEBSD_NR_mlock 203
#define TARGET_FREEBSD_NR_munlock 204
#define TARGET_FREEBSD_NR_undelete 205
#define TARGET_FREEBSD_NR_futimes 206
#define TARGET_FREEBSD_NR_getpgid 207
#define TARGET_FREEBSD_NR_poll 209
#define TARGET_FREEBSD_NR_freebsd7___semctl 220
#define TARGET_FREEBSD_NR_semget 221
#define TARGET_FREEBSD_NR_semop 222
/* 223 is obsolete semconfig */
#define TARGET_FREEBSD_NR_freebsd7_msgctl 224
#define TARGET_FREEBSD_NR_msgget 225
#define TARGET_FREEBSD_NR_msgsnd 226
#define TARGET_FREEBSD_NR_msgrcv 227
#define TARGET_FREEBSD_NR_shmat 228
#define TARGET_FREEBSD_NR_freebsd7_shmctl 229
#define TARGET_FREEBSD_NR_shmdt 230
#define TARGET_FREEBSD_NR_shmget 231
#define TARGET_FREEBSD_NR_clock_gettime 232
#define TARGET_FREEBSD_NR_clock_settime 233
#define TARGET_FREEBSD_NR_clock_getres 234
#define TARGET_FREEBSD_NR_ktimer_create
235
#define TARGET_FREEBSD_NR_ktimer_delete 236

```

```

#define TARGET_FREEBSD_NR_ktimer_settime    237
#define TARGET_FREEBSD_NR_ktimer_gettime    238
#define TARGET_FREEBSD_NR_ktimer_getoverrun  239
#define TARGET_FREEBSD_NR_nanosleep    240
#define TARGET_FREEBSD_NR_ffclock_getcounter  241
#define TARGET_FREEBSD_NR_ffclock_setestimate  242
#define TARGET_FREEBSD_NR_ffclock_getestimate  243
#define TARGET_FREEBSD_NR_clock_nanosleep    244
#define TARGET_FREEBSD_NR_clock_getcpuclockid2  247
#define TARGET_FREEBSD_NR_ntp_gettime    248
#define TARGET_FREEBSD_NR_minherit    250
#define TARGET_FREEBSD_NR_rfork 251
        /* 252 is obsolete openbsd_poll */
#define TARGET_FREEBSD_NR_issetugid    253
#define TARGET_FREEBSD_NR_lchown    254
#define TARGET_FREEBSD_NR_aio_read    255
#define TARGET_FREEBSD_NR_aio_write    256
#define TARGET_FREEBSD_NR_lio_listio    257
#define TARGET_FREEBSD_NR_freebsd11_getdents    272
#define TARGET_FREEBSD_NR_lchmod
    274
        /* 275 is obsolete netbsd_lchown */
#define TARGET_FREEBSD_NR_lutimes    276
        /* 277 is obsolete netbsd_msync */
#define TARGET_FREEBSD_NR_freebsd11_nstat    278
#define TARGET_FREEBSD_NR_freebsd11_nfstat    279
#define TARGET_FREEBSD_NR_freebsd11_nlstat    280
#define TARGET_FREEBSD_NR_preadv    289
#define TARGET_FREEBSD_NR_pwritev    290
        /* 297 is freebsd4 fhstatfs */
#define TARGET_FREEBSD_NR_fhopen    298
#define TARGET_FREEBSD_NR_freebsd11_fhstat    299
#define TARGET_FREEBSD_NR_modnext    300
#define TARGET_FREEBSD_NR_modstat    301
#define TARGET_FREEBSD_NR_modfnnext    302
#define TARGET_FREEBSD_NR_modfind    303
#define TARGET_FREEBSD_NR_kldload    304
#define TARGET_FREEBSD_NR_kldunload    305
#define TARGET_FREEBSD_NR_kldfind    306
#define TARGET_FREEBSD_NR_kldnext    307
#define TARGET_FREEBSD_NR_kldstat    308
#define
    TARGET_FREEBSD_NR_kldfirstmod    309
#define TARGET_FREEBSD_NR_getsid    310
#define TARGET_FREEBSD_NR_setresuid    311
#define TARGET_FREEBSD_NR_setresgid    312
        /* 313 is obsolete signanosleep */
#define TARGET_FREEBSD_NR_aio_return    314

```

```

#define TARGET_FREEBSD_NR_aio_suspend 315
#define TARGET_FREEBSD_NR_aio_cancel 316
#define TARGET_FREEBSD_NR_aio_error 317
    /* 318 is freebsd6 aio_read */
    /* 319 is freebsd6 aio_write */
    /* 320 is freebsd6 lio_listio */
#define TARGET_FREEBSD_NR_yield 321
    /* 322 is obsolete thr_sleep */
    /* 323 is obsolete thr_wakeup */
#define TARGET_FREEBSD_NR_mlockall 324
#define TARGET_FREEBSD_NR_munlockall 325
#define TARGET_FREEBSD_NR___getcwd 326
#define TARGET_FREEBSD_NR_sched_setparam 327
#define TARGET_FREEBSD_NR_sched_getparam
    328
#define TARGET_FREEBSD_NR_sched_setscheduler 329
#define TARGET_FREEBSD_NR_sched_getscheduler 330
#define TARGET_FREEBSD_NR_sched_yield 331
#define TARGET_FREEBSD_NR_sched_get_priority_max 332
#define TARGET_FREEBSD_NR_sched_get_priority_min 333
#define TARGET_FREEBSD_NR_sched_rr_get_interval 334
#define TARGET_FREEBSD_NR_utrace 335
    /* 336 is freebsd4 sendfile */
#define TARGET_FREEBSD_NR_kldsym 337
#define TARGET_FREEBSD_NR_jail 338
#define TARGET_FREEBSD_NR_nnpfs_syscall 339
#define TARGET_FREEBSD_NR_sigprocmask 340
#define TARGET_FREEBSD_NR_sigsuspend 341
    /* 342 is freebsd4 sigaction */
#define TARGET_FREEBSD_NR_sigpending 343
    /* 344 is freebsd4 sigreturn */
#define TARGET_FREEBSD_NR_sigtimedwait 345
#define TARGET_FREEBSD_NR_sigwaitinfo 346
#define TARGET_FREEBSD_NR___acl_get_file 347
#define TARGET_FREEBSD_NR___acl_set_file
    348
#define TARGET_FREEBSD_NR___acl_get_fd 349
#define TARGET_FREEBSD_NR___acl_set_fd 350
#define TARGET_FREEBSD_NR___acl_delete_file 351
#define TARGET_FREEBSD_NR___acl_delete_fd 352
#define TARGET_FREEBSD_NR___acl_aclcheck_file 353
#define TARGET_FREEBSD_NR___acl_aclcheck_fd 354
#define TARGET_FREEBSD_NR_extattrctl 355
#define TARGET_FREEBSD_NR_extattr_set_file 356
#define TARGET_FREEBSD_NR_extattr_get_file 357
#define TARGET_FREEBSD_NR_extattr_delete_file 358
#define TARGET_FREEBSD_NR_aio_waitcomplete 359
#define TARGET_FREEBSD_NR_getresuid 360

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#define TARGET_FREEBSD_NR_getresgid 361
#define TARGET_FREEBSD_NR_kqueue 362
#define TARGET_FREEBSD_NR_freebsd11_kevent 363
    /* 364 is obsolete __cap_get_proc */
    /* 365 is obsolete __cap_set_proc */
    /* 366 is obsolete __cap_get_fd */
    /* 367 is obsolete
__cap_get_file */
    /* 368 is obsolete __cap_set_fd */
    /* 369 is obsolete __cap_set_file */
#define TARGET_FREEBSD_NR_extattr_set_fd 371
#define TARGET_FREEBSD_NR_extattr_get_fd 372
#define TARGET_FREEBSD_NR_extattr_delete_fd 373
#define TARGET_FREEBSD_NR___setugid 374
    /* 375 is obsolete nfsclnt */
#define TARGET_FREEBSD_NR_eaccess 376
#define TARGET_FREEBSD_NR_afs3_syscall 377
#define TARGET_FREEBSD_NR_nmount 378
    /* 379 is obsolete kse_exit */
    /* 380 is obsolete kse_wakeup */
    /* 381 is obsolete kse_create */
    /* 382 is obsolete kse_thr_interrupt */
    /* 383 is obsolete kse_release */
#define TARGET_FREEBSD_NR___mac_get_proc 384
#define TARGET_FREEBSD_NR___mac_set_proc 385
#define TARGET_FREEBSD_NR___mac_get_fd
386
#define TARGET_FREEBSD_NR___mac_get_file 387
#define TARGET_FREEBSD_NR___mac_set_fd 388
#define TARGET_FREEBSD_NR___mac_set_file 389
#define TARGET_FREEBSD_NR_kenv 390
#define TARGET_FREEBSD_NR_lchflags 391
#define TARGET_FREEBSD_NR_uuidgen 392
#define TARGET_FREEBSD_NR_sendfile 393
#define TARGET_FREEBSD_NR_mac_syscall 394
#define TARGET_FREEBSD_NR_freebsd11_getfsstat 395
#define TARGET_FREEBSD_NR_freebsd11_statfs 396
#define TARGET_FREEBSD_NR_freebsd11_fstatfs 397
#define TARGET_FREEBSD_NR_freebsd11_fhstatfs 398
#define TARGET_FREEBSD_NR_ksem_close 400
#define TARGET_FREEBSD_NR_ksem_post 401
#define TARGET_FREEBSD_NR_ksem_wait 402
#define TARGET_FREEBSD_NR_ksem_trywait 403
#define TARGET_FREEBSD_NR_ksem_init 404
#define TARGET_FREEBSD_NR_ksem_open 405
#define TARGET_FREEBSD_NR_ksem_unlink 406
#define TARGET_FREEBSD_NR_ksem_getvalue 407
#define TARGET_FREEBSD_NR_ksem_destroy 408

```

```

#define
TARGET_FREEBSD_NR___mac_get_pid 409
#define TARGET_FREEBSD_NR___mac_get_link    410
#define TARGET_FREEBSD_NR___mac_set_link    411
#define TARGET_FREEBSD_NR_extattr_set_link  412
#define TARGET_FREEBSD_NR_extattr_get_link  413
#define TARGET_FREEBSD_NR_extattr_delete_link 414
#define TARGET_FREEBSD_NR___mac_execve 415
#define TARGET_FREEBSD_NR_sigaction    416
#define TARGET_FREEBSD_NR_sigreturn    417
#define TARGET_FREEBSD_NR_getcontext    421
#define TARGET_FREEBSD_NR_setcontext    422
#define TARGET_FREEBSD_NR_swapcontext  423
#define TARGET_FREEBSD_NR_swapoff      424
#define TARGET_FREEBSD_NR___acl_get_link    425
#define TARGET_FREEBSD_NR___acl_set_link    426
#define TARGET_FREEBSD_NR___acl_delete_link 427
#define TARGET_FREEBSD_NR___acl_aclcheck_link 428
#define TARGET_FREEBSD_NR_sigwait    429
#define TARGET_FREEBSD_NR_thr_create  430
#define TARGET_FREEBSD_NR_thr_exit    431
#define TARGET_FREEBSD_NR_thr_self    432
#define TARGET_FREEBSD_NR_thr_kill
433
#define TARGET_FREEBSD_NR_jail_attach 436
#define TARGET_FREEBSD_NR_extattr_list_fd    437
#define TARGET_FREEBSD_NR_extattr_list_file  438
#define TARGET_FREEBSD_NR_extattr_list_link  439
/* 440 is obsolete kse_switchin */
#define TARGET_FREEBSD_NR_ksem_timedwait    441
#define TARGET_FREEBSD_NR_thr_suspend    442
#define TARGET_FREEBSD_NR_thr_wake      443
#define TARGET_FREEBSD_NR_kldunloadf    444
#define TARGET_FREEBSD_NR_audit 445
#define TARGET_FREEBSD_NR_auditon    446
#define TARGET_FREEBSD_NR_getauid    447
#define TARGET_FREEBSD_NR_setauid    448
#define TARGET_FREEBSD_NR_getaudit    449
#define TARGET_FREEBSD_NR_setaudit    450
#define TARGET_FREEBSD_NR_getaudit_addr 451
#define TARGET_FREEBSD_NR_setaudit_addr 452
#define TARGET_FREEBSD_NR_auditctl    453
#define TARGET_FREEBSD_NR___umtx_op    454
#define TARGET_FREEBSD_NR_thr_new      455
#define TARGET_FREEBSD_NR_sigqueue
456
#define TARGET_FREEBSD_NR_kmq_open    457
#define TARGET_FREEBSD_NR_kmq_setattr 458

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```

#define TARGET_FREEBSD_NR_kmq_timedreceive 459
#define TARGET_FREEBSD_NR_kmq_timedsend 460
#define TARGET_FREEBSD_NR_kmq_notify 461
#define TARGET_FREEBSD_NR_kmq_unlink 462
#define TARGET_FREEBSD_NR_abort2 463
#define TARGET_FREEBSD_NR_thr_set_name 464
#define TARGET_FREEBSD_NR_aio_fsync 465
#define TARGET_FREEBSD_NR_rtprio_thread 466
#define TARGET_FREEBSD_NR_sctp_peeloff 471
#define TARGET_FREEBSD_NR_sctp_generic_sendmsg 472
#define TARGET_FREEBSD_NR_sctp_generic_sendmsg_iov 473
#define TARGET_FREEBSD_NR_sctp_generic_recvmsg 474
#define TARGET_FREEBSD_NR_pread 475
#define TARGET_FREEBSD_NR_pwrite 476
#define TARGET_FREEBSD_NR_mmap 477
#define TARGET_FREEBSD_NR_lseek 478
#define TARGET_FREEBSD_NR_truncate 479
#define TARGET_FREEBSD_NR_ftruncate 480
#define TARGET_FREEBSD_NR_thr_kill2 481
#define TARGET_FREEBSD_NR_freebsd12_shm_open 482
#define
TARGET_FREEBSD_NR_shm_unlink 483
#define TARGET_FREEBSD_NR_cpuset 484
#define TARGET_FREEBSD_NR_cpuset_setid 485
#define TARGET_FREEBSD_NR_cpuset_getid 486
#define TARGET_FREEBSD_NR_cpuset_getaffinity 487
#define TARGET_FREEBSD_NR_cpuset_setaffinity 488
#define TARGET_FREEBSD_NR_faccessat 489
#define TARGET_FREEBSD_NR_fchmodat 490
#define TARGET_FREEBSD_NR_fchownat 491
#define TARGET_FREEBSD_NR_fexecve 492
#define TARGET_FREEBSD_NR_freebsd11_fstatat 493
#define TARGET_FREEBSD_NR_futimesat 494
#define TARGET_FREEBSD_NR_linkat 495
#define TARGET_FREEBSD_NR_mkdirat 496
#define TARGET_FREEBSD_NR_mkfifoat 497
#define TARGET_FREEBSD_NR_freebsd11_mknodat 498
#define TARGET_FREEBSD_NR_openat 499
#define TARGET_FREEBSD_NR_readlinkat 500
#define TARGET_FREEBSD_NR_renameat 501
#define TARGET_FREEBSD_NR_symlinkat 502
#define TARGET_FREEBSD_NR_unlinkat 503
#define TARGET_FREEBSD_NR_posix_openpt 504
#define
TARGET_FREEBSD_NR_gssd_syscall 505
#define TARGET_FREEBSD_NR_jail_get 506
#define TARGET_FREEBSD_NR_jail_set 507
#define TARGET_FREEBSD_NR_jail_remove 508

```

```

#define TARGET_FREEBSD_NR_freebsd12_closefrom 509
#define TARGET_FREEBSD_NR___semctl 510
#define TARGET_FREEBSD_NR_msgctl 511
#define TARGET_FREEBSD_NR_shmctl 512
#define TARGET_FREEBSD_NR_lpathconf 513
    /* 514 is obsolete cap_new */
#define TARGET_FREEBSD_NR___cap_rights_get 515
#define TARGET_FREEBSD_NR_cap_enter 516
#define TARGET_FREEBSD_NR_cap_getmode 517
#define TARGET_FREEBSD_NR_pfork 518
#define TARGET_FREEBSD_NR_pkill 519
#define TARGET_FREEBSD_NR_pdgetpid 520
#define TARGET_FREEBSD_NR_pselect 522
#define TARGET_FREEBSD_NR_getloginclass 523
#define TARGET_FREEBSD_NR_setloginclass 524
#define TARGET_FREEBSD_NR_rctl_get_racct 525
#define TARGET_FREEBSD_NR_rctl_get_rules 526
#define TARGET_FREEBSD_NR_rctl_get_limits
    527
#define TARGET_FREEBSD_NR_rctl_add_rule 528
#define TARGET_FREEBSD_NR_rctl_remove_rule 529
#define TARGET_FREEBSD_NR_posix_fallocate 530
#define TARGET_FREEBSD_NR_posix_fadvise 531
#define TARGET_FREEBSD_NR_wait6 532
#define TARGET_FREEBSD_NR_cap_rights_limit 533
#define TARGET_FREEBSD_NR_cap_ioctls_limit 534
#define TARGET_FREEBSD_NR_cap_ioctls_get 535
#define TARGET_FREEBSD_NR_cap_fcntls_limit 536
#define TARGET_FREEBSD_NR_cap_fcntls_get 537
#define TARGET_FREEBSD_NR_bindat 538
#define TARGET_FREEBSD_NR_connectat 539
#define TARGET_FREEBSD_NR_chflagsat 540
#define TARGET_FREEBSD_NR_accept4 541
#define TARGET_FREEBSD_NR_pipe2 542
#define TARGET_FREEBSD_NR_aio_mlock 543
#define TARGET_FREEBSD_NR_procctl 544
#define TARGET_FREEBSD_NR_ppoll 545
#define TARGET_FREEBSD_NR_futimens 546
#define TARGET_FREEBSD_NR_utimensat 547
    /* 548 is obsolete numa_getaffinity
    */
    /* 549 is obsolete numa_setaffinity */
#define TARGET_FREEBSD_NR_fdatasync 550
#define TARGET_FREEBSD_NR_fstat 551
#define TARGET_FREEBSD_NR_fstatat 552
#define TARGET_FREEBSD_NR_fhstat 553
#define TARGET_FREEBSD_NR_getdirentries 554
#define TARGET_FREEBSD_NR_statfs 555

```



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#define TARGET_FREEBSD_NR_fstatfs    556
#define TARGET_FREEBSD_NR_getfsstat  557
#define TARGET_FREEBSD_NR_fhstatfs   558
#define TARGET_FREEBSD_NR_mknodat    559
#define TARGET_FREEBSD_NR_kevent     560
#define TARGET_FREEBSD_NR_cpuset_getdomain  561
#define TARGET_FREEBSD_NR_cpuset_setdomain  562
#define TARGET_FREEBSD_NR_getrandom  563
#define TARGET_FREEBSD_NR_getfhathat  564
#define TARGET_FREEBSD_NR_fhlink      565
#define TARGET_FREEBSD_NR_fhlinkat    566
#define TARGET_FREEBSD_NR_fhreadlink  567
#define TARGET_FREEBSD_NR_funlinkat   568
#define TARGET_FREEBSD_NR_copy_file_range  569
#define TARGET_FREEBSD_NR___sysctlbyname
    570
#define TARGET_FREEBSD_NR_shm_open2   571
#define TARGET_FREEBSD_NR_shm_rename  572
#define TARGET_FREEBSD_NR_sigfastblock 573
#define TARGET_FREEBSD_NR___realpathat 574
#define TARGET_FREEBSD_NR_close_range 575
#define TARGET_FREEBSD_NR_rpcctl_syscall 576
#define TARGET_FREEBSD_NR_MAXSYSCALL 577

```

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=====

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Key Dates

* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0 to Version 1.1 to cover open source documentation associated with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a backwards compatible extension that adds support for document files in both source form and compiled form.

References:

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Proposals (RFCs):

<https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html>

TianoCore Bugzilla:

https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

Replace BSD 2-Clause License with BSD + Patent License removing the need for the TianoCore Contribution Agreement.

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<https://lists.01.org/pipermail/edk2-devel/2019-February/036260.html>

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=====
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=====

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1. Create a change description in the format specified below to use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version.
For example: Contributed-under: TianoCore Contribution Agreement 1.1
The "TianoCore Contribution Agreement" is included below in this document.
4. Submit your code to the TianoCore project using the process that the project documents on its web page. If the process is not documented, then submit the code on development email list for the project.
5. It is preferred that contributions are submitted using the same copyright license as the base project. When

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=====
= Change Description / Commit Message / Patch Email =
=====

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

== Sample Change Description / Commit Message ==

==== Start of sample patch email message ====

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch PATCH] Module: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

==== End of sample patch email message ====

==== Notes for sample patch email ====

- * The first line of commit message is taken from the email's subject line following [Repository/Branch PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
- * git format-patch is one way to create this format

==== Definitions
for sample patch email ====

- * "Repository" is the identifier of the repository the patch applies.

This identifier should only be provided for repositories other than 'edk2'. For example 'edk2-BuildSpecification' or 'staging'.

- * "Branch" is the identifier of the branch the patch applies. This identifier should only be provided for branches other than 'edk2/master'. For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or 'staging/edk2-test'.
- * "Module" is a short identifier for the affected code or documentation. For example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or 'EDK II INF File Format'.
- * "Brief-single-line-summary" is a short summary of the change.
- * The entire first line should be less than ~70 characters.
- * "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
- * "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
- * "Signed-off-by" is the contributor's signature identifying them by their real/legal name and their email address.

=====
= TianoCore Contribution Agreement 1.1 =
=====

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* Language. This Agreement is in the English language only, which language shall be controlling in all respects, and all versions of this Agreement in any other language shall be for accommodation only and shall not be binding. All communications and notices made or given pursuant to this Agreement, and all documentation and support to be provided, unless otherwise noted, shall be in the English language.

Contributions.txt: TianoCore Contribution Agreement 1.0

=====
= Code Contributions =
=====

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1. Create a change description in the format specified below to use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under"

message.

3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version. For example: Contributed-under: TianoCore Contribution Agreement 1.0
The "TianoCore Contribution Agreement" is included below in this document.

4. Submit your code to the TianoCore project using the process that the project documents on its web page. If the process is not documented, then submit the code on development email list for the project.

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- * Zlib: <http://opensource.org/licenses/Zlib>

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Contributions using other licenses might be accepted, but further review will be required.

```
=====
= Change Description / Commit Message / Patch Email =
=====
```

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

```
== Sample Change Description / Commit Message ==
```

```
=== Start of sample patch email message ===
```

```
From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary
```

```
Full-commit-message
```

```
Contributed-under:
TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>
---
```

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

```
=== End of sample patch email message ===
```

```
=== Notes for sample patch email ===
```

* The first line of commit message is taken from the email's subject line following [PATCH]. The remaining portion of the commit message is the email's content until the '---' line.

* git format-patch is one way to create this format

==== Definitions for sample patch email ====

- * "CodeModule" is a short identifier for the affected code. For example MdePkg, or MdeModulePkg UsbBusDxe.
 - * "Brief-single-line-summary" is a short summary of the change.
 - * The entire first line should be less than ~70 characters.
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=====

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/*

* x86_64 thread support

*

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*/

#ifndef _TARGET_ARCH_THREAD_H_

#define _TARGET_ARCH_THREAD_H_

/* Compare to vm_machdep.c cpu_set_upcall_kse() */

static inline void target_thread_set_upcall(CPUX86State *regs, abi_ulong entry,
abi_ulong arg, abi_ulong stack_base, abi_ulong stack_size)

{

/* XXX

*/

}

static inline void target_thread_init(struct target_pt_regs *regs,
struct image_info *infop)

{

regs->rax = 0;

regs->rsp = infop->start_stack;

```

regs->rip = infop->entry;
if (bsd_type == target_freebsd) {
    regs->rdi = infop->start_stack;
}
}

```

```
#endif /* !_TARGET_ARCH_THREAD_H_ */
```

```
==> edk2/License.txt <==
```

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License-History.txt

=====

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changes.

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contributions. This file serves that preservation purpose as a matter of
documenting the history of the project.

Key Dates

* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0
to Version 1.1 to cover open source documentation associated
with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a
backwards compatible extension that adds support for document
files in both source form and compiled form.

References:

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Proposals (RFCs):

<https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html>

TianoCore Bugzilla:

https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

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Proposals (RFCs):

<https://lists.01.org/pipermail/edk2-devel/2019-February/036260.html>

<https://lists.01.org/pipermail/edk2-devel/2019-March/037500.html>

TianoCore Bugzilla:

https://bugzilla.tianocore.org/show_bug.cgi?id=1373

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Contributions.txt: TianoCore Contribution Agreement 1.1

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3. Your "Contributed-under" message

explicitly states that the

contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version.

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= Change Description / Commit Message / Patch Email =

=====

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch
PATCH] Module: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

- * The first line of commit message is taken from the email's subject line following [Repository/Branch PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
- * git format-patch is one way to create this format

=== Definitions for sample patch email ===

- * "Repository" is the identifier of the repository the patch applies. This identifier should only be provided for repositories other than 'edk2'. For example 'edk2-BuildSpecification' or 'staging'.
- * "Branch" is the identifier of the branch the patch applies. This identifier should only be provided for branches other than 'edk2/master'. For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or 'staging/edk2-test'.
- * "Module" is a short identifier for the affected code or documentation. For example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or 'EDK II INF File Format'.

- * "Brief-single-line-summary" is a short summary of the change.
- * The entire first line should be less than ~70 characters.
- * "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
- * "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
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```
=====
= TianoCore Contribution Agreement 1.1 =
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Contributions.txt: TianoCore Contribution Agreement 1.0

=====
= Code Contributions =
=====

To make a contribution to a TianoCore project, follow these steps.

1. Create a change description in the format specified below to use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution

agreement and version.

For example: Contributed-under: TianoCore Contribution Agreement 1.0

The "TianoCore Contribution Agreement" is included below in this document.

4. Submit your code to the TianoCore project using the process that the project documents on its web page. If the process is not documented, then submit the code on development email list for the project.
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=====
= Change Description / Commit Message / Patch Email =
=====

Your change description should use the standard format for a
commit message, and must include your "Signed-off-by" signature
and the "Contributed-under" message.

== Sample Change Description / Commit Message =

==== Start of sample patch email message ====

From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>

An extra message for the patch email which will not be considered part
of the commit message can be added here.

Patch content inline or
attached

==== End of sample patch email message ====

==== Notes for sample patch email ====

* The first line of commit message is taken from the email's subject
line following [PATCH]. The remaining portion of the commit message
is the email's content until the '---' line.

* git format-patch is one way to create this format

==== Definitions for sample patch email ====

* "CodeModule" is a short identifier for the affected code. For
example MdePkg, or MdeModulePkg UsbBusDxe.

- * "Brief-single-line-summary" is a short summary of the change.
- * The entire first line should be less than ~70 characters.
- * "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
- * "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
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John R. Hauser
2018 January 20

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* arm sysarch() system call emulation
*
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*/

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"

```



```

#include "target_arch.h"

static inline abi_long do_freebsd_arch_sysarch(CPUARMState *env, int op,
        abi_ulong parms)
{
    int ret = 0;

    switch (op)
    {
        case TARGET_FREEBSD_ARM_SYNC_ICACHE:
        case TARGET_FREEBSD_ARM_DRAIN_WRITEBUF:
            break;

        case TARGET_FREEBSD_ARM_SET_TP:
            target_cpu_set_tls(env, parms);
            break;

        case TARGET_FREEBSD_ARM_GET_TP:
            ret = target_cpu_get_tls(env);
            break;

        default:
            ret = -TARGET_EINVAL;
            break;
    }
    return ret;
}

static inline void do_freebsd_arch_print_sysarch(
    const struct syscallname *name, abi_long arg1, abi_long arg2,
    abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{
    switch (arg1) {
        case TARGET_FREEBSD_ARM_SYNC_ICACHE:
            gemu_log("%s(ARM_SYNC_ICACHE, ...)", name->name);
            break;

        case TARGET_FREEBSD_ARM_DRAIN_WRITEBUF:
            gemu_log("%s(ARM_DRAIN_WRITEBUF, ...)", name->name);
            break;

        case TARGET_FREEBSD_ARM_SET_TP:
            gemu_log("%s(ARM_SET_TP, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
            break;

        case TARGET_FREEBSD_ARM_GET_TP:
            gemu_log("%s(ARM_GET_TP,

```

```

0x" TARGET_ABI_FMT_lx ") ", name->name, arg2);
    break;

default:
    gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ") ", (int)arg1, arg2);
}
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_ */
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 * FreeBSD i386 register structures
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 */

#ifndef _TARGET_ARCH_REG_H_
#define _TARGET_ARCH_REG_H_

/* See sys/i386/include/reg.h */
typedef struct target_reg {
    uint32_t    r_fs;
    uint32_t    r_es;
    uint32_t    r_ds;
    uint32_t    r_edi;
    uint32_t
        r_esi;
    uint32_t    r_ebp;
    uint32_t    r_isp;
    uint32_t    r_ebx;
    uint32_t    r_edx;
    uint32_t    r_ecx;
    uint32_t    r_eax;
    uint32_t    r_trapno;
    uint32_t    r_err;

```

```

uint32_t    r_eip;
uint32_t    r_cs;
uint32_t    r_eflags;
uint32_t    r_esp;
uint32_t    r_ss;
uint32_t    r_gs;
} target_reg_t;

typedef struct target_fpreg {
    uint32_t    fpr_env[7];
    uint8_t     fpr_acc[8][10];
    uint32_t    fpr_ex_sw;
    uint8_t     fpr_pad[64];
} target_fpreg_t;

static inline void target_copy_regs(target_reg_t *regs, const CPUX86State *env)
{

    regs->r_fs = env->segs[R_FS].selector & 0xffff;
    regs->r_es = env->segs[R_ES].selector & 0xffff;
    regs->r_ds = env->segs[R_DS].selector & 0xffff;

    regs->r_ei = env->regs[R_EI];
    regs->r_ei = env->regs[R_EI];
    regs->r_ebp = env->regs[R_EBP];
    /* regs->r_isp = env->regs[R_ISP]; XXX */
    regs->r_ebx
= env->regs[R_EBX];
    regs->r_edx = env->regs[R_EDX];
    regs->r_ecx = env->regs[R_ECX];
    regs->r_eax = env->regs[R_EAX];
    /* regs->r_trapno = env->regs[R_TRAPNO]; XXX */
    regs->r_err = env->error_code; /* XXX ? */
    regs->r_eip = env->eip;

    regs->r_cs = env->segs[R_CS].selector & 0xffff;

    regs->r_eflags = env->eflags;
    regs->r_esp = env->regs[R_ESP];

    regs->r_ss = env->segs[R_SS].selector & 0xffff;
    regs->r_gs = env->segs[R_GS].selector & 0xffff;
}

#endif /* !_TARGET_ARCH_REG_H_ */
/*
 * x86_64 ELF definitions
 */

```

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 */

```
#ifndef _TARGET_ARCH_ELF_H_
#define _TARGET_ARCH_ELF_H_
```

```
#define ELF_START_MMAP 0x2aaaaab000ULL
#define ELF_ET_DYN_LOAD_ADDR 0x01021000
#define elf_check_arch(x) (((x) == ELF_ARCH))
```

```
#define ELF_HWCAP 0 /* FreeBSD doesn't do AT_HWCAP{,2} on x86 */
```

```
#define ELF_CLASS
    ELFCLASS64
#define ELF_DATA    ELFDATA2LSB
#define ELF_ARCH    EM_X86_64
```

```
#define USE_ELF_CORE_DUMP
#define ELF_EXEC_PAGESIZE 4096
```

```
#endif /* _TARGET_ARCH_ELF_H_ */
```

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```
project('bar', 'c', license: 'Apache-2.0')
```

```
executable('bar', 'bar.c')
```

```
license = meson.project_license()[0]
if license != 'Apache-2.0'
    error("The license should be Apache-2.0, but it is: " + license)
endif
```

```

/*
 * FreeBSD setup_initial_stack() implementation.
 *
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 *
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 */

#ifndef _TARGET_OS_STACK_H_
#define _TARGET_OS_STACK_H_

#include <sys/param.h>
#include "target_arch_sigtramp.h"
#include "qemu/guest-random.h"

/*
 * The initial FreeBSD stack is as follows:
 * (see kern/kern_exec.c exec_copyout_strings() )
 *
 * Hi Address -> char **ps_argvstr (struct ps_strings for ps, w, etc.)
 *             unsigned ps_nargvstr
 *             char **ps_envstr
 * PS_STRINGS -> unsigned ps_nenvstr
 *
 *             machine dependent sigcode (sv_sigcode of size
 *             sv_szsigcode)
 *
 *             execpath      (absolute image path for rtld)
 *
 *             SSP Canary    (sizeof(long) * 8)
 *
 *             page sizes array (usually sizeof(u_long) )
 *
 * "destp" ->  argv, env strings (up to 262144 bytes)
 */

static inline int setup_initial_stack(struct bsd_binprm *bprm,
                                     abi_ulong *ret_addr, abi_ulong *stringp)

```

```

{
    int i;
    abi_ulong stack_hi_addr;
    size_t execpath_len, stringspace;
    abi_ulong destp, argvp, envp, p;
    struct target_ps_strings ps_strs;
    char canary[sizeof(abi_long) * 8];

    stack_hi_addr = p = target_stkbas + target_stksiz;

    /* Save some space for ps_strings. */
    p -= sizeof(struct target_ps_strings);

    /* Add machine dependent sigcode. */
    p -= TARGET_SZSIGCODE;
    if (setup_sigtramp(p, (unsigned)offsetof(struct target_sigframe, sf_uc),
        TARGET_FREEBSD_NR_sigreturn)) {
        errno = EFAULT;
        return -1;
    }
    if (bprm->fullpath) {
        execpath_len = strlen(bprm->fullpath) + 1;
        p -= roundup(execpath_len, sizeof(abi_ulong));
        if (memcpy_to_target(p, bprm->fullpath, execpath_len)) {
            errno = EFAULT;
            return -1;
        }
    }
    /* Add canary for SSP. */
    qemu_guest_getrandom_nofail(canary, sizeof(canary));
    p -= roundup(sizeof(canary), sizeof(abi_ulong));
    if (memcpy_to_target(p, canary, sizeof(canary))) {
        errno = EFAULT;
        return -1;
    }
    /* Add page sizes array. */
    p -= sizeof(abi_ulong);
    if (put_user_ual(TARGET_PAGE_SIZE, p)) {
        errno = EFAULT;
        return -1;
    }
    /*
     * Deviate from FreeBSD stack layout: force stack to new page here
     *
     * so that signal trampoline is not sharing the page with user stack
     * frames. This is actively harmful in qemu as it marks pages with
     * code it translated as read-only, which is somewhat problematic
     * for user trying to use the stack as intended.

```

```

*/
p = rounddown(p, TARGET_PAGE_SIZE);

/* Calculate the string space needed */
stringspace = 0;
for (i = 0; i < bprm->argc; ++i) {
    stringspace += strlen(bprm->argv[i]) + 1;
}
for (i = 0; i < bprm->envc; ++i) {
    stringspace += strlen(bprm->envp[i]) + 1;
}
if (stringspace > TARGET_ARG_MAX) {
    errno = ENOMEM;
    return -1;
}
/* Make room for the argv and envp strings */
destp = rounddown(p - stringspace, sizeof(abi_ulong));
p = argvp = destp - (bprm->argc + bprm->envc + 2) * sizeof(abi_ulong);
/* Remember the strings pointer */
if (stringp) {
    *stringp = destp;
}
/*
 * Add argv strings. Note that the argv[] vectors are added
by
 * loader_build_argptr()
 */
/* XXX need to make room for auxargs */
ps_strs.ps_argvstr = tswapl(argvp);
ps_strs.ps_nargvstr = tswap32(bprm->argc);
for (i = 0; i < bprm->argc; ++i) {
    size_t len = strlen(bprm->argv[i]) + 1;

    if (memcpy_to_target(destp, bprm->argv[i], len)) {
        errno = EFAULT;
        return -1;
    }
    if (put_user_ual(destp, argvp)) {
        errno = EFAULT;
        return -1;
    }
    argvp += sizeof(abi_ulong);
    destp += len;
}
if (put_user_ual(0, argvp)) {
    errno = EFAULT;
    return -1;
}

```



```

/*
 * Add env strings. Note that the envp[] vectors are added by
 * loader_build_argptr().
 */
envp = argvp + sizeof(abi_ulong);
ps_strs.ps_envstr = tswapl(envp);
ps_strs.ps_nenvstr = tswap32(bprm->envc);
for (i = 0; i < bprm->envc; ++i) {
    size_t len = strlen(bprm->envp[i]) + 1;

    if (memcpy_to_target(destp, bprm->envp[i],
len)) {
        errno = EFAULT;
        return -1;
    }
    if (put_user_ual(destp, envp)) {
        errno = EFAULT;
        return -1;
    }
    envp += sizeof(abi_ulong);
    destp += len;
}
if (put_user_ual(0, envp)) {
    errno = EFAULT;
    return -1;
}
if (memcpy_to_target(stack_hi_addr - sizeof(ps_strs), &ps_strs,
sizeof(ps_strs))) {
    errno = EFAULT;
    return -1;
}

if (ret_addr) {
    *ret_addr = p;
}

return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */
bsd_user_ss.add(files(
'os-sys.c',
))
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```

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/*

* mips system call definitions

*

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*/

#ifndef _MIPS_SYSCALL_H_

#define _MIPS_SYSCALL_H_

/*

* struct target_pt_regs defines the way the registers are stored on the stack

* during a system call.

*/

struct target_pt_regs {

/* Saved main processor registers. */

abi_ulong regs[32];

/* Saved special registers. */

abi_ulong

```

cp0_status;
abi_ulong lo;
abi_ulong hi;
abi_ulong cp0_badvaddr;
abi_ulong cp0_cause;
abi_ulong cp0_epc;
};

#if defined(TARGET_WORDS_BIGENDIAN)
#define UNAME_MACHINE "mips"
#else
#define UNAME_MACHINE "mipsel"
#endif

#define TARGET_HW_MACHINE    "mips"
#define TARGET_HW_MACHINE_ARCH UNAME_MACHINE

/* sysarch() commands */
#define TARGET_MIPS_SET_TLS    1
#define TARGET_MIPS_GET_TLS    2

#endif /* !_MIPS_SYSCALL_H_ */

```

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*/
#ifndef _TARGET_ARCH_VMPARAM_H_
#define _TARGET_ARCH_VMPARAM_H_

#include "cpu.h"

/* compare to amd64/include/vmparam.h */
#define TARGET_MAXTSIZ (128 * MiB) /* max text size */
#define TARGET_DFLDSIZ (32 * GiB) /* initial data
size limit */
#define TARGET_MAXDSIZ (32 * GiB) /* max data size */
#define TARGET_DFLSSIZ (8 * MiB) /* initial stack size limit */
#define TARGET_MAXSSIZ (512 * MiB) /* max stack size */
#define TARGET_SGROWSIZ (128 * KiB) /* amount to grow stack */

#define TARGET_VM_MAXUSER_ADDRESS (0x00007ffff000000UL)

#define TARGET_USRSTACK (TARGET_VM_MAXUSER_ADDRESS - TARGET_PAGE_SIZE)

static inline abi_ulong get_sp_from_cpustate(CPUX86State *state)
{
    return state->regs[R_ESP];
}

static inline void set_second_rval(CPUX86State *state, abi_ulong retval2)

```

```
{
state->regs[R_EDX] = retval2;
}
```

```
#endif /* !_TARGET_ARCH_VMPARAM_H_ */
```

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```
/*
```

```
* qemu bsd user mode definition
```

```
*
```


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- */

```
#ifndef QEMU_H
```

```
#define QEMU_H
```

```
#include "qemu/osdep.h"
```

```
#include "cpu.h"
```

```
#include "qemu/units.h"
```

```
#include "exec/cpu_ldst.h"
```

```
#include "exec/exec-all.h"
```

```
#undef DEBUG_REMAP
```

```
#include "exec/user/abitypes.h"
```

```
extern char **environ;
```

```
enum BSDType {
```

```
    target_freebsd,
```

```
    target_netbsd,
```

```
    target_openbsd,
```

```
};
```

```
extern
```

```
enum BSDType bsd_type;
```

```
#include "exec/user/thunk.h"
```

```
#include "target_arch.h"
```

```
#include "syscall_defs.h"
```

```
#include "target_syscall.h"
```

```
#include "target_os_vmparam.h"
```

```
#include "target_os_signal.h"
```

```
#include "exec/gdbstub.h"
```

```
/*
```

- * This struct is used to hold certain information about the image. Basically,

- * it replicates in user space what would be certain task_struct fields in the

- * kernel

```

*/
struct image_info {
    abi_ulong load_bias;
    abi_ulong load_addr;
    abi_ulong start_code;
    abi_ulong end_code;
    abi_ulong start_data;
    abi_ulong end_data;
    abi_ulong start_brk;
    abi_ulong brk;
    abi_ulong start_mmap;
    abi_ulong mmap;
    abi_ulong rss;
    abi_ulong start_stack;
    abi_ulong entry;
    abi_ulong code_offset;
    abi_ulong data_offset;
    abi_ulong arg_start;
    abi_ulong arg_end;
    uint32_t elf_flags;
};

#define MAX_SIGQUEUE_SIZE 1024

struct qemu_sigqueue {
    struct qemu_sigqueue *next;
    target_siginfo_t info;
};

struct emulated_sigtable
{
    int pending; /* true if signal is pending */
    struct qemu_sigqueue *first;
    struct qemu_sigqueue info; /* Put first signal info here */
};

/*
* NOTE: we force a big alignment so that the stack stored after is aligned too
*/
typedef struct TaskState {
    pid_t ts_tid; /* tid (or pid) of this task */

    struct TaskState *next;
    struct bsd_binprm *bprm;
    struct image_info *info;

    struct emulated_sigtable sigtab[TARGET_NSIG];
    struct qemu_sigqueue sigqueue_table[MAX_SIGQUEUE_SIZE]; /* siginfo queue */

```

```

struct qemu_sigqueue *first_free; /* first free siginfo queue entry */
int signal_pending; /* non zero if a signal may be pending */

uint8_t stack[];
} __attribute__((aligned(16))) TaskState;

void init_task_state(TaskState *ts);
void stop_all_tasks(void);
extern const char *qemu_underscore_release;

/*
 * TARGET_ARG_MAX defines the number of bytes allocated for arguments
 * and envelope for the new program. 256k should suffice for a reasonable
 * maximum env+arg in 32-bit environments, bump it up to 512k for ILP32
 * platforms.
 */
#if TARGET_ABI_BITS > 32
#define TARGET_ARG_MAX (512 * KiB)
#else
#define TARGET_ARG_MAX (256 * KiB)
#endif
#define MAX_ARG_PAGES (TARGET_ARG_MAX / TARGET_PAGE_SIZE)

/*
 * This structure is used to hold the arguments that are
 * used when loading binaries.
 */
struct bsd_binprm {
    char buf[128];
    void *page[MAX_ARG_PAGES];
    abi_ulong p;
    abi_ulong stringp;
    int fd;
    int e_uid, e_gid;
    int argc, envc;
    char **argv;
    char **envp;
    char *filename; /* (Given) Name of binary */
    char *fullpath; /* Full path of binary */
    int (*core_dump)(int, CPUArchState *);
};

void do_init_thread(struct target_pt_regs *regs, struct image_info *infop);
abi_ulong loader_build_argptr(int envc, int argc, abi_ulong sp,
                              abi_ulong stringp);
int loader_exec(const char *filename, char **argv,
               char **envp,
               struct target_pt_regs *regs, struct image_info *infop,

```

```

    struct bsd_binprm *bprm);

int load_elf_binary(struct bsd_binprm *bprm, struct target_pt_regs *regs,
    struct image_info *info);
int load_flt_binary(struct bsd_binprm *bprm, struct target_pt_regs *regs,
    struct image_info *info);
int is_target_elf_binary(int fd);

abi_long memcpy_to_target(abi_ulong dest, const void *src,
    unsigned long len);
void target_set_brk(abi_ulong new_brk);
abi_long do_brk(abi_ulong new_brk);
void syscall_init(void);
abi_long do_freebsd_syscall(void *cpu_env, int num, abi_long arg1,
    abi_long arg2, abi_long arg3, abi_long arg4,
    abi_long arg5, abi_long arg6, abi_long arg7,
    abi_long arg8);
abi_long do_netbsd_syscall(void *cpu_env, int num, abi_long arg1,
    abi_long arg2, abi_long arg3, abi_long arg4,
    abi_long arg5, abi_long arg6);
abi_long do_openbsd_syscall(void *cpu_env, int num, abi_long arg1,
    abi_long arg2, abi_long arg3, abi_long arg4,
    abi_long arg5, abi_long arg6);
void gemu_log(const char *fmt, ...) GCC_FMT_ATTR(1, 2);
extern __thread CPUState *thread_cpu;
void cpu_loop(CPUArchState *env);
char *target_strerror(int err);
int get_osversion(void);
void fork_start(void);
void fork_end(int child);

#include "qemu/log.h"

/* strace.c */
struct syscallname {
    int nr;
    const char *name;
    const char *format;
    void (*call)(const struct syscallname *,
        abi_long, abi_long, abi_long,
        abi_long, abi_long, abi_long);
    void (*result)(const struct syscallname *, abi_long);
};

void
print_freebsd_syscall(int num,
    abi_long arg1, abi_long arg2, abi_long arg3,
    abi_long arg4, abi_long arg5, abi_long arg6);

```

```

void print_freebsd_syscall_ret(int
    num, abi_long ret);
void
print_netbsd_syscall(int num,
    abi_long arg1, abi_long arg2, abi_long arg3,
    abi_long arg4, abi_long arg5, abi_long arg6);
void print_netbsd_syscall_ret(int num, abi_long ret);
void
print_openbsd_syscall(int num,
    abi_long arg1, abi_long arg2, abi_long arg3,
    abi_long arg4, abi_long arg5, abi_long arg6);
void print_openbsd_syscall_ret(int num, abi_long ret);
extern int do_trace;

/* signal.c */
void process_pending_signals(CPUArchState *cpu_env);
void signal_init(void);
long do_sigreturn(CPUArchState *env);
long do_rt_sigreturn(CPUArchState *env);
void queue_signal(CPUArchState *env, int sig, target_siginfo_t *info);
abi_long do_sigaltstack(abi_ulong uoss_addr, abi_ulong uoss_addr, abi_ulong sp);

/* mmap.c */
int target_mprotect(abi_ulong start, abi_ulong len, int prot);
abi_long target_mmap(abi_ulong start, abi_ulong len, int prot,
    int
    flags, int fd, off_t offset);
int target_munmap(abi_ulong start, abi_ulong len);
abi_long target_mremap(abi_ulong old_addr, abi_ulong old_size,
    abi_ulong new_size, unsigned long flags,
    abi_ulong new_addr);
int target_msync(abi_ulong start, abi_ulong len, int flags);
extern unsigned long last_brk;
extern abi_ulong mmap_next_start;
abi_ulong mmap_find_vma(abi_ulong start, abi_ulong size);
void mmap_fork_start(void);
void mmap_fork_end(int child);

/* main.c */
extern char qemu_proc_pathname[];
extern unsigned long target_maxtsiz;
extern unsigned long target_dfldsiz;
extern unsigned long target_maxdsiz;
extern unsigned long target_dflssiz;
extern unsigned long target_maxssiz;
extern unsigned long target_sgrowsiz;

/* syscall.c */

```

```

abi_long get_errno(abi_long ret);
bool is_error(abi_long ret);

/* os-sys.c */
abi_long do_freebsd_sysarch(void *cpu_env, abi_long arg1, abi_long arg2);

/* user access */

#define VERIFY_READ PAGE_READ
#define VERIFY_WRITE
(PAGE_READ | PAGE_WRITE)

static inline bool access_ok(int type, abi_ulong addr, abi_ulong size)
{
    return page_check_range((target_ulong)addr, size, type) == 0;
}

/*
 * NOTE __get_user and __put_user use host pointers and don't check access.
 *
 * These are usually used to access struct data members once the struct has been
 * locked - usually with lock_user_struct().
 */
#define __put_user(x, hptr)\
({\
    int size = sizeof(*hptr);\
    switch (size) {\
    case 1:\
        *(uint8_t *) (hptr) = (uint8_t)(typeof(*hptr))(x);\
        break;\
    case 2:\
        *(uint16_t *) (hptr) = tswap16((typeof(*hptr))(x));\
        break;\
    case 4:\
        *(uint32_t *) (hptr) = tswap32((typeof(*hptr))(x));\
        break;\
    case 8:\
        *(uint64_t *) (hptr) = tswap64((typeof(*hptr))(x));\
        break;\
    default:\
        abort();\
    } \
    0;\
})

#define __get_user(x, hptr) \
({\
    int size = sizeof(*hptr);\

```

```

switch (size) {\
case 1:\
    x = (typeof(*hptr))*(uint8_t
*)(hptr);\
    break;\
case 2:\
    x = (typeof(*hptr))tswap16(*(uint16_t*)(hptr));\
    break;\
case 4:\
    x = (typeof(*hptr))tswap32(*(uint32_t*)(hptr));\
    break;\
case 8:\
    x = (typeof(*hptr))tswap64(*(uint64_t*)(hptr));\
    break;\
default:\
    x = 0;\
    abort();\
} \
0;\
})

/*
 * put_user()/get_user() take a guest address and check access
 *
 * These are usually used to access an atomic data type, such as an int, that
 * has been passed by address. These internally perform locking and unlocking
 * on the data type.
 */
#define put_user(x, gaddr, target_type) \
({ \
    abi_ulong __gaddr = (gaddr); \
    target_type *__hptr; \
    abi_long __ret; \
    __hptr \
= lock_user(VERIFY_WRITE, __gaddr, sizeof(target_type), 0); \
    if (__hptr) { \
        __ret = __put_user((x), __hptr); \
        unlock_user(__hptr, __gaddr, sizeof(target_type)); \
    } else \
        __ret = -TARGET_EFAULT; \
    __ret; \
})

#define get_user(x, gaddr, target_type) \
({ \
    abi_ulong __gaddr = (gaddr); \
    target_type *__hptr; \
    abi_long __ret; \

```

```

__hptr = lock_user(VERIFY_READ, __gaddr, sizeof(target_type), 1); \
if (__hptr) {
    \
    __ret = __get_user((x), __hptr); \
    unlock_user(__hptr, __gaddr, 0); \
} else { \
    (x) = 0; \
    __ret = -TARGET_EFAULT; \
} \
__ret; \
})

```

```

#define put_user_ual(x, gaddr) put_user((x), (gaddr), abi_ulong)
#define put_user_sal(x, gaddr) put_user((x), (gaddr), abi_long)
#define put_user_u64(x, gaddr) put_user((x), (gaddr), uint64_t)
#define put_user_s64(x, gaddr) put_user((x), (gaddr), int64_t)
#define put_user_u32(x, gaddr) put_user((x), (gaddr), uint32_t)
#define put_user_s32(x, gaddr) put_user((x), (gaddr), int32_t)
#define put_user_u16(x, gaddr) put_user((x), (gaddr), uint16_t)
#define
put_user_s16(x, gaddr) put_user((x), (gaddr), int16_t)
#define put_user_u8(x, gaddr) put_user((x), (gaddr), uint8_t)
#define put_user_s8(x, gaddr) put_user((x), (gaddr), int8_t)

```

```

#define get_user_ual(x, gaddr) get_user((x), (gaddr), abi_ulong)
#define get_user_sal(x, gaddr) get_user((x), (gaddr), abi_long)
#define get_user_u64(x, gaddr) get_user((x), (gaddr), uint64_t)
#define get_user_s64(x, gaddr) get_user((x), (gaddr), int64_t)
#define get_user_u32(x, gaddr) get_user((x), (gaddr), uint32_t)
#define get_user_s32(x, gaddr) get_user((x), (gaddr), int32_t)
#define get_user_u16(x, gaddr) get_user((x), (gaddr), uint16_t)
#define get_user_s16(x, gaddr) get_user((x), (gaddr), int16_t)
#define get_user_u8(x, gaddr) get_user((x), (gaddr), uint8_t)
#define get_user_s8(x, gaddr) get_user((x), (gaddr), int8_t)

```

```

/*
 * copy_from_user() and copy_to_user() are usually used to copy data
 * buffers between the target and host. These internally perform
 * locking/unlocking of the memory.
 */

```

```

abi_long copy_from_user(void *hptr, abi_ulong gaddr, size_t len);
abi_long copy_to_user(abi_ulong gaddr, void *hptr, size_t len);

```

```

/*
 * Functions for accessing guest memory. The tget and tput functions
 * read/write single values, byteswapping as necessary. The lock_user function
 * gets a pointer to a contiguous area of guest memory, but does not perform
 * any byteswapping. lock_user may return either a pointer to the guest

```



```

* memory, or a temporary buffer.
*/

/*
* Lock an area of guest memory into the host. If copy is true then the
* host area will have the same contents as the guest.
*/
static inline void *lock_user(int type, abi_ulong guest_addr, long len,
                              int copy)
{
    if (!access_ok(type, guest_addr, len)) {
        return NULL;
    }
#ifdef DEBUG_REMAP
    {
        void *addr;
        addr = g_malloc(len);
        if (copy) {
            memcpy(addr, g2h_untagged(guest_addr), len);
        } else {
            memset(addr, 0, len);
        }
        return addr;
    }
#else
    return g2h_untagged(guest_addr);
#endif
}

/*
* Unlock an area of guest memory. The first LEN bytes must be flushed back to
* guest memory. host_ptr = NULL is explicitly allowed and does nothing.
*/
static inline void unlock_user(void *host_ptr, abi_ulong guest_addr,
                               long len)
{
#ifdef DEBUG_REMAP
    if (!host_ptr) {
        return;
    }
    if (host_ptr == g2h_untagged(guest_addr)) {
        return;
    }
    if (len > 0) {
        memcpy(g2h_untagged(guest_addr), host_ptr, len);
    }
    g_free(host_ptr);
#endif
}

```

```

#endif
}

/*
 * Return the length of a string in target memory or -TARGET_EFAULT if access
 * error.
 */
abi_long target_strlen(abi_ulong gaddr);

/* Like lock_user but for null terminated strings. */
static inline void *lock_user_string(abi_ulong guest_addr)
{
    abi_long len;
    len = target_strlen(guest_addr);
    if (len < 0) {
        return NULL;
    }
    return lock_user(VERIFY_READ, guest_addr,
        (long)(len + 1), 1);
}

/* Helper macros for locking/unlocking a target struct. */
#define lock_user_struct(type, host_ptr, guest_addr, copy) \
    (host_ptr = lock_user(type, guest_addr, sizeof(*host_ptr), copy))
#define unlock_user_struct(host_ptr, guest_addr, copy) \
    unlock_user(host_ptr, guest_addr, (copy) ? sizeof(*host_ptr) : 0)

#include <pthread.h>

#endif /* QEMU_H */

/*
 * i386 ELF definitions
 */
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 * along with this program; if not, see <http://www.gnu.org/licenses/>.
 */

```

```

#ifndef _TARGET_ARCH_ELF_H_
#define _TARGET_ARCH_ELF_H_

#define ELF_START_MMAP 0x80000000
#define ELF_ET_DYN_LOAD_ADDR 0x01001000
#define elf_check_arch(x) (((x) == EM_386) || ((x) == EM_486))

#define ELF_HWCAP 0 /* FreeBSD doesn't do AT_HWCAP{,2} on x86 */

#define
    ELF_CLASS    ELFCLASS32
#define ELF_DATA    ELFDATA2LSB
#define ELF_ARCH    EM_386

#define USE_ELF_CORE_DUMP
#define ELF_EXEC_PAGESIZE    4096

#endif /* _TARGET_ARCH_ELF_H_ */
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```

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/* \$OpenBSD: syscall.h,v 1.101 2008/03/16 19:43:41 otto Exp \$ */

/*

* System call numbers.

*

* created from; OpenBSD: syscalls.master,v 1.90 2008/03/16 19:42:57 otto Exp

*/

```
#define TARGET_OPENBSD_NR_syscall 0
#define TARGET_OPENBSD_NR_exit 1
#define TARGET_OPENBSD_NR_fork 2
#define TARGET_OPENBSD_NR_read 3
#define TARGET_OPENBSD_NR_write 4
#define TARGET_OPENBSD_NR_open 5
#define TARGET_OPENBSD_NR_close 6
#define TARGET_OPENBSD_NR_wait4 7
#define TARGET_OPENBSD_NR_link 9
#define TARGET_OPENBSD_NR_unlink 10
#define TARGET_OPENBSD_NR_chdir 12
#define TARGET_OPENBSD_NR_fchdir 13
#define TARGET_OPENBSD_NR_mknod 14
#define TARGET_OPENBSD_NR_chmod 15
#define TARGET_OPENBSD_NR_chown 16
#define TARGET_OPENBSD_NR_break 17
#define TARGET_OPENBSD_NR_getpid 20
#define TARGET_OPENBSD_NR_mount 21
#define TARGET_OPENBSD_NR_unmount 22
#define TARGET_OPENBSD_NR_setuid
    23
#define TARGET_OPENBSD_NR_getuid 24
#define TARGET_OPENBSD_NR_geteuid 25
#define TARGET_OPENBSD_NR_ptrace 26
#define TARGET_OPENBSD_NR_recvmsg 27
#define TARGET_OPENBSD_NR_sendmsg 28
#define TARGET_OPENBSD_NR_recvfrom 29
#define TARGET_OPENBSD_NR_accept 30
#define TARGET_OPENBSD_NR_getpeername 31
#define TARGET_OPENBSD_NR_getsockname 32
#define TARGET_OPENBSD_NR_access 33
#define TARGET_OPENBSD_NR_chflags 34
#define TARGET_OPENBSD_NR_fchflags 35
#define TARGET_OPENBSD_NR_sync 36
#define TARGET_OPENBSD_NR_kill 37
#define TARGET_OPENBSD_NR_getppid 39
```

```

#define TARGET_OPENBSD_NR_dup 41
#define TARGET_OPENBSD_NR_opipe 42
#define TARGET_OPENBSD_NR_getegid 43
#define TARGET_OPENBSD_NR_profil 44
#define TARGET_OPENBSD_NR_ktrace 45
#define TARGET_OPENBSD_NR_sigaction 46
#define TARGET_OPENBSD_NR_getgid 47
#define TARGET_OPENBSD_NR_sigprocmask 48
#define TARGET_OPENBSD_NR_getlogin 49
#define TARGET_OPENBSD_NR_setlogin
    50
#define TARGET_OPENBSD_NR_acct 51
#define TARGET_OPENBSD_NR_sigpending 52
#define TARGET_OPENBSD_NR_osigaltstack 53
#define TARGET_OPENBSD_NR_ioctl 54
#define TARGET_OPENBSD_NR_reboot 55
#define TARGET_OPENBSD_NR_revoke 56
#define TARGET_OPENBSD_NR_symlink 57
#define TARGET_OPENBSD_NR_readlink 58
#define TARGET_OPENBSD_NR_execve 59
#define TARGET_OPENBSD_NR_umask 60
#define TARGET_OPENBSD_NR_chroot 61
#define TARGET_OPENBSD_NR_vfork 66
#define TARGET_OPENBSD_NR_sbrk 69
#define TARGET_OPENBSD_NR_sstk 70
#define TARGET_OPENBSD_NR_munmap 73
#define TARGET_OPENBSD_NR_mprotect 74
#define TARGET_OPENBSD_NR_madvise 75
#define TARGET_OPENBSD_NR_mincore 78
#define TARGET_OPENBSD_NR_getgroups 79
#define TARGET_OPENBSD_NR_setgroups 80
#define TARGET_OPENBSD_NR_getpgrp 81
#define TARGET_OPENBSD_NR_setpgid 82
#define TARGET_OPENBSD_NR_setitimer 83
#define TARGET_OPENBSD_NR_getitimer
    86
#define TARGET_OPENBSD_NR_dup2 90
#define TARGET_OPENBSD_NR_fcntl 92
#define TARGET_OPENBSD_NR_select 93
#define TARGET_OPENBSD_NR_fsync 95
#define TARGET_OPENBSD_NR_setpriority 96
#define TARGET_OPENBSD_NR_socket 97
#define TARGET_OPENBSD_NR_connect 98
#define TARGET_OPENBSD_NR_getpriority 100
#define TARGET_OPENBSD_NR_sigreturn 103
#define TARGET_OPENBSD_NR_bind 104
#define TARGET_OPENBSD_NR_setsockopt 105
#define TARGET_OPENBSD_NR_listen 106

```

```

#define TARGET_OPENBSD_NR_sigsuspend 111
#define TARGET_OPENBSD_NR_gettimeofday 116
#define TARGET_OPENBSD_NR_getrusage 117
#define TARGET_OPENBSD_NR_getsockopt 118
#define TARGET_OPENBSD_NR_readv 120
#define TARGET_OPENBSD_NR_writev 121
#define TARGET_OPENBSD_NR_settimeofday 122
#define TARGET_OPENBSD_NR_fchown 123
#define TARGET_OPENBSD_NR_fchmod 124
#define TARGET_OPENBSD_NR_setreuid 126
#define TARGET_OPENBSD_NR_setregid 127
#define TARGET_OPENBSD_NR_rename
    128
#define TARGET_OPENBSD_NR_flock 131
#define TARGET_OPENBSD_NR_mkfifo 132
#define TARGET_OPENBSD_NR_sendto 133
#define TARGET_OPENBSD_NR_shutdown 134
#define TARGET_OPENBSD_NR_socketpair 135
#define TARGET_OPENBSD_NR_mkdir 136
#define TARGET_OPENBSD_NR_rmdir 137
#define TARGET_OPENBSD_NR_utimes 138
#define TARGET_OPENBSD_NR_adjtime 140
#define TARGET_OPENBSD_NR_setsid 147
#define TARGET_OPENBSD_NR_quotactl 148
#define TARGET_OPENBSD_NR_nfssvc 155
#define TARGET_OPENBSD_NR_getfh 161
#define TARGET_OPENBSD_NR_sysarch 165
#define TARGET_OPENBSD_NR_pread 173
#define TARGET_OPENBSD_NR_pwrite 174
#define TARGET_OPENBSD_NR_setgid 181
#define TARGET_OPENBSD_NR_setegid 182
#define TARGET_OPENBSD_NR seteuid 183
#define TARGET_OPENBSD_NR_lfs_bmapv 184
#define TARGET_OPENBSD_NR_lfs_markv 185
#define TARGET_OPENBSD_NR_lfs_segclean 186
#define TARGET_OPENBSD_NR_lfs_segwait
    187
#define TARGET_OPENBSD_NR_pathconf 191
#define TARGET_OPENBSD_NR_fpathconf 192
#define TARGET_OPENBSD_NR_swapctl 193
#define TARGET_OPENBSD_NR_getrlimit 194
#define TARGET_OPENBSD_NR_setrlimit 195
#define TARGET_OPENBSD_NR_getdirentries 196
#define TARGET_OPENBSD_NR_mmap 197
#define TARGET_OPENBSD_NR___syscall 198
#define TARGET_OPENBSD_NR_lseek 199
#define TARGET_OPENBSD_NR_truncate 200
#define TARGET_OPENBSD_NR_ftruncate 201

```

```

#define TARGET_OPENBSD_NR___sysctl 202
#define TARGET_OPENBSD_NR_mlock 203
#define TARGET_OPENBSD_NR_munlock 204
#define TARGET_OPENBSD_NR_futimes 206
#define TARGET_OPENBSD_NR_getpgid 207
#define TARGET_OPENBSD_NR_xfspioctl 208
#define TARGET_OPENBSD_NR_semget 221
#define TARGET_OPENBSD_NR_msgget 225
#define TARGET_OPENBSD_NR_msgsnd 226
#define TARGET_OPENBSD_NR_msgrcv 227
#define TARGET_OPENBSD_NR_shmat 228
#define TARGET_OPENBSD_NR_shmdt 230
#define TARGET_OPENBSD_NR_clock_gettime
    232
#define TARGET_OPENBSD_NR_clock_settime 233
#define TARGET_OPENBSD_NR_clock_getres 234
#define TARGET_OPENBSD_NR_nanosleep 240
#define TARGET_OPENBSD_NR_minherit 250
#define TARGET_OPENBSD_NR_rfork 251
#define TARGET_OPENBSD_NR_poll 252
#define TARGET_OPENBSD_NR_issetugid 253
#define TARGET_OPENBSD_NR_lchown 254
#define TARGET_OPENBSD_NR_getsid 255
#define TARGET_OPENBSD_NR_msync 256
#define TARGET_OPENBSD_NR_pipe 263
#define TARGET_OPENBSD_NR_fhopen 264
#define TARGET_OPENBSD_NR_preadv 267
#define TARGET_OPENBSD_NR_pwritev 268
#define TARGET_OPENBSD_NR_kqueue 269
#define TARGET_OPENBSD_NR_kevent 270
#define TARGET_OPENBSD_NR_mlockall 271
#define TARGET_OPENBSD_NR_munlockall 272
#define TARGET_OPENBSD_NR_getpeereid 273
#define TARGET_OPENBSD_NR_getresuid 281
#define TARGET_OPENBSD_NR_setresuid 282
#define TARGET_OPENBSD_NR_getresgid 283
#define TARGET_OPENBSD_NR_setresgid
    284
#define TARGET_OPENBSD_NR_mquery 286
#define TARGET_OPENBSD_NR_closefrom 287
#define TARGET_OPENBSD_NR_sigaltstack 288
#define TARGET_OPENBSD_NR_shmget 289
#define TARGET_OPENBSD_NR_semop 290
#define TARGET_OPENBSD_NR_stat 291
#define TARGET_OPENBSD_NR_fstat 292
#define TARGET_OPENBSD_NR_lstat 293
#define TARGET_OPENBSD_NR_fhstat 294
#define TARGET_OPENBSD_NR___semctl 295

```



```

#define TARGET_OPENBSD_NR_shmctl    296
#define TARGET_OPENBSD_NR_msgctl    297
#define TARGET_OPENBSD_NR_sched_yield 298
#define TARGET_OPENBSD_NR_getthrid  299
#define TARGET_OPENBSD_NR_thrsleep  300
#define TARGET_OPENBSD_NR_thrwakeup  301
#define TARGET_OPENBSD_NR_threxit    302
#define TARGET_OPENBSD_NR_thrsigdivert 303
#define TARGET_OPENBSD_NR___getcwd   304
#define TARGET_OPENBSD_NR_adjfreq    305
#define TARGET_OPENBSD_NR_getfsstat  306
#define TARGET_OPENBSD_NR_statfs     307
#define TARGET_OPENBSD_NR_fstatfs    308
#define TARGET_OPENBSD_NR_fhstatfs   309

/* syscall flags from machine/trap.h */

/* $OpenBSD: trap.h,v 1.4 2008/07/04 22:04:37 kettenis Exp $ */
/* $NetBSD: trap.h,v 1.4 1999/06/07 05:28:04 eeh Exp $ */

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 */
#define TARGET_OPENBSD_SYSCALL_G2RFLAG 0x400 /* on success, return to %g2 rather than npc */
#define TARGET_OPENBSD_SYSCALL_G7RFLAG 0x800 /* use %g7 as above (deprecated) */
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```

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```
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 * i386 cpu init and loop
 *
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 */
```

```
#ifndef _TARGET_ARCH_CPU_H_
#define _TARGET_ARCH_CPU_H_

#include "target_arch.h"

#define TARGET_DEFAULT_CPU_MODEL "qemu32"

static inline void target_cpu_init(CPUX86State *env,
    struct target_pt_regs *regs)
{
    uint64_t *gdt_table;
```

```

env->cr[0] = CR0_PG_MASK | CR0_WP_MASK | CR0_PE_MASK;

env->hflags |= HF_PE_MASK | HF_CPL_MASK;
if (env->features[FEAT_1_EDX] & CPUID_SSE) {
    env->cr[4] |= CR4_OSFCSR_MASK;
    env->hflags |= HF_OSFCSR_MASK;
}

/* flags setup : we activate the IRQs by default as in user mode */
env->eflags |= IF_MASK;

/* register setup */
env->regs[R_EAX] = regs->eax;
env->regs[R_EBX] = regs->ebx;
env->regs[R_ECX] = regs->ecx;
env->regs[R_EDX] = regs->edx;
env->regs[R_ESI] = regs->esi;
env->regs[R_EDI] = regs->edi;
env->regs[R_EBP] = regs->ebp;
env->regs[R_ESP] = regs->esp;
env->eip = regs->eip;

/* interrupt setup */
env->idt.limit = 255;

env->idt.base = target_mmap(0, sizeof(uint64_t) * (env->idt.limit + 1),
    PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
bsd_i386_set_idt_base(env->idt.base);
bsd_i386_set_idt(0, 0);
bsd_i386_set_idt(1, 0);
bsd_i386_set_idt(2, 0);
bsd_i386_set_idt(3, 3);
bsd_i386_set_idt(4, 3);
bsd_i386_set_idt(5,
0);
bsd_i386_set_idt(6, 0);
bsd_i386_set_idt(7, 0);
bsd_i386_set_idt(8, 0);
bsd_i386_set_idt(9, 0);
bsd_i386_set_idt(10, 0);
bsd_i386_set_idt(11, 0);
bsd_i386_set_idt(12, 0);
bsd_i386_set_idt(13, 0);
bsd_i386_set_idt(14, 0);
bsd_i386_set_idt(15, 0);
bsd_i386_set_idt(16, 0);
bsd_i386_set_idt(17, 0);

```

```

bsd_i386_set_idt(18, 0);
bsd_i386_set_idt(19, 0);
bsd_i386_set_idt(0x80, 3);

/* segment setup */
env->gdt.base = target_mmap(0, sizeof(uint64_t) * TARGET_GDT_ENTRIES,
    PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
env->gdt.limit = sizeof(uint64_t) * TARGET_GDT_ENTRIES - 1;
gdt_table = g2h_untagged(env->gdt.base);

bsd_i386_write_dt(&gdt_table[__USER_CS >> 3], 0, 0xffff,
    DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
    (3 << DESC_DPL_SHIFT) | (0xa << DESC_TYPE_SHIFT));

bsd_i386_write_dt(&gdt_table[__USER_DS >> 3], 0, 0xffff,
    DESC_G_MASK
| DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
    (3 << DESC_DPL_SHIFT) | (0x2 << DESC_TYPE_SHIFT));

cpu_x86_load_seg(env, R_CS, __USER_CS);
cpu_x86_load_seg(env, R_SS, __USER_DS);
cpu_x86_load_seg(env, R_DS, __USER_DS);
cpu_x86_load_seg(env, R_ES, __USER_DS);
cpu_x86_load_seg(env, R_FS, __USER_DS);
cpu_x86_load_seg(env, R_GS, __USER_DS);
/* This hack makes Wine work... */
env->segs[R_FS].selector = 0;
}

static inline void target_cpu_loop(CPUX86State *env)
{
    CPUState *cs = env_cpu(env);
    int trapnr;
    abi_ulong pc;
    /* target_siginfo_t info; */

    for (;;) {
        cpu_exec_start(cs);
        trapnr = cpu_exec(cs);
        cpu_exec_end(cs);
        process_queued_cpu_work(cs);

        switch (trapnr) {
            case 0x80:
                /* syscall from int $0x80 */
                if (bsd_type == target_freebsd) {
                    abi_ulong params = (abi_ulong) env->regs[R_ESP] +
                        sizeof(int32_t);

```

```

    int32_t
syscall_nr = env->regs[R_EAX];
    int32_t arg1, arg2, arg3, arg4, arg5, arg6, arg7, arg8;

    if (syscall_nr == TARGET_FREEBSD_NR_syscall) {
        get_user_s32(syscall_nr, params);
        params += sizeof(int32_t);
    } else if (syscall_nr == TARGET_FREEBSD_NR___syscall) {
        get_user_s32(syscall_nr, params);
        params += sizeof(int64_t);
    }
    get_user_s32(arg1, params);
    params += sizeof(int32_t);
    get_user_s32(arg2, params);
    params += sizeof(int32_t);
    get_user_s32(arg3, params);
    params += sizeof(int32_t);
    get_user_s32(arg4, params);
    params += sizeof(int32_t);
    get_user_s32(arg5, params);
    params += sizeof(int32_t);
    get_user_s32(arg6, params);
    params += sizeof(int32_t);

    get_user_s32(arg7, params);
    params += sizeof(int32_t);
    get_user_s32(arg8, params);
    env->regs[R_EAX] = do_freebsd_syscall(env,
                                        syscall_nr,
                                        arg1,
                                        arg2,
                                        arg3,
                                        arg4,
                                        arg5,
                                        arg6,
                                        arg7,
                                        arg8);
} else { /* if (bsd_type == target_openbsd) */
    env->regs[R_EAX] = do_openbsd_syscall(env,
                                        env->regs[R_EAX],
                                        env->regs[R_EBX],

                                        env->regs[R_ECX],
                                        env->regs[R_EDX],
                                        env->regs[R_ESI],
                                        env->regs[R_EDI],
                                        env->regs[R_EBP]);
}

```

```

        if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
            env->regs[R_EAX] = -env->regs[R_EAX];
            env->eflags |= CC_C;
        } else {
            env->eflags &= ~CC_C;
        }
        break;

    case EXCP_INTERRUPT:
        /* just indicate that signals should be handled asap */
        break;

    case EXCP_ATOMIC:
        cpu_exec_step_atomic(cs);
        break;

    default:
        pc = env->segs[R_CS].base + env->eip;
        fprintf(stderr, "qemu: 0x%08lx: unhandled CPU exception 0x%x - "
            "aborting\n", (long)pc,
trapnr);
        abort();
    }
    process_pending_signals(env);
}
}

static inline void target_cpu_clone_regs(CPUX86State *env, target_ulong newsp)
{
    if (newsp) {
        env->regs[R_ESP] = newsp;
    }
    env->regs[R_EAX] = 0;
}

static inline void target_cpu_reset(CPUArchState *cpu)
{
    cpu_reset(env_cpu(cpu));
}

#endif /* !_TARGET_ARCH_CPU_H_ */
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 * freebsd ELF definitions
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- */

```
#ifndef _TARGET_OS_ELF_H_
#define _TARGET_OS_ELF_H_
```

```
#include "target_arch_elf.h"
#include "elf.h"
```

```
#define bsd_get_ncpu() 1 /* until we pull in bsd-proc.[hc] */
```

```
/* this flag is ineffective under linux too, should be deleted */
```

```
#ifndef MAP_DENYWRITE
#define MAP_DENYWRITE
0
#endif
```

```
/* should probably go in elf.h */
```

```
#ifndef ELIBBAD
#define ELIBBAD 80
#endif
```

```
#ifndef ELF_PLATFORM
#define ELF_PLATFORM (NULL)
#endif
```

```
/* XXX Look at the other conflicting AT_* values. */
```

```
#define FREEBSD_AT_NCPUS 19
#define FREEBSD_AT_HWCAP 25
#define FREEBSD_AT_HWCAP2 26
```

```
#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif
```

```
/* max code+data+bss space allocated to elf interpreter */
```

```
#define INTERP_MAP_SIZE (32 * 1024 * 1024)
```

```

/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)

/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
    ~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 14

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,

    abi_ulong stringp,
    struct elfhdr *exec,
    abi_ulong load_addr,
    abi_ulong load_bias,
    abi_ulong interp_load_addr,
    struct image_info *info)
{
    abi_ulong features, sp;
    int size;
    const int n = sizeof(elf_addr_t);

    target_auxents_sz = 0;
    sp = p;
    /*
     * Force 16 byte _final_ alignment here for generality.
     */
    sp = sp & ~(abi_ulong)15;
    size = (DLINFO_ITEMS + 1) * 2;
    size += envc + argc + 2;
    size += 1;          /* argc itself */
    size *= n;
    if (size & 15) {
        sp -= 16 - (size & 15);
    }

    /*
     * FreeBSD defines elf_addr_t as Elf32_Off / Elf64_Off
     */
#define NEW_AUX_ENT(id, val) do { \
    sp -= n; put_user_ual(val, sp); \
    sp -= n; put_user_ual(id, sp); \
    target_auxents_sz += 2 * n; \
} while (0)

```



```

NEW_AUX_ENT(AT_NULL, 0);

/* There must be exactly DLINFO_ITEMS entries here. */
NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
NEW_AUX_ENT(FREEBSD_AT_NCPUS, (abi_ulong)bsd_get_ncpu());
NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
features = ELF_HWCAP;
NEW_AUX_ENT(FREEBSD_AT_HWCAP, features);
#ifdef ELF_HWCAP2
    features = ELF_HWCAP2;
    NEW_AUX_ENT(FREEBSD_AT_HWCAP2, features);
#endif
NEW_AUX_ENT(AT_UID, (abi_ulong)getuid());

NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
target_auxents = sp; /* Note where the aux entries are in the target */
#ifdef ARCH_DLINFO
    /*
     * ARCH_DLINFO must come last so platform specific code can enforce
     * special alignment requirements on the AUXV if necessary (eg. PPC).
     */
    ARCH_DLINFO;
#endif
#undef NEW_AUX_ENT

    sp = loader_build_argptr(envc, argc, sp, stringp);
    return sp;
}

#endif /* _TARGET_OS_ELF_H_ */
/*
 * FreeBSD thread dependent code and definitions
 */
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- */

```
#ifndef _TARGET_OS_THREAD_H_
#define _TARGET_OS_THREAD_H_
```

```
#include "target_arch_thread.h"
```

```
#endif /* !_TARGET_OS_THREAD_H_ */
if not have_bsd_user
    subdir_done()
endif
```

```
bsd_user_ss.add(files(
    'bsdload.c',
    'elfload.c',
    'main.c',
    'mmap.c',
    'signal.c',
    'strace.c',
    'syscall.c',
    'uaccess.c',
))
```

```
# Pull in the OS-specific build glue, if any
subdir(targetos)
```

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That's all there is to it!

```
#ifndef _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_
```

```
#define TARGET_NSIG    32 /* counting 0; could be 33 (mask is 1-32) */
#define TARGET_NSIG_BPW (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS (TARGET_NSIG / TARGET_NSIG_BPW)
```

```
/* this struct defines a stack used during syscall handling */
```

```

typedef struct target_sigaltstack {
    abi_long    ss_sp;
    abi_ulong   ss_size;
    abi_long    ss_flags;
} target_stack_t;

typedef struct {
    uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t

struct target_sigaction {
    abi_ulong   _sa_handler;
    int32_t     sa_flags;
    target_sigset_t sa_mask;
};

/* Compare to sys/siginfo.h */
typedef union target_sigval {
    int         sival_int;
    abi_ulong   sival_ptr;
} target_sigval_t;

struct target_ksiginfo {
    int32_t     _signo;
    int32_t     _code;
    int32_t     _errno;
#if TARGET_ABI_BITS == 64
    int32_t     _pad;
#endif
    union {
        struct {
            int32_t     _pid;
            int32_t     _uid;
            target_sigval_t _value;
        } _rt;

        struct {
            int32_t     _pid;
            int32_t     _uid;
            int32_t     _struct;
            /* clock_t     _utime; */
            /* clock_t     _stime; */
        } _child;

        struct {
            abi_ulong     _addr;
            int32_t        _trap;
        }
    };
};

```

```

    } _fault;

    struct {
        long        _band;
        int         _fd;
    } _poll;
    } _reason;
};

typedef union target_siginfo {
    int8_t    si_pad[128];
    struct    target_ksiginfo _info;
} target_siginfo_t;

#define target_si_signo    _info._signo
#define target_si_code    _info._code
#define target_si_errno    _info._errno
#define target_si_addr    _info._reason._fault._addr

#define TARGET_SEGV_MAPERR 1
#define TARGET_SEGV_ACCERR 2

#define TARGET_TRAP_BRKPT 1
#define TARGET_TRAP_TRACE 2

#endif /* ! _TARGET_OS_SIGINFO_H_
*/

```

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Version 3, 29 June 2007

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/*

* OpenBSD host dependent code and definitions

*

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```

```

#ifndef _HOST_OS_H_
#define _HOST_OS_H_

```

```

#define HOST_DEFAULT_BSD_TYPE target_openbsd

```

```

#endif /* !_HOST_OS_H_ */

```

```

/*

```

```

* mips sysarch() system call emulation

```

```

*

```

```

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```

```

*

```

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```

```

*/

```

```

#ifndef BSD_USER_ARCH_SYSARCH_H_

```

```

#define BSD_USER_ARCH_SYSARCH_H_

```

```

#include "target_syscall.h"

```

```

#include "target_arch.h"

```

```

static inline abi_long do_freebsd_arch_sysarch(CPUMIPSSState *env, int op,
abi_ulong parms)

```

```

{

```

```

    int ret = 0;

```

```

    switch (op)

```

```

    {

```

```

        case TARGET_MIPS_SET_TLS:

```

```

    target_cpu_set_tls(env, parms);
    break;

case TARGET_MIPS_GET_TLS:
    if (put_user(target_cpu_get_tls(env), parms, abi_ulong)) {
        ret = -TARGET_EFAULT;
    }
    break;

default:
    ret = -TARGET_EINVAL;
    break;
}

return ret;
}

static inline void do_freebsd_arch_print_sysarch(
    const struct syscallname *name, abi_long arg1, abi_long arg2,
    abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

    switch (arg1) {
case TARGET_MIPS_SET_TLS:
    gemu_log("%s(SET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
    break;

case TARGET_MIPS_GET_TLS:
    gemu_log("%s(GET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
    break;

default:
    gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ")", (int)arg1, arg2);
    }
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_ */

```

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/*

* Intel i386 sigcode for BSD-user

*

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*/

#ifndef _TARGET_ARCH_SIGTRAMP_H_

#define _TARGET_ARCH_SIGTRAMP_H_

```
static inline abi_long setup_sigtramp(abi_ulong offset, unsigned sig_uc,
                                     unsigned sys_sigreturn)
```



```

{

    return 0;
}
#endif /* _TARGET_ARCH_SIGTRAMP_H_ */
/* $NetBSD: syscall.h,v 1.215 2008/06/17 16:07:57 tsutsui Exp $ */

/*
 * System call numbers.
 *
 * created from NetBSD: syscalls.master,v 1.204 2008/06/17 16:05:23 tsutsui Exp
 */

#define TARGET_NETBSD_NR_syscall    0
#define TARGET_NETBSD_NR_exit      1
#define TARGET_NETBSD_NR_fork      2
#define TARGET_NETBSD_NR_read      3
#define TARGET_NETBSD_NR_write     4
#define TARGET_NETBSD_NR_open      5
#define TARGET_NETBSD_NR_close     6
#define TARGET_NETBSD_NR_wait4     7
#define TARGET_NETBSD_NR_compat_43_ocreat  8
#define TARGET_NETBSD_NR_link      9
#define TARGET_NETBSD_NR_unlink   10
#define TARGET_NETBSD_NR_chdir    12
#define TARGET_NETBSD_NR_fchdir   13
#define TARGET_NETBSD_NR_mknod    14
#define TARGET_NETBSD_NR_chmod    15
#define TARGET_NETBSD_NR_chown    16
#define TARGET_NETBSD_NR_break    17
#define TARGET_NETBSD_NR_compat_20_getfsstat 18
#define TARGET_NETBSD_NR_compat_43_olseek  19
#define TARGET_NETBSD_NR_getpid    20
#define
TARGET_NETBSD_NR_getpid    20
#define TARGET_NETBSD_NR_compat_40_mount  21
#define TARGET_NETBSD_NR_unmount  22
#define TARGET_NETBSD_NR_setuid   23
#define TARGET_NETBSD_NR_getuid   24
#define TARGET_NETBSD_NR_getuid   24
#define TARGET_NETBSD_NR_geteuid  25
#define TARGET_NETBSD_NR_ptrace   26
#define TARGET_NETBSD_NR_recvmmsg 27
#define TARGET_NETBSD_NR_sendmsg  28
#define TARGET_NETBSD_NR_recvfrom 29
#define TARGET_NETBSD_NR_accept   30
#define TARGET_NETBSD_NR_getpeername 31
#define TARGET_NETBSD_NR_getsockname 32

```

```

#define TARGET_NETBSD_NR_access    33
#define TARGET_NETBSD_NR_chflags   34
#define TARGET_NETBSD_NR_fchflags  35
#define TARGET_NETBSD_NR_sync      36
#define TARGET_NETBSD_NR_kill      37
#define TARGET_NETBSD_NR_compat_43_stat43  38
#define TARGET_NETBSD_NR_getppid   39
#define TARGET_NETBSD_NR_compat_43_lstat43  40
#define TARGET_NETBSD_NR_dup       41
#define TARGET_NETBSD_NR_pipe      42
#define TARGET_NETBSD_NR_getegid
    43
#define TARGET_NETBSD_NR_profil    44
#define TARGET_NETBSD_NR_ktrace    45
#define TARGET_NETBSD_NR_compat_13_sigaction13  46
#define TARGET_NETBSD_NR_getgid    47
#define TARGET_NETBSD_NR_getgid    47
#define TARGET_NETBSD_NR_compat_13_sigprocmask13  48
#define TARGET_NETBSD_NR___getlogin 49
#define TARGET_NETBSD_NR___setlogin 50
#define TARGET_NETBSD_NR_acct      51
#define TARGET_NETBSD_NR_compat_13_sigpending13  52
#define TARGET_NETBSD_NR_compat_13_sigaltstack13  53
#define TARGET_NETBSD_NR_ioctl     54
#define TARGET_NETBSD_NR_compat_12_oreboot  55
#define TARGET_NETBSD_NR_revoke    56
#define TARGET_NETBSD_NR_symlink   57
#define TARGET_NETBSD_NR_readlink  58
#define TARGET_NETBSD_NR_execve    59
#define TARGET_NETBSD_NR_umask     60
#define TARGET_NETBSD_NR_chroot    61
#define TARGET_NETBSD_NR_compat_43_fstat43  62
#define TARGET_NETBSD_NR_compat_43_ogetkerninfo  63
#define TARGET_NETBSD_NR_compat_43_ogetpagesize
    64
#define TARGET_NETBSD_NR_compat_12_msync  65
#define TARGET_NETBSD_NR_vfork      66
#define TARGET_NETBSD_NR_sbrk       69
#define TARGET_NETBSD_NR_sstk       70
#define TARGET_NETBSD_NR_compat_43_ommap  71
#define TARGET_NETBSD_NR_vadvise    72
#define TARGET_NETBSD_NR_munmap     73
#define TARGET_NETBSD_NR_mprotect   74
#define TARGET_NETBSD_NR_madvise    75
#define TARGET_NETBSD_NR_mincore    78
#define TARGET_NETBSD_NR_getgroups  79
#define TARGET_NETBSD_NR_setgroups  80
#define TARGET_NETBSD_NR_getpgrp    81

```

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#define TARGET_NETBSD_NR_setpgid 82
#define TARGET_NETBSD_NR_setitimer 83
#define TARGET_NETBSD_NR_compat_43_owait 84
#define TARGET_NETBSD_NR_compat_12_oswapon 85
#define TARGET_NETBSD_NR_getitimer 86
#define TARGET_NETBSD_NR_compat_43_ogethostname 87
#define TARGET_NETBSD_NR_compat_43_osethostname 88
#define TARGET_NETBSD_NR_compat_43_ogetdtablesize 89
#define TARGET_NETBSD_NR_dup2 90
#define TARGET_NETBSD_NR_fcntl
92
#define TARGET_NETBSD_NR_select 93
#define TARGET_NETBSD_NR_fsync 95
#define TARGET_NETBSD_NR_setpriority 96
#define TARGET_NETBSD_NR_compat_30_socket 97
#define TARGET_NETBSD_NR_connect 98
#define TARGET_NETBSD_NR_compat_43_oaccept 99
#define TARGET_NETBSD_NR_getpriority 100
#define TARGET_NETBSD_NR_compat_43_osend 101
#define TARGET_NETBSD_NR_compat_43_orecv 102
#define TARGET_NETBSD_NR_compat_13_sigreturn13 103
#define TARGET_NETBSD_NR_bind 104
#define TARGET_NETBSD_NR_setsockopt 105
#define TARGET_NETBSD_NR_listen 106
#define TARGET_NETBSD_NR_compat_43_osigvec 108
#define TARGET_NETBSD_NR_compat_43_osigblock 109
#define TARGET_NETBSD_NR_compat_43_osigsetmask 110
#define TARGET_NETBSD_NR_compat_13_sigsuspend13 111
#define TARGET_NETBSD_NR_compat_43_osigstack 112
#define TARGET_NETBSD_NR_compat_43_orecvmsg 113
#define TARGET_NETBSD_NR_compat_43_osendmsg 114
#define TARGET_NETBSD_NR_gettimeofday 116
#define TARGET_NETBSD_NR_getrusage
117
#define TARGET_NETBSD_NR_getsockopt 118
#define TARGET_NETBSD_NR_readv 120
#define TARGET_NETBSD_NR_writev 121
#define TARGET_NETBSD_NR_settimeofday 122
#define TARGET_NETBSD_NR_fchown 123
#define TARGET_NETBSD_NR_fchmod 124
#define TARGET_NETBSD_NR_compat_43_orecvfrom 125
#define TARGET_NETBSD_NR_setreuid 126
#define TARGET_NETBSD_NR_setregid 127
#define TARGET_NETBSD_NR_rename 128
#define TARGET_NETBSD_NR_compat_43_otruncate 129
#define TARGET_NETBSD_NR_compat_43_oftruncate 130
#define TARGET_NETBSD_NR_flock 131
#define TARGET_NETBSD_NR_mkfifo 132

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#define TARGET_NETBSD_NR_sendto    133
#define TARGET_NETBSD_NR_shutdown  134
#define TARGET_NETBSD_NR_socketpair 135
#define TARGET_NETBSD_NR_mkdir     136
#define TARGET_NETBSD_NR_rmdir     137
#define TARGET_NETBSD_NR_utimes    138
#define TARGET_NETBSD_NR_adjtime   140
#define TARGET_NETBSD_NR_compat_43_ogetpeername 141
#define TARGET_NETBSD_NR_compat_43_ogethostid
    142
#define TARGET_NETBSD_NR_compat_43_ogethostid 143
#define TARGET_NETBSD_NR_compat_43_ogetrlimit 144
#define TARGET_NETBSD_NR_compat_43_ogetrlimit 145
#define TARGET_NETBSD_NR_compat_43_okillpg 146
#define TARGET_NETBSD_NR_setsid    147
#define TARGET_NETBSD_NR_quotactl  148
#define TARGET_NETBSD_NR_compat_43_oquota 149
#define TARGET_NETBSD_NR_compat_43_ogetsockname 150
#define TARGET_NETBSD_NR_nfssvc    155
#define TARGET_NETBSD_NR_compat_43_ogetdirenties 156
#define TARGET_NETBSD_NR_compat_20_statfs 157
#define TARGET_NETBSD_NR_compat_20_fstatfs 158
#define TARGET_NETBSD_NR_compat_30_getfh 161
#define TARGET_NETBSD_NR_compat_09_ogetdomainname 162
#define TARGET_NETBSD_NR_compat_09_ogetdomainname 163
#define TARGET_NETBSD_NR_compat_09_ouname 164
#define TARGET_NETBSD_NR_sysarch   165
#define TARGET_NETBSD_NR_compat_10_osemsys 169
#define TARGET_NETBSD_NR_compat_10_msgsys 170
#define
    TARGET_NETBSD_NR_compat_10_oshmsys 171
#define TARGET_NETBSD_NR_pread     173
#define TARGET_NETBSD_NR_pwrite    174
#define TARGET_NETBSD_NR_compat_30_ntp_gettime 175
#define TARGET_NETBSD_NR_ntp_adjtime 176
#define TARGET_NETBSD_NR_setgid    181
#define TARGET_NETBSD_NR_setegid  182
#define TARGET_NETBSD_NR seteuid   183
#define TARGET_NETBSD_NR_lfs_bmapv 184
#define TARGET_NETBSD_NR_lfs_markv 185
#define TARGET_NETBSD_NR_lfs_segclean 186
#define TARGET_NETBSD_NR_lfs_segwait 187
#define TARGET_NETBSD_NR_compat_12_stat12 188
#define TARGET_NETBSD_NR_compat_12_fstat12 189
#define TARGET_NETBSD_NR_compat_12_lstat12 190
#define TARGET_NETBSD_NR_pathconf 191
#define TARGET_NETBSD_NR_fpathconf 192
#define TARGET_NETBSD_NR_getrlimit 194

```

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#define TARGET_NETBSD_NR_setrlimit 195
#define TARGET_NETBSD_NR_compat_12_getdirentries 196
#define TARGET_NETBSD_NR_mmap 197
#define TARGET_NETBSD_NR___syscall 198
#define TARGET_NETBSD_NR_lseek
    199
#define TARGET_NETBSD_NR_truncate 200
#define TARGET_NETBSD_NR_ftruncate 201
#define TARGET_NETBSD_NR___sysctl 202
#define TARGET_NETBSD_NR_mlock 203
#define TARGET_NETBSD_NR_munlock 204
#define TARGET_NETBSD_NR_undelete 205
#define TARGET_NETBSD_NR_futimes 206
#define TARGET_NETBSD_NR_getpgid 207
#define TARGET_NETBSD_NR_reboot 208
#define TARGET_NETBSD_NR_poll 209
#define TARGET_NETBSD_NR_compat_14___semctl 220
#define TARGET_NETBSD_NR_semget 221
#define TARGET_NETBSD_NR_semop 222
#define TARGET_NETBSD_NR_semconfig 223
#define TARGET_NETBSD_NR_compat_14_msgctl 224
#define TARGET_NETBSD_NR_msgget 225
#define TARGET_NETBSD_NR_msgsnd 226
#define TARGET_NETBSD_NR_msgrcv 227
#define TARGET_NETBSD_NR_shmat 228
#define TARGET_NETBSD_NR_compat_14_shmctl 229
#define TARGET_NETBSD_NR_shmdt 230
#define TARGET_NETBSD_NR_shmget 231
#define TARGET_NETBSD_NR_clock_gettime 232
#define TARGET_NETBSD_NR_clock_settime
    233
#define TARGET_NETBSD_NR_clock_getres 234
#define TARGET_NETBSD_NR_timer_create 235
#define TARGET_NETBSD_NR_timer_delete 236
#define TARGET_NETBSD_NR_timer_settime 237
#define TARGET_NETBSD_NR_timer_gettime 238
#define TARGET_NETBSD_NR_timer_getoverrun 239
#define TARGET_NETBSD_NR_nanosleep 240
#define TARGET_NETBSD_NR_fdatasync 241
#define TARGET_NETBSD_NR_mlockall 242
#define TARGET_NETBSD_NR_munlockall 243
#define TARGET_NETBSD_NR___sigtimedwait 244
#define TARGET_NETBSD_NR_modctl 246
#define TARGET_NETBSD_NR_ksem_init 247
#define TARGET_NETBSD_NR_ksem_open 248
#define TARGET_NETBSD_NR_ksem_unlink 249
#define TARGET_NETBSD_NR_ksem_close 250
#define TARGET_NETBSD_NR_ksem_post 251

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#define TARGET_NETBSD_NR__ksem_wait 252
#define TARGET_NETBSD_NR__ksem_trywait 253
#define TARGET_NETBSD_NR__ksem_getvalue 254
#define TARGET_NETBSD_NR__ksem_destroy 255
#define TARGET_NETBSD_NR_mq_open
    257
#define TARGET_NETBSD_NR_mq_close 258
#define TARGET_NETBSD_NR_mq_unlink 259
#define TARGET_NETBSD_NR_mq_getattr 260
#define TARGET_NETBSD_NR_mq_setattr 261
#define TARGET_NETBSD_NR_mq_notify 262
#define TARGET_NETBSD_NR_mq_send 263
#define TARGET_NETBSD_NR_mq_receive 264
#define TARGET_NETBSD_NR_mq_timedsend 265
#define TARGET_NETBSD_NR_mq_timedreceive 266
#define TARGET_NETBSD_NR__posix_rename 270
#define TARGET_NETBSD_NR_swapctl 271
#define TARGET_NETBSD_NR_compat_30_getdents 272
#define TARGET_NETBSD_NR_minherit 273
#define TARGET_NETBSD_NR_lchmod 274
#define TARGET_NETBSD_NR_lchown 275
#define TARGET_NETBSD_NR_lutimes 276
#define TARGET_NETBSD_NR__msync13 277
#define TARGET_NETBSD_NR_compat_30__stat13 278
#define TARGET_NETBSD_NR_compat_30__fstat13 279
#define TARGET_NETBSD_NR_compat_30__lstat13 280
#define TARGET_NETBSD_NR__sigaltstack14 281
#define TARGET_NETBSD_NR__vfork14 282
#define
    TARGET_NETBSD_NR__posix_chown 283
#define TARGET_NETBSD_NR__posix_fchown 284
#define TARGET_NETBSD_NR__posix_lchown 285
#define TARGET_NETBSD_NR_getsid 286
#define TARGET_NETBSD_NR__clone 287
#define TARGET_NETBSD_NR_fktrace 288
#define TARGET_NETBSD_NR_preadv 289
#define TARGET_NETBSD_NR_pwritev 290
#define TARGET_NETBSD_NR_compat_16__sigaction14 291
#define TARGET_NETBSD_NR__sigpending14 292
#define TARGET_NETBSD_NR__sigprocmask14 293
#define TARGET_NETBSD_NR__sigsuspend14 294
#define TARGET_NETBSD_NR_compat_16__sigreturn14 295
#define TARGET_NETBSD_NR__getcwd 296
#define TARGET_NETBSD_NR_fchroot 297
#define TARGET_NETBSD_NR_compat_30_fhopen 298
#define TARGET_NETBSD_NR_compat_30_fhstat 299
#define TARGET_NETBSD_NR_compat_20_fhstatfs 300
#define TARGET_NETBSD_NR____semctl13 301

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#define TARGET_NETBSD_NR___msgctl13 302
#define TARGET_NETBSD_NR___shmctl13 303
#define TARGET_NETBSD_NR_lchflags
    304
#define TARGET_NETBSD_NR_issetugid 305
#define TARGET_NETBSD_NR_utrace 306
#define TARGET_NETBSD_NR_getcontext 307
#define TARGET_NETBSD_NR_setcontext 308
#define TARGET_NETBSD_NR_lwp_create 309
#define TARGET_NETBSD_NR_lwp_exit 310
#define TARGET_NETBSD_NR_lwp_self 311
#define TARGET_NETBSD_NR_lwp_wait 312
#define TARGET_NETBSD_NR_lwp_suspend 313
#define TARGET_NETBSD_NR_lwp_continue 314
#define TARGET_NETBSD_NR_lwp_wakeup 315
#define TARGET_NETBSD_NR_lwp_getprivate 316
#define TARGET_NETBSD_NR_lwp_setprivate 317
#define TARGET_NETBSD_NR_lwp_kill 318
#define TARGET_NETBSD_NR_lwp_detach 319
#define TARGET_NETBSD_NR_lwp_park 320
#define TARGET_NETBSD_NR_lwp_unpark 321
#define TARGET_NETBSD_NR_lwp_unpark_all 322
#define TARGET_NETBSD_NR_lwp_setname 323
#define TARGET_NETBSD_NR_lwp_getname 324
#define TARGET_NETBSD_NR_lwp_ctl 325
#define TARGET_NETBSD_NR_sa_register 330
#define TARGET_NETBSD_NR_sa_stacks
    331
#define TARGET_NETBSD_NR_sa_enable 332
#define TARGET_NETBSD_NR_sa_setconcurrency 333
#define TARGET_NETBSD_NR_sa_yield 334
#define TARGET_NETBSD_NR_sa_preempt 335
#define TARGET_NETBSD_NR_sa_unblockyield 336
#define TARGET_NETBSD_NR___sigaction_sigtramp 340
#define TARGET_NETBSD_NR_pmc_get_info 341
#define TARGET_NETBSD_NR_pmc_control 342
#define TARGET_NETBSD_NR_rasctl 343
#define TARGET_NETBSD_NR_kqueue 344
#define TARGET_NETBSD_NR_kevent 345
#define TARGET_NETBSD_NR___sched_setparam 346
#define TARGET_NETBSD_NR___sched_getparam 347
#define TARGET_NETBSD_NR___sched_setaffinity 348
#define TARGET_NETBSD_NR___sched_getaffinity 349
#define TARGET_NETBSD_NR_sched_yield 350
#define TARGET_NETBSD_NR_fsync_range 354
#define TARGET_NETBSD_NR_uuidgen 355
#define TARGET_NETBSD_NR_getvfsstat 356
#define TARGET_NETBSD_NR_statvfs1 357

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#define TARGET_NETBSD_NR_fstatvfs1 358
#define TARGET_NETBSD_NR_compat_30_fhstatvfs1 359
#define
    TARGET_NETBSD_NR_extattrctl 360
#define TARGET_NETBSD_NR_extattr_set_file 361
#define TARGET_NETBSD_NR_extattr_get_file 362
#define TARGET_NETBSD_NR_extattr_delete_file 363
#define TARGET_NETBSD_NR_extattr_set_fd 364
#define TARGET_NETBSD_NR_extattr_get_fd 365
#define TARGET_NETBSD_NR_extattr_delete_fd 366
#define TARGET_NETBSD_NR_extattr_set_link 367
#define TARGET_NETBSD_NR_extattr_get_link 368
#define TARGET_NETBSD_NR_extattr_delete_link 369
#define TARGET_NETBSD_NR_extattr_list_fd 370
#define TARGET_NETBSD_NR_extattr_list_file 371
#define TARGET_NETBSD_NR_extattr_list_link 372
#define TARGET_NETBSD_NR_pselect 373
#define TARGET_NETBSD_NR_pollts 374
#define TARGET_NETBSD_NR_setxattr 375
#define TARGET_NETBSD_NR_lsetxattr 376
#define TARGET_NETBSD_NR_fsetxattr 377
#define TARGET_NETBSD_NR_getxattr 378
#define TARGET_NETBSD_NR_lgetxattr 379
#define TARGET_NETBSD_NR_fgetxattr 380
#define TARGET_NETBSD_NR_listxattr 381
#define
    TARGET_NETBSD_NR_llistxattr 382
#define TARGET_NETBSD_NR_flistxattr 383
#define TARGET_NETBSD_NR_removexattr 384
#define TARGET_NETBSD_NR_lremovexattr 385
#define TARGET_NETBSD_NR_fremovexattr 386
#define TARGET_NETBSD_NR___stat30 387
#define TARGET_NETBSD_NR___fstat30 388
#define TARGET_NETBSD_NR___lstat30 389
#define TARGET_NETBSD_NR___getdents30 390
#define TARGET_NETBSD_NR_compat_30___fhstat30 392
#define TARGET_NETBSD_NR___ntp_gettime30 393
#define TARGET_NETBSD_NR___socket30 394
#define TARGET_NETBSD_NR___getfh30 395
#define TARGET_NETBSD_NR___fhopen40 396
#define TARGET_NETBSD_NR___fhstatvfs140 397
#define TARGET_NETBSD_NR___fhstat40 398
#define TARGET_NETBSD_NR_aio_cancel 399
#define TARGET_NETBSD_NR_aio_error 400
#define TARGET_NETBSD_NR_aio_fsync 401
#define TARGET_NETBSD_NR_aio_read 402
#define TARGET_NETBSD_NR_aio_return 403
#define TARGET_NETBSD_NR_aio_suspend 404

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```
#define TARGET_NETBSD_NR_aio_write 405
#define
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```
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#
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 */

#ifndef _TARGET_OS_STACK_H_
#define _TARGET_OS_STACK_H_

#include "target_arch_sigtramp.h"

static inline int setup_initial_stack(struct bsd_binprm *bprm, abi_ulong *p,
    abi_ulong *stringp)
{
    int i;
    abi_ulong stack_base;
```

```

    stack_base
= (target_stkbas + target_stksiz) -
    MAX_ARG_PAGES * TARGET_PAGE_SIZE;
    if (p) {
        *p = stack_base;
    }
    if (stringp) {
        *stringp = stack_base;
    }

    for (i = 0; i < MAX_ARG_PAGES; i++) {
        if (bprm->page[i]) {
            info->rss++;
            if (!memcpy_to_target(stack_base, bprm->page[i],
                TARGET_PAGE_SIZE)) {
                errno = EFAULT;
                return -1;
            }
            g_free(bprm->page[i]);
        }
        stack_base += TARGET_PAGE_SIZE;
    }

    return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */

```

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References

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TARGET_ARCH=x86_64

TARGET_BASE_ARCH=i386

TARGET_XML_FILES= gdb-xml/i386-64bit.xml

/*

* x86_64 cpu init and loop

*

*

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*/

#ifndef _TARGET_ARCH_CPU_H_

#define _TARGET_ARCH_CPU_H_

```

#include "target_arch.h"

#define TARGET_DEFAULT_CPU_MODEL "qemu64"

static inline void target_cpu_init(CPUX86State *env,
    struct target_pt_regs *regs)
{
    uint64_t *gdt_table;

    env->cr[0] = CR0_PG_MASK | CR0_WP_MASK | CR0_PE_MASK;
    env->hflags |= HF_PE_MASK | HF_CPL_MASK;
    if (env->features[FEAT_1_EDX] & CPUID_SSE) {
        env->cr[4] = CR4_OSFCSR_MASK;
        env->hflags |= HF_OSFCSR_MASK;
    }

    /* enable 64 bit mode if possible */
    if (!(env->features[FEAT_8000_0001_EDX] & CPUID_EXT2_LM)) {
        fprintf(stderr, "The selected x86 CPU does not support 64 bit mode\n");
        exit(1);
    }
    env->cr[4] |= CR4_PAE_MASK;
    env->efer |= MSR_EFER_LMA | MSR_EFER_LME;
    env->hflags |= HF_LMA_MASK;

    /* flags setup : we activate the IRQs by default as in user mode */
    env->eflags |= IF_MASK;

    /* register setup */
    env->regs[R_EAX] = regs->rax;
    env->regs[R_EBX] = regs->rbx;
    env->regs[R_ECX] = regs->rcx;
    env->regs[R_EDX] = regs->rdx;
    env->regs[R_ESI] = regs->rsi;
    env->regs[R_EDI] = regs->rdi;
    env->regs[R_EBP] = regs->rbp;
    env->regs[R_ESP] = regs->rsp;
    env->eip = regs->rip;

    /* interrupt setup */
    env->idt.limit = 511;

    env->idt.base = target_mmap(0,
    sizeof(uint64_t) * (env->idt.limit + 1),
    PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
    bsd_x86_64_set_idt_base(env->idt.base);
    bsd_x86_64_set_idt(0, 0);
    bsd_x86_64_set_idt(1, 0);

```

```

bsd_x86_64_set_idt(2, 0);
bsd_x86_64_set_idt(3, 3);
bsd_x86_64_set_idt(4, 3);
bsd_x86_64_set_idt(5, 0);
bsd_x86_64_set_idt(6, 0);
bsd_x86_64_set_idt(7, 0);
bsd_x86_64_set_idt(8, 0);
bsd_x86_64_set_idt(9, 0);
bsd_x86_64_set_idt(10, 0);
bsd_x86_64_set_idt(11, 0);
bsd_x86_64_set_idt(12, 0);
bsd_x86_64_set_idt(13, 0);
bsd_x86_64_set_idt(14, 0);
bsd_x86_64_set_idt(15, 0);
bsd_x86_64_set_idt(16, 0);
bsd_x86_64_set_idt(17, 0);
bsd_x86_64_set_idt(18, 0);
bsd_x86_64_set_idt(19, 0);
bsd_x86_64_set_idt(0x80, 3);

/* segment setup */
env->gdt.base = target_mmap(0, sizeof(uint64_t) * TARGET_GDT_ENTRIES,
    PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
env->gdt.limit =
sizeof(uint64_t) * TARGET_GDT_ENTRIES - 1;
gdt_table = g2h_untagged(env->gdt.base);

/* 64 bit code segment */
bsd_x86_64_write_dt(&gdt_table[__USER_CS >> 3], 0, 0xfffff,
    DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK | DESC_L_MASK
    | (3 << DESC_DPL_SHIFT) | (0xa << DESC_TYPE_SHIFT));

bsd_x86_64_write_dt(&gdt_table[__USER_DS >> 3], 0, 0xfffff,
    DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
    (3 << DESC_DPL_SHIFT) | (0x2 << DESC_TYPE_SHIFT));

cpu_x86_load_seg(env, R_CS, __USER_CS);
cpu_x86_load_seg(env, R_SS, __USER_DS);
cpu_x86_load_seg(env, R_DS, 0);
cpu_x86_load_seg(env, R_ES, 0);
cpu_x86_load_seg(env, R_FS, 0);
cpu_x86_load_seg(env, R_GS, 0);
}

static inline void target_cpu_loop(CPUX86State *env)
{
    CPUState *cs = env_cpu(env);
    int trapnr;

```

```

abi_ulong pc;
/* target_siginfo_t info; */

for (;;) {
    cpu_exec_start(cs);
    trapnr = cpu_exec(cs);
    cpu_exec_end(cs);
    process_queued_cpu_work(cs);

    switch (trapnr) {
    case 0x80:
        /* syscall from int $0x80 */
        if (bsd_type == target_freebsd) {
            abi_ulong params = (abi_ulong) env->regs[R_ESP] +
                sizeof(int32_t);
            int32_t syscall_nr = env->regs[R_EAX];
            int32_t arg1, arg2, arg3, arg4, arg5, arg6, arg7, arg8;

            if (syscall_nr == TARGET_FREEBSD_NR_syscall) {
                get_user_s32(syscall_nr, params);
                params += sizeof(int32_t);
            } else if (syscall_nr == TARGET_FREEBSD_NR___syscall) {
                get_user_s32(syscall_nr, params);
                params += sizeof(int64_t);
            }
            get_user_s32(arg1, params);
            params += sizeof(int32_t);
            get_user_s32(arg2, params);
            params += sizeof(int32_t);
            get_user_s32(arg3, params);

            params += sizeof(int32_t);
            get_user_s32(arg4, params);
            params += sizeof(int32_t);
            get_user_s32(arg5, params);
            params += sizeof(int32_t);
            get_user_s32(arg6, params);
            params += sizeof(int32_t);
            get_user_s32(arg7, params);
            params += sizeof(int32_t);
            get_user_s32(arg8, params);
            env->regs[R_EAX] = do_freebsd_syscall(env,
                                                syscall_nr,
                                                arg1,
                                                arg2,
                                                arg3,
                                                arg4,
                                                arg5,

```

```

        arg6,
        arg7,

        arg8);
} else { /* if (bsd_type == target_openbsd) */
    env->regs[R_EAX] = do_openbsd_syscall(env,
        env->regs[R_EAX],
        env->regs[R_EBX],
        env->regs[R_ECX],
        env->regs[R_EDX],
        env->regs[R_ESI],
        env->regs[R_EDI],
        env->regs[R_EBP]);
}
if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
    env->regs[R_EAX] = -env->regs[R_EAX];
    env->eflags |= CC_C;
} else {
    env->eflags &= ~CC_C;
}
break;

case EXCP_SYSCALL:
    /* syscall from syscall instruction */
    if (bsd_type == target_freebsd) {
        env->regs[R_EAX] = do_freebsd_syscall(env,
            env->regs[R_EAX],
            env->regs[R_EDI],
            env->regs[R_ESI],
            env->regs[R_EDX],
            env->regs[R_ECX],
            env->regs[8],
            env->regs[9], 0, 0);
    } else { /* if (bsd_type == target_openbsd) */
        env->regs[R_EAX] = do_openbsd_syscall(env,
            env->regs[R_EAX],
            env->regs[R_EDI],
            env->regs[R_ESI],
            env->regs[R_EDX],
            env->regs[10],
            env->regs[8],
            env->regs[9]);
    }
    env->eip = env->exception_next_eip;
    if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
        env->regs[R_EAX] = -env->regs[R_EAX];
        env->eflags |= CC_C;
    } else {

```

```

        env->eflags &= ~CC_C;
    }
    break;

case EXCP_INTERRUPT:
    /* just indicate that signals should be handled asap */
    break;

case EXCP_ATOMIC:
    cpu_exec_step_atomic(cs);
    break;

default:
    pc = env->segs[R_CS].base + env->eip;
    fprintf(stderr, "qemu: 0x%08lx: unhandled CPU exception 0x%x - "
        "aborting\n", (long)pc, trapnr);
    abort();
}
process_pending_signals(env);
}
}

static inline void target_cpu_clone_regs(CPUX86State *env, target_ulong newsp)
{
    if (newsp) {
        env->regs[R_ESP] = newsp;
    }
    env->regs[R_EAX] = 0;
}

static inline void target_cpu_reset(CPUArchState *cpu)
{
    cpu_reset(env_cpu(cpu));
}

#endif /* !_TARGET_ARCH_CPU_H_ */
/*
 * i386 system call definitions
 *
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*/

#ifndef TARGET_SYSCALL_H
#define TARGET_SYSCALL_H

/* default linux values for the selectors */
#define __USER_CS (0x23)
#define __USER_DS (0x2B)

struct target_pt_regs {
    long ebx;
    long ecx;
    long edx;
    long esi;
    long edi;
    long ebp;
    long eax;
    int xds;
    int xes;
    long orig_eax;
    long eip;
    int
        xcs;
    long eflags;
    long esp;
    int xss;
};

/* ioctls */

#define TARGET_LDT_ENTRIES    8192
#define TARGET_LDT_ENTRY_SIZE 8

#define TARGET_GDT_ENTRIES    9
#define TARGET_GDT_ENTRY_TLS_ENTRIES 3
#define TARGET_GDT_ENTRY_TLS_MIN    6
#define TARGET_GDT_ENTRY_TLS_MAX    (TARGET_GDT_ENTRY_TLS_MIN +
TARGET_GDT_ENTRY_TLS_ENTRIES - 1)

struct target_modify_ldt_ldt_s {
    unsigned int entry_number;
    abi_ulong base_addr;
    unsigned int limit;
    unsigned int flags;
};

```

```

/* vm86 defines */

#define TARGET_BIOSSEG 0x0f000

#define TARGET_CPU_086 0
#define TARGET_CPU_186 1
#define TARGET_CPU_286 2
#define TARGET_CPU_386 3
#define TARGET_CPU_486 4
#define TARGET_CPU_586 5

#define TARGET_VM86_SIGNAL 0 /* return due to signal */
#define TARGET_VM86_UNKNOWN 1 /* unhandled GP fault - IO-instruction or similar */
#define TARGET_VM86_INTx 2 /* int3/int x instruction (ARG = x) */
#define TARGET_VM86_STI 3 /* sti/popf/iret instruction enabled virtual interrupts */

/*
 * Additional return values when invoking new vm86()
 */
#define TARGET_VM86_PICRETURN 4 /* return due to pending PIC request */
#define TARGET_VM86_TRAP 6 /* return due to DOS-debugger request */

/*
 * function codes when invoking new vm86()
 */
#define TARGET_VM86_PLUS_INSTALL_CHECK 0
#define TARGET_VM86_ENTER 1
#define TARGET_VM86_ENTER_NO_BYPASS 2
#define TARGET_VM86_REQUEST_IRQ 3
#define TARGET_VM86_FREE_IRQ 4
#define TARGET_VM86_GET_IRQ_BITS 5
#define TARGET_VM86_GET_AND_RESET_IRQ 6

/*
 * This is the stack-layout seen by the user space program when we have
 * done a translation of "SAVE_ALL" from vm86 mode. The real kernel layout
 * is 'kernel_vm86_regs' (see below).
 */

struct target_vm86_regs {
/*
 * normal regs, with special meaning for the segment descriptors..
 */
    abi_long ebx;
    abi_long ecx;
    abi_long edx;
    abi_long esi;

```

```

abi_long edi;
abi_long ebp;
abi_long eax;
abi_long __null_ds;
abi_long __null_es;
abi_long __null_fs;
abi_long __null_gs;
abi_long orig_eax;
abi_long
eip;
unsigned short cs, __csh;
abi_long eflags;
abi_long esp;
unsigned short ss, __ssh;
/*
* these are specific to v86 mode:
*/
unsigned short es, __esh;
unsigned short ds, __dsh;
unsigned short fs, __fsh;
unsigned short gs, __gsh;
};

struct target_revector_struct {
abi_ulong __map[8]; /* 256 bits */
};

struct target_vm86_struct {
struct target_vm86_regs regs;
abi_ulong flags;
abi_ulong screen_bitmap;
abi_ulong cpu_type;
struct target_revector_struct int_revector;
struct target_revector_struct int21_revector;
};

/*
* flags masks
*/
#define TARGET_VM86_SCREEN_BITMAP 0x0001

struct target_vm86plus_info_struct {
abi_ulong flags;
#define TARGET_force_return_for_pic (1 << 0)
#define TARGET_vm86dbg_active (1 << 1) /* for debugger */
#define TARGET_vm86dbg_TFpendig (1 << 2) /* for debugger */
#define TARGET_is_vm86pus (1 << 31) /* for vm86 internal use */
unsigned char vm86dbg_intxxtab[32]; /* for debugger */

```

```

};

struct
target_vm86plus_struct {
    struct target_vm86_regs regs;
    abi_ulong flags;
    abi_ulong screen_bitmap;
    abi_ulong cpu_type;
    struct target_revector_struct int_revector;
    struct target_revector_struct int21_revector;
    struct target_vm86plus_info_struct vm86plus;
};

/* FreeBSD sysarch(2) */
#define TARGET_FREEBSD_I386_GET_LDT 0
#define TARGET_FREEBSD_I386_SET_LDT 1
    /* I386_IOPL */
#define TARGET_FREEBSD_I386_GET_IOPERM 3
#define TARGET_FREEBSD_I386_SET_IOPERM 4
    /* xxxxxx */
#define TARGET_FREEBSD_I386_VM86 6
#define TARGET_FREEBSD_I386_GET_FSBASE 7
#define TARGET_FREEBSD_I386_SET_FSBASE 8
#define TARGET_FREEBSD_I386_GET_GSBASE 9
#define TARGET_FREEBSD_I386_SET_GSBASE 10

#define UNAME_MACHINE "i386"
#define TARGET_HW_MACHINE UNAME_MACHINE
#define TARGET_HW_MACHINE_ARCH UNAME_MACHINE

#endif /* TARGET_SYSCALL_H */
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```

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/*

* OpenBSD setup_initial_stack() implementation.

*

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*/

#ifndef _TARGET_OS_STACK_H_

#define _TARGET_OS_STACK_H_

#include "target_arch_sigtramp.h"

static inline int setup_initial_stack(struct bsd_binprm *bprm, abi_ulong *p,

```

    abi_ulong *stringp)
{
    int i;
    abi_ulong stack_base;

    stack_base
= (target_stkbas + target_stksiz) -
    MAX_ARG_PAGES * TARGET_PAGE_SIZE;
    if (p) {
        *p = stack_base;
    }
    if (stringp) {
        *stringp = stack_base;
    }

    for (i = 0; i < MAX_ARG_PAGES; i++) {
        if (bprm->page[i]) {
            info->rss++;
            if (!memcpy_to_target(stack_base, bprm->page[i],
                TARGET_PAGE_SIZE)) {
                errno = EFAULT;
                return -1;
            }
            g_free(bprm->page[i]);
        }
        stack_base += TARGET_PAGE_SIZE;
    }

    return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */
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-- Wolfgang Denk

/* XXX NetBSD dependent strace print functions */

/*

* Intel x86 specific prototypes for bsd-user

*

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*/

#ifndef _TARGET_ARCH_H_

#define _TARGET_ARCH_H_

/* target_arch_cpu.c */

```
void bsd_i386_write_dt(void *ptr, unsigned long addr, unsigned long limit,
    int flags);
void bsd_i386_set_idt(int n, unsigned int dpl);
void bsd_i386_set_idt_base(uint64_t
    base);
```

```
#define target_cpu_set_tls(env, newtls)
```

```
#endif /* !_TARGET_ARCH_H_ */
```

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```
#ifndef _TARGET_OS_SIGNAL_H_
#define _TARGET_OS_SIGNAL_H_
```

```
/* FreeBSD's sys/ucontext.h defines this */
#define TARGET_MC_GET_CLEAR_RET 0x0001
```

```
#include "target_os_siginfo.h"
#include "target_arch_signal.h"
```

```
/* Compare to sys/signal.h */
#define TARGET_SIGHUP 1 /* hangup */
#define TARGET_SIGINT 2 /* interrupt */
#define TARGET_SIGQUIT 3 /* quit */
#define TARGET_SIGILL 4 /* illegal instruction (not reset when caught) */
#define TARGET_SIGTRAP 5 /* trace trap (not reset when caught) */
#define TARGET_SIGABRT 6 /* abort() */
#define TARGET_SIGIOT SIGABRT /* compatibility */
#define TARGET_SIGEMT 7 /* EMT instruction */
#define TARGET_SIGFPE 8 /* floating point exception */
#define TARGET_SIGKILL 9 /* kill (cannot be caught or ignored) */
#define TARGET_SIGBUS 10 /* bus error */
#define TARGET_SIGSEGV 11 /* segmentation violation */
#define TARGET_SIGSYS 12 /* bad argument to system call */
#define TARGET_SIGPIPE
```



```

13  /* write on a pipe with no one to read it */
#define TARGET_SIGALRM 14  /* alarm clock */
#define TARGET_SIGTERM 15  /* software termination signal from kill */
#define TARGET_SIGURG 16  /* urgent condition on IO channel */
#define TARGET_SIGSTOP 17  /* sendable stop signal not from tty */
#define TARGET_SIGTSTP 18  /* stop signal from tty */
#define TARGET_SIGCONT 19  /* continue a stopped process */
#define TARGET_SIGCHLD 20  /* to parent on child stop or exit */
#define TARGET_SIGTTIN 21  /* to readers pgrp upon background tty read */
#define TARGET_SIGTTOU 22  /* like TTIN for output if(tp->t_local&LTOSTOP)*/
#define TARGET_SIGIO 23  /* input/output possible signal */
#define TARGET_SIGXCPU 24  /* exceeded CPU time limit */
#define TARGET_SIGXFSZ 25  /* exceeded file size limit */
#define TARGET_SIGVTALRM 26 /* virtual time alarm */
#define TARGET_SIGPROF 27  /* profiling time alarm */
#define TARGET_SIGWINCH 28
/* window size changes */
#define TARGET_SIGINFO 29  /* information request */
#define TARGET_SIGUSR1 30  /* user defined signal 1 */
#define TARGET_SIGUSR2 31  /* user defined signal 2 */
#define TARGET_SIGTHR 32  /* reserved by thread library */
#define TARGET_SIGLWP SIGTHR /* compatibility */
#define TARGET_SIGLIBRT 33 /* reserved by the real-time library */
#define TARGET_SIGRTMIN 65
#define TARGET_SIGRTMAX 126

/*
 * Language spec says we must list exactly one parameter, even though we
 * actually supply three. Ugh!
 */
#define TARGET_SIG_DFL ((abi_long)0) /* default signal handling */
#define TARGET_SIG_IGN ((abi_long)1) /* ignore signal */
#define TARGET_SIG_ERR ((abi_long)-1) /* error return from signal */

#define TARGET_SA_ONSTACK 0x0001 /* take signal on signal stack */
#define TARGET_SA_RESTART 0x0002 /* restart system on signal return */
#define TARGET_SA_RESETHAND 0x0004 /* reset to SIG_DFL when taking signal */
#define TARGET_SA_NODEFER
    0x0010 /* don't mask the signal we're delivering */
#define TARGET_SA_NOCLDWAIT 0x0020 /* don't create zombies (assign to pid 1) */
#define TARGET_SA_USERTRAMP 0x0100 /* do not bounce off kernel's sigtramp */
#define TARGET_SA_NOCLDSTOP 0x0008 /* do not generate SIGCHLD on child stop */
#define TARGET_SA_SIGINFO 0x0040 /* generate siginfo_t */

/*
 * Flags for sigprocmask:
 */
#define TARGET_SIG_BLOCK 1 /* block specified signal set */

```

```
#define TARGET_SIG_UNBLOCK    2 /* unblock specified signal set */
#define TARGET_SIG_SETMASK    3 /* set specified signal set */

#define TARGET_BADSIG         SIG_ERR

/*
 * sigaltstack control
 */
#define TARGET_SS_ONSTACK 0x0001 /* take signals on alternate stack */
#define TARGET_SS_DISABLE 0x0004 /* disable taking signals on alternate stack*/

#endif /* !_TARGET_OS_SIGNAL_H_ */
This is the software license for Capstone disassembly framework.
Capstone has been designed & implemented by Nguyen Anh Quynh <aquynh@gmail.com>
```

See <http://www.capstone-engine.org> for further information.

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- ```
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 * FreeBSD amd64 register structures
 */
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```

```

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*/

```

```

#ifndef _TARGET_ARCH_REG_H_
#define _TARGET_ARCH_REG_H_

```

```

/* See sys/amd64/include/reg.h */

```

```

typedef struct target_reg {
 uint64_t r_r15;
 uint64_t r_r14;
 uint64_t r_r13;
 uint64_t r_r12;
 uint64_t
 r_r11;
 uint64_t r_r10;
 uint64_t r_r9;
 uint64_t r_r8;
 uint64_t r_rdi;
 uint64_t r_rsi;
 uint64_t r_rbp;
 uint64_t r_rbx;
 uint64_t r_rdx;
 uint64_t r_rcx;
 uint64_t r_rax;
 uint32_t r_trapno;
 uint16_t r_fs;
 uint16_t r_gs;
 uint32_t r_err;
 uint16_t r_es;
 uint16_t r_ds;
 uint64_t r_rip;
 uint64_t r_cs;
 uint64_t r_rflags;
 uint64_t r_rsp;
 uint64_t r_ss;

```

```

} target_reg_t;

typedef struct target_fpreg {
 uint64_t fpr_env[4];
 uint8_t fpr_acc[8][16];
 uint8_t fpr_xacc[16][16];
 uint64_t fpr_spare[12];
} target_fpreg_t;

static inline void target_copy_regs(target_reg_t *regs, const CPUX86State *env)
{
 regs->r_r15 = env->regs[15];
 regs->r_r14 = env->regs[14];
 regs->r_r13 = env->regs[13];
 regs->r_r12 = env->regs[12];
 regs->r_r11 = env->regs[11];
 regs->r_r10 = env->regs[10];
 regs->r_r9 = env->regs[9];
 regs->r_r8 = env->regs[8];
 regs->r_rdi = env->regs[R_EDI];
 regs->r_rsi = env->regs[R_ESI];
 regs->r_rbp = env->regs[R_EBP];
 regs->r_rbx = env->regs[R_EBX];
 regs->r_rdx = env->regs[R_EDX];
 regs->r_rcx = env->regs[R_ECX];
 regs->r_rax = env->regs[R_EAX];
 /* regs->r_trapno = env->regs[R_TRAPNO]; XXX */
 regs->r_fs = env->segs[R_FS].selector & 0xffff;
 regs->r_gs = env->segs[R_GS].selector & 0xffff;
 regs->r_err = env->error_code; /* XXX ? */
 regs->r_es = env->segs[R_ES].selector & 0xffff;
 regs->r_ds = env->segs[R_DS].selector & 0xffff;
 regs->r_rip = env->eip;
 regs->r_cs = env->segs[R_CS].selector & 0xffff;
 regs->r_rflags = env->eflags;
 regs->r_rsp = env->regs[R_ESP];
 regs->r_ss = env->segs[R_SS].selector & 0xffff;
}

#endif /* !_TARGET_ARCH_REG_H_ */
#ifndef _TARGET_OS_SIGNAL_H_
#define _TARGET_OS_SIGNAL_H_

#include "target_os_siginfo.h"
#include "target_arch_signal.h"

#define TARGET_SIGHUP 1 /* hangup */

```

```

#define TARGET_SIGINT 2 /* interrupt */
#define TARGET_SIGQUIT 3 /* quit */
#define TARGET_SIGILL 4 /* illegal instruction (not reset when caught) */
#define TARGET_SIGTRAP 5 /* trace trap (not reset when caught) */
#define TARGET_SIGABRT 6 /* abort() */
#define TARGET_SIGIOT SIGABRT /* compatibility */
#define TARGET_SIGEMT 7 /* EMT instruction */
#define TARGET_SIGFPE 8 /* floating point exception */
#define TARGET_SIGKILL 9 /* kill (cannot be caught or ignored) */
#define TARGET_SIGBUS 10 /* bus error */
#define TARGET_SIGSEGV 11 /* segmentation violation */
#define TARGET_SIGSYS 12 /* bad argument to system call */
#define TARGET_SIGPIPE 13 /* write on a pipe with no one to read it */
#define TARGET_SIGALRM 14 /* alarm clock */
#define TARGET_SIGTERM
15 /* software termination signal from kill */
#define TARGET_SIGURG 16 /* urgent condition on IO channel */
#define TARGET_SIGSTOP 17 /* sendable stop signal not from tty */
#define TARGET_SIGTSTP 18 /* stop signal from tty */
#define TARGET_SIGCONT 19 /* continue a stopped process */
#define TARGET_SIGCHLD 20 /* to parent on child stop or exit */
#define TARGET_SIGTTIN 21 /* to readers pgrp upon background tty read */
#define TARGET_SIGTTOU 22 /* like TTIN for out if (tp->t_local<OSTOP) */
#define TARGET_SIGIO 23 /* input/output possible signal */
#define TARGET_SIGXCPU 24 /* exceeded CPU time limit */
#define TARGET_SIGXFSZ 25 /* exceeded file size limit */
#define TARGET_SIGVTALRM 26 /* virtual time alarm */
#define TARGET_SIGPROF 27 /* profiling time alarm */
#define TARGET_SIGWINCH 28 /* window size changes */
#define TARGET_SIGINFO 29 /* information request */
#define TARGET_SIGUSR1 30 /*
 user defined signal 1 */
#define TARGET_SIGUSR2 31 /* user defined signal 2 */

/*
* Language spec says we must list exactly one parameter, even though we
* actually supply three. Ugh!
*/
#define TARGET_SIG_DFL ((void (*)(int))0)
#define TARGET_SIG_IGN ((void (*)(int))1)
#define TARGET_SIG_ERR ((void (*)(int))-1)

#define TARGET_SA_ONSTACK 0x0001 /* take signal on signal stack */
#define TARGET_SA_RESTART 0x0002 /* restart system on signal return */
#define TARGET_SA_RESETHAND 0x0004 /* reset to SIG_DFL when taking signal */
#define TARGET_SA_NODEFER 0x0010 /* don't mask the signal we're delivering */
#define TARGET_SA_NOCLDWAIT 0x0020 /* don't create zombies (assign to pid 1) */
#define TARGET_SA_USERTRAMP 0x0100 /* do not bounce off kernel's sigtramp */

```

```

#define TARGET_SA_NOCLDSTOP 0x0008 /* do not generate SIGCHLD on child stop */
#define TARGET_SA_SIGINFO 0x0040 /* generate siginfo_t */

/*
 * Flags for sigprocmask:
 */
#define TARGET_SIG_BLOCK
 1 /* block specified signal set */
#define TARGET_SIG_UNBLOCK 2 /* unblock specified signal set */
#define TARGET_SIG_SETMASK 3 /* set specified signal set */

#define TARGET_BADSIG SIG_ERR

#define TARGET_SS_ONSTACK 0x0001 /* take signals on alternate stack */
#define TARGET_SS_DISABLE 0x0004 /* disable taking signals on alternate stack */

#endif /* !_TARGET_OS_SIGNAL_H_ */
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```

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/\*

\* x86\_64 signal definitions

\*

```

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*/

#ifndef _TARGET_ARCH_SIGNAL_H_
#define _TARGET_ARCH_SIGNAL_H_

#include "cpu.h"

/* Size of the signal trampoline code placed on the stack. */
#define TARGET_SZSIGCODE 0

/* compare to x86/include/_limits.h */
#define TARGET_MINSIGSTKSZ (512 * 4) /* min sig stack size */
#define TARGET_SIGSTKSZ
(MINSIGSTKSZ + 32768) /* recommended size */

struct target_sigcontext {
 /* to be added */
};

typedef struct target_mcontext {
} target_mcontext_t;

typedef struct target_ucontext {
 target_sigset_t uc_sigmask;
 target_mcontext_t uc_mcontext;
 abi_ulong uc_link;
 target_stack_t uc_stack;
 int32_t uc_flags;
 int32_t __spare__[4];
} target_ucontext_t;

struct target_sigframe {
 abi_ulong sf_signum;
 abi_ulong sf_siginfo; /* code or pointer to sf_si */
 abi_ulong sf_ucontext; /* points to sf_uc */
 abi_ulong sf_addr; /* undocumented 4th arg */

```

```

target_ucontext_t sf_uc; /* = *sf_uncontext */
target_siginfo_t sf_si; /* = *sf_siginfo (SA_SIGINFO case)*/
uint32_t __spare__[2];
};

/*
* Compare to amd64/amd64/machdep.c sendsig()
* Assumes that target stack frame memory is locked.
*/
static inline abi_long set_sigtramp_args(CPUX86State *regs,
 int sig, struct target_sigframe
 *frame, abi_ulong frame_addr,
 struct target_sigaction *ka)
{
 /* XXX return -TARGET_EOPNOTSUPP; */
 return 0;
}

/* Compare to amd64/amd64/machdep.c get_mcontext() */
static inline abi_long get_mcontext(CPUX86State *regs,
 target_mcontext_t *mcp, int flags)
{
 /* XXX */
 return -TARGET_EOPNOTSUPP;
}

/* Compare to amd64/amd64/machdep.c set_mcontext() */
static inline abi_long set_mcontext(CPUX86State *regs,
 target_mcontext_t *mcp, int srflag)
{
 /* XXX */
 return -TARGET_EOPNOTSUPP;
}

static inline abi_long get_ucontext_sigreturn(CPUX86State *regs,
 abi_ulong target_sf, abi_ulong *target_uc)
{
 /* XXX */
 *target_uc = 0;
 return -TARGET_EOPNOTSUPP;
}

#endif /* !TARGET_ARCH_SIGNAL_H_ */
/*
* mips64 system call definitions
*
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```

```

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*/

#ifndef _MIPS64_SYSCALL_H_
#define _MIPS64_SYSCALL_H_

/*
* struct target_pt_regs defines the way the registers are stored on the stack
* during a system call.
*/

struct target_pt_regs {
 /* Saved main processor registers. */
 abi_ulong regs[32];

 /* Saved special registers. */
 abi_ulong
 cp0_status;
 abi_ulong lo;
 abi_ulong hi;
 abi_ulong cp0_badvaddr;
 abi_ulong cp0_cause;
 abi_ulong cp0_epc;
};

#if defined(TARGET_WORDS_BIGENDIAN)
#define UNAME_MACHINE "mips64"
#else
#define UNAME_MACHINE "mips64el"
#endif

#define TARGET_HW_MACHINE "mips"
#define TARGET_HW_MACHINE_ARCH UNAME_MACHINE

/* sysarch() commands */
#define TARGET_MIPS_SET_TLS 1
#define TARGET_MIPS_GET_TLS 2

```

#endif /\* !\_MIPS64\_SYSCALL\_H\_ \*/

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```
make bin/rtl8139.rom.licence
```

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-- Wolfgang Denk

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/\*

\* i386 dependent signal definitions

\*

\*

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\*/

#ifndef TARGET\_ARCH\_SIGNAL\_H

#define TARGET\_ARCH\_SIGNAL\_H

#include "cpu.h"

/\* Size of the signal trampoline code placed on the stack. \*/

#define TARGET\_SZSIGCODE 0

/\* compare to x86/include/\_limits.h \*/

#define TARGET\_MINSIGSTKSZ (512 \* 4) /\* min sig stack size \*/

```

#define TARGET_SIGSTKSZ
 (MINSIGSTKSZ + 32768) /* recommended size */

struct target_sigcontext {
 /* to be added */
};

typedef struct target_mcontext {
} target_mcontext_t;

typedef struct target_ucontext {
 target_sigset_t uc_sigmask;
 target_mcontext_t uc_mcontext;
 abi_ulong uc_link;
 target_stack_t uc_stack;
 int32_t uc_flags;
 int32_t __spare__[4];
} target_ucontext_t;

struct target_sigframe {
 abi_ulong sf_signum;
 abi_ulong sf_siginfo; /* code or pointer to sf_si */
 abi_ulong sf_ucontext; /* points to sf_uc */
 abi_ulong sf_addr; /* undocumented 4th arg */
 target_ucontext_t sf_uc; /* = *sf_ucontext */
 target_siginfo_t sf_si; /* = *sf_siginfo (SA_SIGINFO case) */
 uint32_t __spare__[2];
};

/*
 * Compare to i386/i386/machdep.c sendsig()
 * Assumes that target stack frame memory is locked.
 */
static inline abi_long set_sigtramp_args(CPUX86State *regs,
 int sig, struct target_sigframe
 *frame, abi_ulong frame_addr,
 struct target_sigaction *ka)
{
 /* XXX return -TARGET_EOPNOTSUPP; */
 return 0;
}

/* Compare to i386/i386/machdep.c get_mcontext() */
static inline abi_long get_mcontext(CPUX86State *regs,
 target_mcontext_t *mcp, int flags)
{
 /* XXX */
 return -TARGET_EOPNOTSUPP;
}

```

```

}

/* Compare to i386/i386/machdep.c set_mcontext() */
static inline abi_long set_mcontext(CPUX86State *regs,
 target_mcontext_t *mcp, int srflag)
{
 /* XXX */
 return -TARGET_EOPNOTSUPP;
}

static inline abi_long get_ucontext_sigreturn(CPUX86State *regs,
 abi_ulong target_sf, abi_ulong *target_uc)
{
 /* XXX */
 *target_uc = 0;
 return -TARGET_EOPNOTSUPP;
}

#endif /* TARGET_ARCH_SIGNAL_H */

/*
 * i386 VM parameters definitions
 *
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 */
#ifndef _TARGET_ARCH_VMPARAM_H_
#define _TARGET_ARCH_VMPARAM_H_

#include "cpu.h"

/* compare to i386/include/vmparam.h */
#define TARGET_MAXTSIZ (128 * MiB) /* max text size */
#define TARGET_DFLDSIZ (128 * MiB) /* initial data size limit
 */
#define TARGET_MAXDSIZ (512 * MiB) /* max data size */
#define TARGET_DFLSSIZ (8 * MiB) /* initial stack size limit */

```



```

#define TARGET_MAXSSIZ (64 * MiB) /* max stack size */
#define TARGET_SGROWSIZ (128 * KiB) /* amount to grow stack */

#define TARGET_RESERVED_VA 0xf7000000

#define TARGET_USRSTACK (0xbfc00000)

static inline abi_ulong get_sp_from_cpustate(CPUX86State *state)
{
 return state->regs[R_ESP];
}

static inline void set_second_rval(CPUX86State *state, abi_ulong retval2)
{
 state->regs[R_EDX] = retval2;
}

#endif /* !_TARGET_ARCH_VMPARAM_H_ */

```

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```
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under certain conditions; type `show c' for details.
```

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```
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```

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

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```
/*
```

```
* Intel x86_64 specific prototypes for bsd-user
```

```
*
```

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*
```

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```
#ifndef _TARGET_ARCH_H_
#define _TARGET_ARCH_H_
```

```
/* target_arch_cpu.c */
void bsd_x86_64_write_dt(void *ptr, unsigned long addr, unsigned long limit,
 int flags);
void bsd_x86_64_set_idt(int n, unsigned int dpl);
void bsd_x86_64_set_idt_base(uint64_t
 base);
```

```
#define target_cpu_set_tls(env, newtls)
```

```
#endif /* !_TARGET_ARCH_H_ */
```

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```
#ifndef BSD_USER_ARCH_SYSCALL_H_
#define BSD_USER_ARCH_SYSCALL_H_
```

```
struct target_pt_regs {
 abi_long uregs[17];
};
```

```
#define ARM_cpsr uregs[16]
#define ARM_pc uregs[15]
#define ARM_lr uregs[14]
#define ARM_sp uregs[13]
#define ARM_ip uregs[12]
#define ARM_fp uregs[11]
#define ARM_r10 uregs[10]
#define ARM_r9 uregs[9]
#define ARM_r8 uregs[8]
#define ARM_r7 uregs[7]
#define ARM_r6 uregs[6]
#define ARM_r5 uregs[5]
#define ARM_r4 uregs[4]
#define ARM_r3 uregs[3]
#define ARM_r2 uregs[2]
```

```
#define ARM_r1 uregs[1]
#define ARM_r0 uregs[0]

#define ARM_SYSCALL_BASE 0 /* XXX: FreeBSD only */

#define TARGET_FREEBSD_ARM_SYNC_ICACHE 0
#define TARGET_FREEBSD_ARM_DRAIN_WRITEBUF 1
#define TARGET_FREEBSD_ARM_SET_TP 2
#define TARGET_FREEBSD_ARM_GET_TP 3
```

```
#define TARGET_HW_MACHINE "arm"
#define TARGET_HW_MACHINE_ARCH "armv6"
```

```
#endif /* !BSD_USER_ARCH_SYSCALL_H_ */
```

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```
#ifndef _HOST_OS_H_
#define _HOST_OS_H_
```

```
#define HOST_DEFAULT_BSD_TYPE target_freebsd
```

```
#endif /* !_HOST_OS_H_ */
```

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```
/*
```

```
* openbsd ELF definitions
```

```
*
```

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```
#ifndef _TARGET_OS_ELF_H_
#define _TARGET_OS_ELF_H_
```

```
#include "target_arch_elf.h"
#include "elf.h"
```

```
/* this flag is ineffective under linux too, should be deleted */
#ifndef MAP_DENYWRITE
#define MAP_DENYWRITE 0
#endif
```

```
/* should probably go in elf.h */
#ifndef ELIBBAD
#define
 ELIBBAD 80
#endif
```

```
#ifndef ELF_PLATFORM
#define ELF_PLATFORM (NULL)
#endif
```

```
#ifndef ELF_HWCAP
#define ELF_HWCAP 0
#endif
```

```
#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif
```

```
/* max code+data+bss space allocated to elf interpreter */
#define INTERP_MAP_SIZE (32 * 1024 * 1024)
```

```
/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)
```

```
/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
```

```

~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 12

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,
 abi_ulong stringp,
 struct elfhdr *exec,
 abi_ulong load_addr,
 abi_ulong load_bias,
 abi_ulong interp_load_addr,
 struct image_info *info)
{
 abi_ulong sp;
 int size;
 abi_ulong u_platform;
 const char *k_platform;
 const int n = sizeof(elf_addr_t);

 sp = p;
 u_platform = 0;
 k_platform = ELF_PLATFORM;
 if (k_platform) {
 size_t len = strlen(k_platform) + 1;
 sp -= (len + n - 1) & ~(n - 1);
 u_platform = sp;
 /* FIXME - check return value of memcpy_to_target() for failure */
 memcpy_to_target(sp, k_platform, len);
 }
 /*
 * Force 16 byte _final_ alignment here for generality.
 */
 sp = sp & ~(abi_ulong)15;
 size = (DLINFO_ITEMS + 1) * 2;
 if (k_platform) {
 size += 2;
 }
#ifdef DLINFO_ARCH_ITEMS
 size += DLINFO_ARCH_ITEMS *
2;
#endif
 size += envc + argc + 2;
 size += 1; /* argc itself */
 size *= n;
 if (size & 15) {
 sp -= 16 - (size & 15);
 }
}

```

```

/*
 * OpenBSD defines elf_addr_t as Elf32_Off / Elf64_Off
 */

#define NEW_AUX_ENT(id, val) do { \
 sp -= n; put_user_ual(val, sp); \
 sp -= n; put_user_ual(id, sp); \
} while (0)

NEW_AUX_ENT(AT_NULL, 0);

/* There must be exactly DLINFO_ITEMS entries here. */
NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
NEW_AUX_ENT(AT_UID,
(abi_ulong)getuid());
NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
NEW_AUX_ENT(AT_HWCAP, (abi_ulong)ELF_HWCAP);
NEW_AUX_ENT(AT_CLKTCK, (abi_ulong)sysconf(_SC_CLK_TCK));
if (k_platform) {
 NEW_AUX_ENT(AT_PLATFORM, u_platform);
}
#endif ARCH_DLINFO
/*
 * ARCH_DLINFO must come last so platform specific code can enforce
 * special alignment requirements on the AUXV if necessary (eg. PPC).
 */
ARCH_DLINFO;
#endif
#undef NEW_AUX_ENT

 sp = loader_build_argptr(envc, argc, sp, stringp);
 return sp;
}

#endif /* _TARGET_OS_ELF_H_ */
/*
 * Intel x86_64 sigcode for bsd-user
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*/

```

```

#ifndef _TARGET_ARCH_SIGTRAMP_H_
#define _TARGET_ARCH_SIGTRAMP_H_

```

```

static inline abi_long setup_sigtramp(abi_ulong offset, unsigned sigf_uc,
 unsigned sys_sigreturn)

```

```

{

```

```

 return 0;

```

```

}

```

```

#endif /* _TARGET_ARCH_SIGTRAMP_H_ */

```

```

/*

```

```

* NetBSD thread dependent code and definitions

```

```

*

```

```

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```

```

*

```

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```

```

*/

```

```

#ifndef _TARGET_OS_THREAD_H_

```

```

#define _TARGET_OS_THREAD_H_

```

```

#include "target_arch_thread.h"

```

```

#endif /* !_TARGET_OS_THREAD_H_ */

```

```

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 * NetBSD host dependent code and definitions
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 */

#ifndef _HOST_OS_H_
#define _HOST_OS_H_

#define HOST_DEFAULT_BSD_TYPE target_netbsd

#endif /* !_HOST_OS_H_ */

/*
 * i386 thread support
 *
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 */

#ifndef _TARGET_ARCH_THREAD_H_
#define _TARGET_ARCH_THREAD_H_

/* Compare to vm_machdep.c cpu_set_upcall_kse() */
static inline void target_thread_set_upcall(CPUX86State *regs, abi_ulong entry,

```

```

 abi_ulong arg, abi_ulong stack_base, abi_ulong stack_size)
{
 /* XXX */
}

static
inline void target_thread_init(struct target_pt_regs *regs,
 struct image_info *infop)
{
 regs->esp = infop->start_stack;
 regs->eip = infop->entry;

 /*
 * SVR4/i386 ABI (pages 3-31, 3-32) says that when the program starts %edx
 * contains a pointer to a function which might be registered using
 * `atexit'. This provides a mean for the dynamic linker to call DT_FINI
 * functions for shared libraries that have been loaded before the code
 * runs.
 *
 * A value of 0 tells we have no such handler.
 */
 regs->edx = 0;
}

#endif /* !_TARGET_ARCH_THREAD_H_ */
/*
 * sys/user.h definitions
 *
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 */

#ifndef _TARGET_OS_USER_H_
#define _TARGET_OS_USER_H_

/*

```

```

* from sys/priority.h
*/
struct target_priority {
 uint8_t pri_class; /* Scheduling class. */
 uint8_t pri_level; /* Normal priority level. */
 uint8_t pri_native;
 /* Priority before propogation. */
 uint8_t pri_user; /* User priority based on p_cpu and p_nice. */
};

/*
* sys/caprights.h
*/
#define TARGET_CAP_RIGHTS_VERSION 0

typedef struct target_cap_rights {
 uint64_t cr_rights[TARGET_CAP_RIGHTS_VERSION + 2];
} target_cap_rights_t;

/*
* From sys/_socketaddr_storage.h
*
*/
#define TARGET_SS_MAXSIZE 128U
#define TARGET_SS_ALIGNSIZE (sizeof(__int64_t))
#define TARGET_SS_PAD1SIZE (TARGET_SS_ALIGNSIZE - sizeof(unsigned char) - \
 sizeof(uint8_t))
#define TARGET_SS_PAD2SIZE (TARGET_SS_MAXSIZE - sizeof(unsigned char) - \
 sizeof(uint8_t) - TARGET_SS_PAD1SIZE - TARGET_SS_ALIGNSIZE)

struct target_sockaddr_storage {
 unsigned char ss_len; /* address length */
 uint8_t ss_family; /* address family */
 char __ss_pad1[TARGET_SS_PAD1SIZE];
 __int64_t __ss_align; /* force desired struct alignment */
 char __ss_pad2[TARGET_SS_PAD2SIZE];
};

/*
* from sys/user.h
*/
#define TARGET_KI_NSPPARE_INT 2
#define TARGET_KI_NSPPARE_LONG 12
#define TARGET_KI_NSPPARE_PTR 6

#define TARGET_WMESGLEN 8
#define TARGET_LOCKNAMELEN 8
#define TARGET_TDNAMELEN 16

```

```

#define TARGET_COMMLEN 19
#define TARGET_KI_EMULNAMELEN 16
#define TARGET_KI_NGROUPS 16
#define TARGET_LOGNAMELEN 17
#define TARGET_LOGINCLASSLEN 17

#define TARGET_KF_TYPE_NONE 0
#define TARGET_KF_TYPE_VNODE 1
#define TARGET_KF_TYPE_SOCKET 2
#define TARGET_KF_TYPE_PIPE 3
#define TARGET_KF_TYPE_FIFO 4
#define TARGET_KF_TYPE_KQUEUE 5
#define TARGET_KF_TYPE_CRYPT0 6
#define TARGET_KF_TYPE_MQUEUE 7
#define TARGET_KF_TYPE_SHM 8
#define TARGET_KF_TYPE_SEM 9
#define TARGET_KF_TYPE_PTS 10
#define TARGET_KF_TYPE_PROCDESC 11
#define TARGET_KF_TYPE_DEV 12
#define TARGET_KF_TYPE_UNKNOWN 255

struct
target_kinfo_proc {
 int32_t ki_structsize; /* size of this structure */
 int32_t ki_layout; /* reserved: layout identifier */
 abi_ulong ki_args; /* address of command arguments */
 abi_ulong ki_paddr; /* address of proc */
 abi_ulong ki_addr; /* kernel virtual addr of u-area */
 abi_ulong ki_tracep; /* pointer to trace file */
 abi_ulong ki_textvp; /* pointer to executable file */
 abi_ulong ki_fd; /* pointer to open file info */
 abi_ulong ki_vmspace; /* pointer to kernel vmspace struct */
 abi_ulong ki_wchan; /* sleep address */
 int32_t ki_pid; /* Process identifier */
 int32_t ki_ppid; /* parent process id */
 int32_t ki_pgid; /* process group id */
 int32_t ki_tpgid; /* tty process group id */
 int32_t ki_sid; /* Process session ID
 */
 int32_t ki_tsid; /* Terminal session ID */
 int16_t ki_jobc; /* job control counter */
 int16_t ki_spare_short1; /* unused (just here for alignment) */
 int32_t ki_tdev__freebsd11; /* controlling tty dev */
 target_sigset_t ki_siglist; /* Signals arrived but not delivered */
 target_sigset_t ki_sigmask; /* Current signal mask */
 target_sigset_t ki_sigignore; /* Signals being ignored */
 target_sigset_t ki_sigcatch; /* Signals being caught by user */

```



```

int32_t ki_uid; /* effective user id */
int32_t ki_ruid; /* Real user id */
int32_t ki_svuid; /* Saved effective user id */
int32_t ki_rgid; /* Real group id */
int32_t ki_svgid; /* Saved effective group id */
int16_t ki_ngroups; /* number of groups */
int16_t ki_spare_short2; /* unused (just here for alignment) */
int32_t ki_groups[TARGET_KI_NGROUPS];
/* groups */

abi_long ki_size; /* virtual size */

abi_long ki_rssize; /* current resident set size in pages */
abi_long ki_swrss; /* resident set size before last swap */
abi_long ki_tsize; /* text size (pages) XXX */
abi_long ki_dsize; /* data size (pages) XXX */
abi_long ki_ssize; /* stack size (pages) */

uint16_t ki_xstat; /* Exit status for wait & stop signal */
uint16_t ki_acflag; /* Accounting flags */

uint32_t ki_pctcpu; /* %cpu for process during ki_swtime */

uint32_t ki_estcpu; /* Time averaged value of ki_cpticks */
uint32_t ki_slptime; /* Time since last blocked */
uint32_t ki_swtime; /* Time swapped in or out */
uint32_t ki_cow; /* number of copy-on-write faults */
uint64_t ki_runtime; /* Real time in microsec */

struct target_freebsd_timeval ki_start; /* starting time */
struct target_freebsd_timeval ki_childtime; /* time used by process children */

abi_long ki_flag; /* P_* flags */
abi_long ki_kiflag; /* KI_* flags (below) */
int32_t ki_traceflag; /* Kernel trace points */
char ki_stat; /* S* process status */
int8_t ki_nice; /* Process "nice" value */
char ki_lock; /* Process lock (prevent swap) count */
char ki_rqindex; /* Run queue index */
u_char ki_oncpu_old; /* Which cpu we are on (legacy) */
u_char ki_lastcpu_old; /* Last cpu we were on (legacy) */
char ki_tname[TARGET_TDNAMELEN + 1]; /* thread name */
char ki_wmesg[TARGET_WMESGLEN + 1]; /* wchan message */
char ki_login[TARGET_LOGNAMELEN + 1]; /* setlogin name */
char ki_lockname[TARGET_LOCKNAMELEN + 1]; /* lock name */

```

```

char ki_comm[TARGET_COMMLEN + 1]; /* command name */
char ki_emul[TARGET_KI_EMULNAMELEN + 1]; /* emulation name */
char ki_loginclass[TARGET_LOGINCLASSLEN + 1]; /* login class */

char ki_sparestrings[50]; /* spare string space */
int32_t ki_spareints[TARGET_KI_NSPARE_INT]; /* spare room for growth */
uint64_t ki_tdev; /* controlling tty dev */
int32_t ki_oncpu; /* Which cpu we are on */
int32_t ki_lastcpu; /* Last cpu we were on */
int32_t ki_tracer; /* Pid of tracing process */
int32_t ki_flag2; /* P2_ flags */
int32_t ki_fibnum; /* Default FIB number */
uint32_t ki_cr_flags; /* Credential flags */
int32_t ki_jid; /* Process jail ID */
int32_t ki_numthreads; /* XXXKSE number of threads in total */

int32_t ki_tid; /* XXXKSE thread id */

struct target_priority ki_pri;
/* process priority */
struct target_freebsd_rusage ki_rusage; /* process rusage statistics */
/* XXX - most fields in ki_rusage_ch are not (yet) filled in */
struct target_freebsd_rusage ki_rusage_ch; /* rusage of children processes */

abi_ulong ki_pcb; /* kernel virtual addr of pcb */
abi_ulong ki_kstack; /* kernel virtual addr of stack */
abi_ulong ki_udata; /* User convenience pointer */
abi_ulong ki_tdaddr; /* address of thread */

abi_ulong ki_spareptrs[TARGET_KI_NSPARE_PTR]; /* spare room for growth */
abi_long ki_sparelongs[TARGET_KI_NSPARE_LONG]; /* spare room for growth */
abi_long ki_sflag; /* PS_ flags */
abi_long ki_tdfld; /* XXXKSE kthread flag */
};

struct target_kinfo_file {
 int32_t kf_structsize; /* Variable size of record. */
 int32_t kf_type; /* Descriptor type. */
 int32_t kf_fd; /* Array index. */
 int32_t kf_ref_count;
 /* Reference count. */
 int32_t kf_flags; /* Flags. */
 int32_t kf_pad0; /* Round to 64 bit alignment. */
 int64_t kf_offset; /* Seek location. */
 union {
 struct {
 uint32_t kf_spareint;

```

```

/* Socket domain. */
int kf_sock_domain0;
/* Socket type. */
int kf_sock_type0;
/* Socket protocol. */
int kf_sock_protocol0;
/* Socket address. */
struct sockaddr_storage kf_sa_local;
/* Peer address. */
struct sockaddr_storage kf_sa_peer;
/* Address of so_pcb. */
uint64_t kf_sock_pcb;
/* Address of inp_ppcb. */
uint64_t kf_sock_inpcb;
/* Address of unp_conn. */
uint64_t kf_sock_unpconn;
/* Send buffer state. */
uint16_t kf_sock_snd_sb_state;
/* Receive buffer state. */
uint16_t kf_sock_rcv_sb_state;
/*
Round to 64 bit alignment. */
uint32_t kf_sock_pad0;
} kf_sock;
struct {
/* Vnode type. */
int kf_file_type;
/* Space for future use */
int kf_spareint[3];
uint64_t kf_spareint64[30];
/* Vnode filesystem id. */
uint64_t kf_file_fsid;
/* File device. */
uint64_t kf_file_rdev;
/* Global file id. */
uint64_t kf_file_fileid;
/* File size. */
uint64_t kf_file_size;
/* Vnode filesystem id, FreeBSD 11 compat. */
uint32_t kf_file_fsid_freebsd11;
/* File device, FreeBSD 11 compat. */
uint32_t kf_file_rdev_freebsd11;
/* File mode. */
uint16_t kf_file_mode;
/* Round to 64 bit alignment. */
uint16_t kf_file_pad0;
uint32_t kf_file_pad1;
} kf_file;

```

```

struct {
 uint32_t kf_spareint[4];
 uint64_t kf_spareint64[32];
 uint32_t kf_sem_value;
 uint16_t kf_sem_mode;
} kf_sem;
struct {
 uint32_t kf_spareint[4];
 uint64_t kf_spareint64[32];
 uint64_t kf_pipe_addr;
 uint64_t kf_pipe_peer;
 uint32_t kf_pipe_buffer_cnt;
 /* Round to 64 bit alignment. */
 uint32_t kf_pipe_pad0[3];
} kf_pipe;
struct {
 uint32_t kf_spareint[4];
 uint64_t kf_spareint64[32];
 uint32_t kf_pts_dev_freebsd11;
 uint32_t kf_pts_pad0;
 uint64_t kf_pts_dev;
 /* Round to 64 bit alignment. */
 uint32_t kf_pts_pad1[4];
} kf_pts;
struct {
 uint32_t kf_spareint[4];
 uint64_t kf_spareint64[32];
 int32_t kf_pid;
} kf_proc;
} kf_un;
uint16_t kf_status; /* Status flags. */
uint16_t kf_pad1; /* Round to 32 bit alignment. */
int32_t
_kf_ispare0; /* Space for more stuff. */
target_cap_rights_t kf_cap_rights; /* Capability rights. */
uint64_t _kf_cap_spare; /* Space for future cap_rights_t. */
/* Truncated before copyout in sysctl */
char kf_path[PATH_MAX]; /* Path to file, if any. */
};

struct target_kinfo_vmentry {
 int32_t kve_structsize; /* Variable size of record. */
 int32_t kve_type; /* Type of map entry. */
 uint64_t kve_start; /* Starting address. */
 uint64_t kve_end; /* Finishing address. */
 uint64_t kve_offset; /* Mapping offset in object */
 uint64_t kve_vn_fileid; /* inode number if vnode */
 uint32_t kve_vn_fsid_freebsd11; /* dev_t of vnode location */

```

```

int32_t kve_flags; /* Flags on map entry. */
int32_t kve_resident; /* Number of resident pages. */
int32_t kve_private_resident; /* Number of private pages. */
int32_t kve_protection; /* Protection bitmask. */
int32_t kve_ref_count; /* VM obj ref count. */

int32_t kve_shadow_count; /* VM obj shadow count. */
int32_t kve_vn_type; /* Vnode type. */
uint64_t kve_vn_size; /* File size. */
uint32_t kve_vn_rdev_freebsd11; /* Device id if device. */
uint16_t kve_vn_mode; /* File mode. */
uint16_t kve_status; /* Status flags. */
#if (__FreeBSD_version >= 1300501 && __FreeBSD_version < 1400000) || \
 __FreeBSD_version >= 1400009
union {
 uint64_t _kve_vn_fsid; /* dev_t of vnode location */
 uint64_t _kve_obj; /* handle of anon obj */
} kve_type_spec;
#define kve_vn_fsid kve_type_spec._kve_vn_fsid
#define kve_obj kve_type_spec._kve_obj
#else
 uint64_t kve_vn_fsid; /* dev_t of vnode location */
#endif
uint64_t kve_vn_rdev; /* Device id if device. */
int _kve_ispare[8]; /* Space for more stuff. */
/* Truncated before copyout in sysctl */
char kve_path[PATH_MAX]; /* Path to VM obj, if any. */
};

#endif /* !_TARGET_OS_USER_H_ */
TARGET_ARCH=i386
TARGET_XML_FILES= gdb-xml/i386-32bit.xml
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```

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John R. Hauser  
2018 January 20

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/\*

\* OpenBSD thread dependent code and definitions

```

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#ifndef _TARGET_OS_THREAD_H_
#define _TARGET_OS_THREAD_H_

#include "target_arch_thread.h"

#endif /* !_TARGET_OS_THREAD_H_ */

```

## 1.279 mdadm 4.2

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# 1.282 apr 1.7.2

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```
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```
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```

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```
* Based on libdl (dlfcn.c/dlfcn.h) which is
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```

From strings/apr\_strnatcmp.c,  
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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*
```

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# 1.283 linux-kernel 5.15.155

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

- \* loss of link, and correctly re-enable PHY when link is
- \* re-established. (put back CFG\_PHYIE)
- \*
- \* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
- \*
- \* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
- \*
- \* Linux driver for the IDT77201 NICStAR PCI ATM controller.
- \* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
- \* see init\_nicstar() for PHY initialization to change this. This driver
- \* expects the Linux ATM stack to support scatter-gather
- lists
- \* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
- \*
- \* Implementing minimal-copy of received data:
- \* IDT always receives data into a small buffer, then large buffers
- \* as needed. This means that data must always be copied to create
- \* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
- \* Fix is simple: make large buffers large enough to hold entire
- \* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then
- \* copy small buffer contents to head of large buffer.
- \* Trick is to avoid fragmenting Linux, due to need for a lot of large
- \* buffers. This is done by 2 things:
- \* 1) skb->destructor / skb->atm.recycle\_buffer
- \* combined, allow nicstar\_free\_rx\_skb to be called to
- \* recycle large data buffers
- \* 2) skb\_clone of received buffers
- \* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation
- \* details.
- \*
- \*
- \*
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\*

\* M. Welsh, 6 July 1996

\*

\*

\*/

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```

```
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```

```
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```

```
static inline int license_is_gpl_compatible(const char *license)
```

```
{
 return (strcmp(license, "GPL") == 0
 || strcmp(license, "GPL v2") == 0
 || strcmp(license, "GPL and additional rights") == 0
 || strcmp(license, "Dual BSD/GPL") == 0
 || strcmp(license, "Dual MIT/GPL") == 0
 || strcmp(license, "Dual MPL/GPL") == 0);
}
```

```
#endif
```

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 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x509\_trs.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_bcons.c  
 \*

/grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/pkcs8/p5\_pbev2.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x509spki.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_akeya.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_extku.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_akey.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_skey.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/pkcs8/pkcs8.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/pkcs8.h  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_prn.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/pkcs8/pkcs8\_x509.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x\_x509a.c  
 \*

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*
/ grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/delocate.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/is_boringssl.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/self_check/self_check.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs7/internal.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/forkunsafe.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/aes/internal.h
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// This file contains a constant-time implementation of AES, bitsliced with
// AES steps are evaluated in bitsliced form, stored in an |AES_NOHW_BATCH|.
// This
// stores |AES_NOHW_BATCH_SIZE| blocks in bitsliced order. For 64-bit words
// containing bitsliced blocks a, b, c, d, this would be as follows (vertical
// Observe that the distances between corresponding bits in bitsliced and
// the bitsliced and compact representations may be converted by transposing bits
// |aes_word_t| work equally for the bitsliced and compact words.
// specified, it is in bitsliced form.
// An AES_NOHW_SCHEDULE is an expanded bitsliced AES key schedule. It is
// |AES_NOHW_BATCH_SIZE| copies of the round key in bitsliced form.
// aes_nohw_transpose converts |batch| to and from bitsliced form. It divides

```

Found in path(s):

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\*

/grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/e\_os2.h

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/ssl/handoff.cc

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/hrss.h

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/scalar.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/tls/internal.h

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/div\_extra.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_fds.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_search.c  
\*  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_writev.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_parse\_ns\_reply.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_strerror.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_strerror.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_strdup.c

```
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_gethostbyaddr.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_mkquery.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_writev.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_llist.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_free_hostent.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares__read_line.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_expand_string.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_strcasecmp.c
*
```

```
/grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_getenv.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_create_query.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_strdup.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_llist.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_parse_ptr_reply.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_timeout.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_send.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_getenv.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_query.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_aesccm.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/cfb.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/gcm.c
*

```

```

* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/ofb.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/cbc.c

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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/internal.h
- \*

/grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/random.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/ex\_data.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/gcd.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/ex\_data.h  
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/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/graphcycles.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_wait.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/sterror.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_x86_arm_combined.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/format.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/uniform_helper.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/ostringstream.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/statusor.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/optional.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/output.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/thread_annotations.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/iostream_state_saver.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/functional/any_invocable.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/prefetch.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randn_slow.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_optional_access.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_gen_exception.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/numbers.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_split_internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/charconv.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/dynamic_annotations.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/discrete_distribution.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/casts.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/sysinfo.cc

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/kernel_timeout.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hash_function_defaults.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randn_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/parser.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/cleanup/cleanup.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_analysis.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_analysis.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/strip.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/nonsecure_base.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/functional/internal/any_invocable.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/unscaledcycleclock.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/beta_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/address_is_readable.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_crc.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/generate_real.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_x86-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/raw_logging.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/memutil.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_sequences.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_buffer.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randn_engine.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/get_current_time_chrono.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_cat.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_arm-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/per_thread_sem.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/stl_type_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128_no_intrinsic.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/hidden_ptr.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/civil_time.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/utf8.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_navigator.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/hash.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_info.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/output.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/throw_delegate.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/non_temporal_arm_intrinsics.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/char_map.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock_config.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/escaping.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/internal/optional.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_sequences.cc
*

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/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_generic-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/functional/bind_front.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/utf8.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/endian.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/graphcycles.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/arg.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_darwin.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/cpu_detect.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/clock.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/barrier.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status_payload_printer.cc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_ring_reader.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/internal/variant.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_reader.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/string_constant.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/random.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/per_thread_sem.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_win32.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/utility/utility.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_variant_access.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_non_temporal_memcpy.cc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/numbers.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/cleanup/internal/cleanup.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/dynamic_annotations.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/city.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/fast_uniform_bits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/algorithm/container.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/thread_identity.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/attributes.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_hwaes.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_flat.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/algorithm/algorithm.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_posix.inc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/pool_urbg.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/functional/internal/function_ref.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/flat_hash_set.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/damerau_levenshtein_distance.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/macros.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_reader.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_linux.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hash_policy_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/memory/memory.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/barrier.h

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*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/bernoulli_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/statusor.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/optimization.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/raw_logging.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/create_thread_identity.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_riscv-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/duration.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/time.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128.cc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128_have_intrinsic.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/profiling/internal/exponential_biased.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/identity.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/ascii.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/vdso_support.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/charconv.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hashtable_debug_hooks.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/elf_mem_image.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/log_uniform_int_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/low_level_scheduling.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/damerau_levenshtein_distance.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/stacktrace.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/ascii.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/vdso_support.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/hash.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/unscaledcycleclock_config.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/stringify_sink.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/float_conversion.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/wide_multiply.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/raw_hash_map.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/bind.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/blocking_counter.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/fast_type_id.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/pcg_engine.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/platform.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/poisson_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/thread_identity.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_round_keys.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_format.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/crc32c.cc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_cord_state.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/raw_hash_set.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_powerpc-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/memutil.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/symbolize.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/futex.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/city.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/functional/function_ref.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/scheduling_mode.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-
cpp/absl/container/internal/hashtablez_sampler_force_weak_definition.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randenv.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/address_is_readable.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_emscripTEN.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/throw_delegate.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/time.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/seed_material.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/per_thread_tls.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/cpu_detect.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/demangle.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/blocking_counter.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/span.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_emscripTEN-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/distributions.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_optional_access.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_akaros.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/float_conversion.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_wait.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_split.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_consume.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/bits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/internal/statusor_internal.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hashtablez_sampler.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_cord_state.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/policy_checks.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc32c.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/low_level_alloc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_update_scope.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/stringify_sink.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/internal/status_internal.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/variant.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/internal/representation.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/internal/span.h
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/sterror.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/raw_hash_set.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/constexpr_parser.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/options.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/notification.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_ring.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hashtablez_sampler.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/tsan_mutex_interface.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_hwaes.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/crc32c.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/low_level_hash.cc
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/match.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/common_policy_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/charconv_parse.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/match.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/uniform_real_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/internal/bits.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/const_init.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/has_absl_stringify.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/unscaledcycleclock.cc
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/ostringstream.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_unimplemented.inc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_update_tracker.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_memcpy_fallback.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_variant_access.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_memcpy.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/stacktrace_win32-inl.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_handle.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_slow.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_elf.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_cat.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/atomic_hook.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc32c_inline.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_memcpy_x86_64.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/bind.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/seed_material.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/compressed_tuple.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/stacktrace.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_ring.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_functions.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/errno_saver.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/low_level_alloc.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_replace.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_join.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/charconv_bigint.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock.cc
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/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/substitute.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/meta/type_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_detect.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/extension.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_win32.inc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/thread_annotations.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/fastmath.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_crc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_join_internal.h
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/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_functions.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/parser.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_internal.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/log_severity.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/invoke.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/salted_seed_seq.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_replace.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/notification.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/zipf_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_handle.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/common.h
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/charconv_parse.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc32_x86_arm_combined_simd.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/profiling/internal/exponential_biased.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_consume.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randenv.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/inlined_vector.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status_payload_printer.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/escaping.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/hash.h
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/demangle.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_gen_exception.cc
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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/ssl/ssl\_transcript.cc

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/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/map.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/map.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/message\_value.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/mini\_table.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/mini\_table.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/mini\_table.hpp/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/msg.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/msg.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/msg\_internal.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/port\_def.inc/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/port\_undef.inc/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/reflection.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-

gz/third\_party/upb/upb/reflection.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/reflection.hpp//  
Copyright (c) 2009-2021, Google LLC  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/status.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/status.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/table.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/table\_internal.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/text\_encode.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/text\_encode.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/upb.c/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/upb.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/upb.hpp//  
Copyright (c) 2009-2021, Google LLC  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/xxhash/xxhash.h/\*  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/adler32.c/\*  
adler32.c -- compute the Adler-32 checksum of a data stream  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/compress.c/\*  
compress.c -- compress a memory buffer  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/crc32.c/\*  
crc32.c -- compute the CRC-32 of a data stream  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/deflate.c/\*  
deflate.c -- compress data using the deflation algorithm  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/deflate.h/\*  
deflate.h -- internal compression state  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/gzclose.c/\*  
gzclose.c -- zlib gzclose() function  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/gzguts.h/\*  
gzguts.h -- zlib internal header definitions for gz\* operations  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/gzlib.c/\*  
gzlib.c -- zlib functions common to reading and writing gzip files  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/gzread.c/\*  
gzread.c -- zlib functions for reading gzip files  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/gzwrite.c/\*  
gzwrite.c -- zlib functions for writing gzip files  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/inffback.c/\*  
inffback.c -- inflate using a call-back interface  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/inffast.c/\*  
inffast.c -- fast decoding  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/inffast.h/\*  
inffast.h -- header to use inffast.c  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/inflate.c/\*  
inflate.c -- zlib decompression  
/opt/cola/permits/2634184782\_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third\_party/zlib/inflate.h/\*  
inflate.h -- internal inflate state definition



```

/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inftrees.c/*
inftrees.c -- generate Huffman trees for efficient decoding
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inftrees.h/*
inftrees.h -- header to use inftrees.c
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/trees.c/* trees.c
-- output deflated data using Huffman coding
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/uncompr.c/*
uncompr.c -- decompress a memory buffer
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zconf.h/*
zconf.h -- configuration of the zlib compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zlib.h/* zlib.h -
- interface of the 'zlib' general purpose compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zutil.c/* zutil.c
-- target dependent utility functions for the compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zutil.h/* zutil.h
-- internal interface and configuration of the compression library

```

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```

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// Inspired by Daniel J. Bernstein's public domain nistp224 implementation

// and Adam Langley's public domain 64-bit C implementation of curve25519.

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/p224-64.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_ia5.c

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/v3\_lib.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_parse\_a\_reply.c

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/cares/cares/src/lib/ares\_freeaddrinfo.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/curve25519/curve25519.c

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\* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb\_channel.h

\* /grpc-1-53-2-gem/data-tar-gz/include/grpc/slice\_buffer.h

\* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm\_gcc\_sync.h

```

* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_windows.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/status.h
*
/grpc-1-53-2-gem/data-tar-gz/include/grpc/byte_buffer_reader.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/slice_type.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/byte_buffer_reader.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_generic.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm_gcc_atomic.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/log.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_byte_buffer.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/log_windows.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/grpc_types.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm.h
*
/grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_completion_queue.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_completion_queue.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/port_platform.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_compression_options.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm_gcc_sync.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/grpc_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_posix.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/cpu.h
*
/grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/alloc.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/slice.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm_windows.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/status.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/string_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_compression_options.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/compression.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_generic.h

```

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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_args.h
*
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/port_platform.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/log.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/slice.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/workaround_list.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/time.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm_gcc_atomic.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_args.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/grpc_security.h

```

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

```

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*/

```

Found in path(s):

```

* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_xds_server_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_xds_channel_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_xds_channel_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_xds_server_credentials.h

```

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```

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```

Found in path(s):

```

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/backend_metric.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/key_logging/ssl_key_logging.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl_transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/server_address.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/percent_encoding.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/local_subchannel_pool.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_resource_type_impl.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/endpoint_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_local.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/server/http_server_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/load_system_roots_fallback.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/crash.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/sleep.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl_transport_security_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/local/local_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/status_helper.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config_env.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/server/chttp2_server.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/loop.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/api.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_linux.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/context.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc_if_nametoindex.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/alloc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful_session/stateful_session_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/systemd_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/exec_ctx_wakeup_scheduler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/client_load_reporting_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/try_join.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/ring_hash/ring_hash.cc

```



```

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_call_state_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/tcp_socket_utils.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/call_combiner.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/local_transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_counter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/forkable.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/event_string.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/histogram_view.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/frame_handler.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time_averaged_stats.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/common_closures.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/lockfree_event.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/plugin_registry/grpc_plugin_registry_extra.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/wrap_memcpy.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_mutator.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_shared_resource.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/tcp_socket_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/poller.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_ev_driver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/oauth2/oauth2_credentials.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/config/core_configuration.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_listener.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log_android.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/google_default/google_default_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/service_config_channel_arg_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/config/core_configuration.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_stateful_session_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/internal_errqueue.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/random_early_detection.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/client/chttp2_connector.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/ring_hash/ring_hash.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_closure.h

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/load\_file.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_reader.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client\_authority\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/ssl/ssl\_security\_connector.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/matchers/matchers.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl\_transport\_security.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/thread\_pool.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/certificate\_provider/certificate\_provider\_registry.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_http\_filters.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/url\_external\_account\_credentials.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/retry\_service\_config.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/mpscq.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/insecure/insecure\_credentials.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc\_tls\_certificate\_provider.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_util.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_bootstrap\_grpc.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/evaluate\_args.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel\_init.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/status\_helper.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/subchannel\_interface\_internal.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend\_metrics/backend\_metric\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/default\_event\_engine\_factory.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/message\_size/message\_size\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset\_set.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_transport\_grpc.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/ev\_poll\_posix.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful\_session/stateful\_session\_service\_config\_parser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/channel\_args\_endpoint\_config.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/systemd\_utils.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_bootstrap\_grpc.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac\_service\_config\_parser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/grpclb/load\_balancer\_api.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_client\_stats.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/utils.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev\_posix.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/load\_system\_roots\_supported.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion\_queue.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp\_client\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/format\_request.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/buffer\_list.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_client\_grpc.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/resolved\_address\_internal.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/backup\_poller.h

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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_settings.h
* /grpc-1-53-2-gem/data-tar-
gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.cc
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_fallback.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/parsed_metadata.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/auth_filters.h
* /grpc-1-53-2-gem/data-tar-
gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client/http_client_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolved_address.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/lockfree_event.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_test_only.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue_factory.cc
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/server.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/same_package_service_name.proto
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/activity.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl/ssl_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/parsed_metadata.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_request_signer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/address_filtering.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/interceptor_list.h
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/executor.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_client_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_fault_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_channel_stack_modifier.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_wrapper_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/message_compress/compression_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/matchers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/authorization_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/server/http_server_filter.h
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/dualstack_socket_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname.h

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session\_cache/ssl\_session\_openssl.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/plugin/plugin\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/context/security\_context.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/matchers/matchers.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time\_averaged\_stats.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/server/chtcp2\_server.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_args.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport\_fwd.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_stack.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats\_data.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_object\_loader.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/file\_external\_account\_credentials.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session\_cache/ssl\_session.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global\_config\_custom.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_client\_stats.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr\_fwd.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error\_cfstream.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/activity.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/dns\_resolver\_ares.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/xds/xds\_credentials.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/message\_size/message\_size\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel\_idle/idle\_filter\_state.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/experiments.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_route\_config.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice\_internal.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/decode\_huff.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/server.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/periodic\_update.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/rbac\_policy.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/child\_policy\_handler.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/channel\_creds\_registry.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load\_balancing/lb\_policy.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/server\_config\_selector/server\_config\_selector.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/retry\_service\_config.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/client\_channel\_factory.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack\_encoder.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/census/grpc\_context.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/try\_seq.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/certificate\_provider/certificate\_provider\_registry.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr\_internal.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/connectivity\_state.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/bdp\_estimator.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/load\_system\_roots\_supported.h

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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/oob_backend_metric.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/channel_args_endpoint_config.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/win_socket.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/plugin_registry/grpc_plugin_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/work_serializer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix_common.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_health_status.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer_manager.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_stateful_session_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/client_auth_filter.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/block_annotate.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/fake_transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/config_selector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression_internal.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/builtins.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/polling_resolver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/status_util.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/dns_resolver_selection.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/priority/priority.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_lb_policy_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/iam/iam_credentials.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/version.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_wrr_locality.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client_grpc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_channel_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/builtins.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init_internally.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/plugin/plugin_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/slice_buffer.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/huffsyms.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_filters.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server.h

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt\_verifier.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/security\_handshaker.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/same\_ruby\_package\_service\_name.proto
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/pick\_first/pick\_first.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check\_gcp\_environment\_no\_op.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/api\_trace.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_api.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_client.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/crypt/gsec.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport\_security.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/tchar.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/client/http2\_connector.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/bdp\_estimator.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/weighted\_round\_robin/static\_stride\_scheduler.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr\_windows.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/context/security\_context.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init\_internally.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/subchannel.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame\_ping.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/dynamic\_filters.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel\_stack\_type.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/include/grpc/event\_engine/internal/slice\_cast.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc\_plugin.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice\_buffer.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts\_handshaker\_client.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/validate\_metadata.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport\_security\_grpc.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset\_set\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/authorization\_policy\_provider\_vtable.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/tcp\_connect\_handshaker.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/pid\_controller.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/backoff.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_channel\_args.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/oauth2/oauth2\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_trace.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz\_registry.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/tcp\_socket\_utils.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service\_config/service\_config\_parser.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/client\_channel\_plugin.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/xds/xds\_cluster\_resolver.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/polling_entity.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/channel_connectivity.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/status_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/host_port.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/executor.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/experiments.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/event_log.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_common_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/event_poller_posix_default.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/arena.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_ping.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/connectivity_state.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/chtcp2_transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/rbac_policy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_refcount.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_crypter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_encoder_table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/handle_containers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/buffer_list.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/arena_promise.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_init.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/resolved_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/message_compress.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_impl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/ssl/ssl_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_override_host.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/local/local_credentials.h
*

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/grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/transport_security_common_api.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_server_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder_impl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport_impl.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder_impl.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/decode_huff.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/subchannel_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_window_update.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/global_subchannel_pool.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/lockfree_event.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/parse_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/local_transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_request_signer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_certificate_provider.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/weighted_target/weighted_target.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/binder/binder_resolver.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/insecure/insecure_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_frame_protector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_manager.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/periodic_update.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/histogram_view.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/channel_idle_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_server_config_fetcher.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iocp_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/ev_poll_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer_manager.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/tcp_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/fake/fake_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/external_account_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/frame_handler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/health/health_check_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_eventfd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_precise.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/parsing.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/backend_metric_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/closure.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_args_preconditioning.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster_specifier_plugin.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_settings.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/status_conversion.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/format_request.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/exec_ctx.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/closure.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/load_file.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_goaway.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/percent_encoding.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/crypt/gsec.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/tsi_error.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config_env.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_impl.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/local/local_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/sockaddr_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_bootstrap.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/event_log.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/combiner.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/event_string.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/outlier_detection/outlier_detection.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_service_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/child_policy_handler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/context.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_registry.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/url_external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/sleep.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_fwd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/local/local_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_posix_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/byte_buffer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/fake/fake_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_posix_default.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/time_util.cc
*

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/grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/pipe.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/fake_transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_client_stats.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/xds/xds_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/oob_backend_metric_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/validate_metadata.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/tls/tls_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/examine_stack.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile_msys.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http_connect_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_parser_table.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_balancer_addresses.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/packed_table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_writer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_override_host.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/dynamic_annotations.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/iocp.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc_if_nametoindex_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_throttle.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_cache.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_apple.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_host_name_max.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/idle_filter_state.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/polling_entity.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_channel_args.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc_transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli_ssl_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_certificate_provider.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/util/json_util.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_stream_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/composite/composite_credentials.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_manager.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/message_compress.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/atomic_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/unique_type_name.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc_transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/event_poller_posix_default.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_call_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful_session/stateful_session_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix_ifaddrs.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/channel_idle_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/file_external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_poll_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix.h
*
/grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/event_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_ev_driver_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/unix_sockets_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/promise_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_handshaker_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/tcp_socket_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_pipe.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_filter.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_eventfd.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend_metrics/backend_metric_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/resource_quota.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/status.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_pool_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/chttp2_transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/fork_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/composite/composite_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_pair_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/insecure/insecure_security_connector.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/client_load_reporting_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/sockaddr/sockaddr_resolver.cc

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup\_fd\_pipe.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/server\_auth\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc\_if\_nametoindex\_unsupported.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/flow\_control.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/trace.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/port.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws\_external\_account\_credentials.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket\_factory\_posix.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/server\_config\_selector/server\_config\_selector\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/google\_default/credentials\_generic.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket\_utils\_posix.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/if.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/windows/win\_socket.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string\_util\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame\_rst\_stream.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/trace.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/ssl\_utils\_config.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc\_authorization\_engine.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/deadline/deadline\_filter.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_object\_loader.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/writing.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/file\_watcher\_certificate\_provider\_factory.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin\_decoder.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack\_encoder\_table.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc\_tls\_certificate\_distributor.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/subchannel\_stream\_client.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/resource\_quota.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/load\_system\_roots.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/ref\_counted.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_wrapper.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/grpclb/load\_balancer\_api.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/wakeup\_fd\_pipe.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http\_connect\_handshaker.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/unix\_sockets\_posix\_noop.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/timer\_heap.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iocp\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_args\_preconditioning.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev\_poll\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/ssl\_utils\_config.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin\_encoder.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time_util.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/subchannel_list.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_service_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/deadline/deadline_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_pair.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/server_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/json_token.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/certificate_provider_store.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_routing.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/cfstream_handle.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/tls/tls_security_connector.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/closure.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_engine.cc
* /grpc-1-53-2-gem/data-tar-
gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_privacy_integrity_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/key_logging/ssl_key_logging.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_routing.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/health/health_check_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/alts/alts_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_pipe.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_impl.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/certificate_provider_store.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/huffsymbols.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/message_compress/compression_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/package_options_import2.proto
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_common_types.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/secure_endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/rls/rls.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_constants.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/single_set_ptr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc_server_authz_filter.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/authorization_policy_provider.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_refcount.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/transport_security_common_api.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_cluster_impl.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chtcp2/transport/hpack_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/time_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/closure.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_distributor.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_apple.h
*
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/event_poller.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/fake/fake_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/tcp_connect_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/no_destruct.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/matchers.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/dynamic_filters.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_epoll1_linux.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/manual_constructor.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/dual_ref_counted.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_eventfd.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chtcp2/transport/stream_lists.cc
*
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/connected_channel.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/tsi_error.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_unseal_privacy_integrity_crypter.cc
* /grpc-1-53-2-gem/data-tar-
gz/src/core/ext/filters/client_channel/lb_policy/weighted_round_robin/weighted_round_robin.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/alloc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/error_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl_transport_security_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/b64.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chtcp2/transport/context_list.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/cfstream_handle.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_mutator.h
*
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/construct_destruct.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_generic.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_attributes.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/default_event_engine_factory.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/security_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_channelz.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/http_proxy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/server_config_selector/server_config_selector_filter.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/sockaddr_utils.h
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster_specifier_plugin.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/useful.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/file_watcher_certificate_provider_factory.h
* /grpc-1-53-2-gem/data-tar-
gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_privacy_integrity_record_protocol.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/sync.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/basic_join.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/exec_ctx.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/race.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/default_event_engine.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/slice_buffer.cc
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/api_trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/config.cc
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/memory_allocator.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/seq.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_frame_protector.cc
* /grpc-1-53-2-gem/data-tar-
gz/src/core/ext/filters/client_channel/lb_policy/weighted_round_robin/static_stride_scheduler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/forkable.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/byte_buffer_reader.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_abseil.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_throttle.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/backoff.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/arena.h
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/google_default/google_default_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_verifier.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/pid_controller.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_data.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/local_subchannel_pool.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/http2/transport/frame_window_update.h
*
/ grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_windows.h

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer\_heap.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log\_linux.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_wrapper.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_args.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call\_details.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/timeout\_encoding.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_ev\_driver\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/latch.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/ssl/ssl\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame\_protector/alts\_crypter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/ev\_epoll1\_linux.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client/http\_client\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/fake/fake\_resolver.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_endpoint.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/thread\_quota.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/error\_utils.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client\_authority\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset\_set\_windows.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/xds/cds.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc\_tls\_certificate\_provider.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/insecure/insecure\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/default\_event\_engine.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/call\_finalization.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/status\_conversion.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_health\_status.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/outlier\_detection/outlier\_detection.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/security\_connector.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/package\_options\_ruby\_style.proto
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/secure\_endpoint.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call\_trace.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json\_util.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint\_pair\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/metadata\_array.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/stream\_map.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/fork\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr\_utils\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/alts\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/chunked\_vector.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/examine\_stack.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env\_linux.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/match.h



- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/evaluate\_args.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http2\_errors.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/alpn/alpn.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/backup\_poller.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/shim.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/uri/uri\_parser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call\_log\_batch.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/overload.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session\_cache/ssl\_session\_cache.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend\_metrics/backend\_metric\_provider.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/strerror.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/windows/windows\_endpoint.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/executor/executor.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/dns/native/dns\_resolver.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/strerror.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_transport\_grpc.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/google\_c2p/google\_c2p\_resolver.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack\_parser\_table.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/call\_creds\_util.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt\_credentials.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/b64.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/parser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/promise\_based\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/xds/xds\_attributes.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice\_string\_helpers.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/connector.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/promise.h
- \* /grpc-1-53-2-gem/data-tar-
- gz/src/core/ext/filters/client\_channel/resolver/dns/c\_ares/grpc\_ares\_wrapper\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_cluster.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/metadata\_batch.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/xds/xds\_resolver.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault\_injection/fault\_injection\_service\_config\_parser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/call\_tracer.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/internal\_errqueue.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/xds/xds\_cluster\_manager.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_http\_rbac\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/work\_serializer.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/atm.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/internal\_errqueue.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer\_heap.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/http\_proxy.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/api.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/bitset.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/internal/memory_allocator_impl.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_decoder.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/varint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/metadata_batch.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_sysconf.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/fake/fake_resolver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/package_options_import.proto
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/context_list.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/alts_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/json_token.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/per_cpu.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/combiner.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/alts/alts_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/ev_epoll1_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_lb_policy_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_nospecial.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_api.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/iocp.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/map.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/spinlock.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/lockfree_event.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/varint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_pool.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_factory_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_encoder.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/mpscq.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_verifier.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_client_stats.cc

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/tchar.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl\_types.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts\_tsi\_handshaker\_private.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_http\_fault\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel\_stack\_type.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_bootstrap.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_common\_types.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/trace.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_route\_config.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time\_precise.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/alpn/alpn.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel\_stack\_builder.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http2\_settings.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer\_generic.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame\_rst\_stream.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/config\_selector.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp\_server\_utils\_posix\_noifaddrs.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/trace.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport\_op\_string.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful\_session/stateful\_session\_filter.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup\_fd\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc\_authorization\_engine.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc\_tls\_credentials\_options.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr\_windows.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/oob\_backend\_metric.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/memory\_allocator.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/thread\_quota.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/avl/avl.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/iam/iam\_credentials.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack\_encoder.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/polling\_resolver.cc
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http\_trace.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/unix\_sockets\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev\_epoll1\_linux.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time\_util.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice\_string\_helpers.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame\_protector/alts\_seal\_privacy\_integrity\_crypter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/switch.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/timer\_heap.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/wakeup\_fd\_posix\_default.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/lame\_client.h

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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/crypt/aes_gcm.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_shared_resource.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_buffer.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc_server_authz_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/flow_control.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/shim.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/uri/uri_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/util/json_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol_common.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_balancer_addresses.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_cfstream.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_resource_type.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/lame_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_ping.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/dns_resolver_selection.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/cpp_impl_of.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/crash.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_channel_stack_modifier.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/ref_counted_ptr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_credentials_options.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/notification.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/parse_address.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_set.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/python_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/promise_like.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/event_engine.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/memory_quota.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/tcp_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/upb_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/validation_errors.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/poll.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol_common.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/global_subchannel_pool.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_local.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/debug_location.h

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- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/load\_file.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/slice.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/address\_filtering.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/posix\_engine\_listener.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/ssl\_utils.cc
- \* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event\_engine/memory\_request.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile\_posix.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame\_goaway.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/backend\_metric.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/traced\_buffer\_list.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/connected\_channel.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/fork.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global\_config\_generic.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security\_connector/fake/fake\_security\_connector.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_http\_rbac\_filter.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu\_linux.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/sorted\_pack.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/resolver/xds/xds\_resolver.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/call\_combiner.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/package\_options.proto
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/validation\_errors.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http2\_settings.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/client\_channel\_channelz.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/host\_port.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/nameser.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/timeout\_encoding.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/http\_filters\_plugin.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/fork.cc
- \* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event\_engine/port.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/memory.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/internal\_errqueue.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds\_listener.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event\_engine/posix\_engine/traced\_buffer\_list.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp\_client.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/memory\_quota.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/certificate\_provider/certificate\_provider\_factory.h
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client\_channel/lb\_policy/round\_robin/round\_robin.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/promise\_based\_filter.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu\_iphone.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts\_tsi\_utils.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource\_quota/trace.h
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log.cc
- \* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/load\_file.cc

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/call_creds_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/intra_activity_waiter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/random_early_detection.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/channel_creds_registry_init.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_pool_interface.cc
*
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/orphanable.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/basic_seq.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_boringssl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/stream_map.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_counter.cc
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/pcy\_node.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/pcy\_vpm.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/pcy\_lib.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/pcy\_cache.c

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 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/fips\_shared\_support.c  
 \*  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/gcm\_nohw.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/trust\_token/trust\_token.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/siphash/siphash.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/siphash.h  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/trust\_token/internal.h  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/ec\_extra/ec\_derive.c  
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 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/mutex.h  
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* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/simplify.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/parse.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/sparse_array.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/regexp.cc
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 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/evp/p\_ec.c  
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/trust\_token/voprf.c  
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/ec\_extra/hash\_to\_curve.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/fork\_detect.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/hpke.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/ec\_extra/internal.h

\*

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/fork\_detect.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/trust\_token/pmbtoken.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/p256.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/p256\_table.h

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\* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/propagation\_bits.h  
\* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/propagation\_bits.h  
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/grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/connectivity_state.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc_imports.generated.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/compression_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc_imports.generated.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/connectivity_state.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/grpc_security_constants.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/grpc_cronet.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_loader.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/compression_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_loader.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_event_thread.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_event_thread.h
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/pem/pem\_x509.c  
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/decode.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/decode\_fast.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/arena.h  
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/upb/upb/def.c  
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/rsaz\_exp.h  
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 *
 * Defines ABSL_STACKTRACE_INL_HEADER to the *-inl.h containing
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 * This header is "private" to stacktrace.cc.
 * DO NOT include it into any other files.
 */
```

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```
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_pcons.c
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\* (2) University of Haifa, Israel

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\* Reference:

\* S.Gueron and V.Krasnov, "Fast Prime Field Elliptic Curve Cryptography with

\* 256 Bit Primes"

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/p256-x86\_64.h

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 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/pem/pem\_info.c  
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_purp.c

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```

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4iYn9T6xLoYGP0H0iGwU2SyBINkHT8oXU+SYP5MWtYkVbeS3/VtNWz1gQKBgQCA  
6Nk4kN0mH7YxEKRzSOfyzeDF4oV7kuB2FYUbkTL+TirC3K58JiYY5Egc31trOKFm  
Jlz1xz0b6DkmKWTiV3r9OPHKJ8P7IeJxAZWmZzCdDuwkv0i+WW+z0zsIe3JjEavN  
3zb6O7R0HtziksWoqMeTqZeO+wa9iw6vVKQw1wWEqwKBgFHfahFs0DZ5cUTpGpBt  
F/AQG7ukgipB6N6AkB9kDbgCs1FLgd199MQREncug5hfpq8QerbyMatmA+GXoGMb  
7vztKEH85yyp4n02FNL6H7xL4VVILvyZHDolmiORJ4qT2hZnl8pEQ2TYuF4RIHud  
nSwXX+2o0J/nF85fm4AwWKAac  
-----END  
PRIVATE KEY-----

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* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_strsplit.c
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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/test.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/logging.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/prefilter.h
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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/flags.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/benchmark.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/prefilter\_tree.cc
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/malloc\_counter.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/util/util.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/filtered\_re2.cc
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/prefilter\_tree.h

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- \*
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/bytestring/internal.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/urandom.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/chacha.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/ssl\_typ.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/cpu-arm.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/opensslv.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/crypto.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/pkcs12.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/safestack.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/poly1305.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/poly1305/poly1305\_vec.c
- \*



```

/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/hkdf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/hkdf/hkdf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/engine.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/opensslconf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/bytestring.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/ber.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/pkcs7.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/rand.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rand.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/cbb.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/socket_helper.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_chacha20poly1305.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs7/pkcs7.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/windows.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_tls.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/cbs.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/engine/engine.c
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/onepass.cc

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/unicode\_casefold.h

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/mimics\_pcre.cc

\* /grpc-1-53-2-gem/data-tar-gz/third\_party/re2/re2/unicode\_groups.h

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// logging; as a special exception, the function may acquire other mutexes

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/aes.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/aes/aes.c

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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/address\_sorting/address\_sorting\_posix.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/address\_sorting/address\_sorting\_internal.h
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- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/address\_sorting/address\_sorting.c

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_if.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_info.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/civil_time_detail.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_fixed.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/include/cctz/civil_time.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_impl.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_libc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/include/cctz/zone_info_source.h
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_libc.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_fixed.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_if.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_posix.h
No license file was found, but licenses were detected in source scan.

```

```

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/cmac/cmac.c  
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Found in path(s):

- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/asn1/a\_i2d\_fp.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/asn1/a\_utctm.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/bio/socket.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/cipher\_extra/derive\_key.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/i2d\_pr.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/asn1\_gen.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/algorithm.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x\_exten.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x509.c
- \*
- /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x\_pubkey.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/asn1/tasn\_dec.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha1-altivec.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/asn1/tasn\_typ.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/name\_print.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/bio.h
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x509name.c
- \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/x509\_set.c

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_req.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/evp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_pk8.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/obj/obj_xref.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_crl.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_cmp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_info.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_gentm.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/blowfish.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/digest_extra/digest_extra.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_enum.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_spki.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/md4/md4.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_utl.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_octet.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/by_dir.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_sig.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/sign.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/des/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha512.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_pkey.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/fd.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/bio_mem.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rc4/rc4.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_def.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/sha.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn_pack.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509rset.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/bn.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/conf/conf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/hexdump.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_new.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/digest.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/dh.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_req.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_time.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/evp_ctx.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_attrib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/add.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_utf8.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/e_des.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/rsa_impl.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/md4.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/f_string.c

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/buf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/rsa.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_x509a.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/obj.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bn_extra/convert.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_name.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_sign.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_digest.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/des.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_d2.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_strex.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/cipher.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_rc4.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_pkey.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rsa.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_req.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_type.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_ext.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_obj.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/bio.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/md5.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_dup.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_x509.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_object.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_val.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/hmac.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_lib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/by_file.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn1_lib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/lhash.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/evp.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_fre.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn1_par.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/md5/md5.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/cipher_extra.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_strnid.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/dh/dh.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/conf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/f_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_rc2.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/div.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha256.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_vfy.c

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/des/des.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/mul.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_lu.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_mbstr.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/thread.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/printf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/stack/stack.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_bitstr.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_null.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/thread.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/base64/base64.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls_method.cc
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/lhash/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_oth.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rc4.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/mem.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/digest.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/evp_asn1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/base64.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/shift.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/digests.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_crl.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/connect.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/mem.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_bool.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/stack.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/evp_errors.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/cast.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_print.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/hmac/hmac.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/cipher.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_x509.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/dh/check.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/obj/obj.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_all.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/cmp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_privkey.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_d2i_fp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/buf/buf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/type_check.h

```

```

* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-intel.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_verify.c
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_v3.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_enc.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/ripemd.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/file.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_att.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/lhash/lhash.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/generic.c
*
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_txt.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/bytes.c
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/generate_proto_ruby.sh
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/test/xds_client.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/channel_connection_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/interceptor_registry.rb
*
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/spec_helper.rb
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/server_interceptors_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/errors.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/service.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/core/status\_codes.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/call\_credentials\_spec.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/bin/math\_services\_pb.rb
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/grpc/testing/metrics\_services\_pb.rb
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/rpc\_desc.rb
- \*
- /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/compression\_options\_spec.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/bin/noproto\_server.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/rpc\_desc\_spec.rb
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- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/rpc\_server\_spec.rb
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/server\_credentials\_spec.rb
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/bidi\_call.rb
- \* /grpc-1-53-2-gem/data-tar-gz/Makefile
- \* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/channel\_spec.rb

\* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/test/server.rb  
\* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/errors\_spec.rb  
\* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/health/checker\_spec.rb  
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// bitsliced across the |s| and |a| arrays, like this:

// Once bitsliced as such, the following circuits can be used to implement

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\*



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/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_enc.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/asn1_mac.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-arm-linux.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-aarch64-linux.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/polyval.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/asn1_compat.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pool/pool.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_both.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_server.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pool/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/obj_mac.h
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/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_client.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-ppc64le.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/curve25519/spake25519.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/deterministic.c
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// // memory is needed. We are free to use any allocation function we want as

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Ucw6UwxI5g69ybR2BILmEROFcmMDBOAE NisgGQLodKcftslWZvB1JdxnwQ5hYIiz
H6vPNOw/KP4M8VeGTslV9xzU2KV9Bnpv1d8Q34FOIWWxtuEXeZVFBs5fzNxGiWNo
4vkYxboznxSjBF25cfe1lNj2M8FawTSLfJvdkzrnE6JwYZ+v j+vYxXX4M2bUdGc6
BGIBnfHAT+7hOtSLIBD6Alfm78ELt5BGnBkpjNxvoEppaZS3JGWg/6w/zgH7IS79
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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/evp/p\_rsa\_asn1.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/evp/p\_ec\_asn1.c  
 \* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509/rsa\_pss.c

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/ec_key.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/simple.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/wnaf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/ec.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/ec_key.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/oct.c

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\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/x509v3/internal.h

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\*  
/grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/fipsmodule/ecdsa/internal.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/x509\_vfy.h  
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/grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/thread\_pthread.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/thread\_win.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/dtls1.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/thread\_none.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/cmac.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/bn\_extra/bn\_asn1.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/refcount\_lock.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/srtp.h  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/crypto/refcount\_c11.c  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/ssl/ssl\_aead\_ctx.cc  
\* /grpc-1-53-2-gem/data-tar-gz/third\_party/boringssl-with-bazel/src/include/openssl/buffer.h  
\*

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/err_data.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/curve25519.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_key_share.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/internal.h

```

# 1.285 tomcat-connectors 1.2.40

## 1.285.1 Available under license :

PGM

CRTCMOD MODULE(MOD\_JK/MOD\_JK) +

SRCSTMF('/home/apache/jk/native/apache-2.0/mod\_jk.c') +

DEFINE('AS400' 'HAVE\_APR' '\_XOPEN\_SOURCE=520' +

'USE\_APACHE\_MD5' '\_REENTRANT') +

TEXT('mod\_jk.c') +

OPTIMIZE(40) +

LOCALETYPE(\*LOCALE) +

SYSIFCOPT(\*IFSIO) +

LANGLV(\*EXTENDED) +

TGTRLS(\*CURRENT) +

INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

CRTCMOD MODULE(MOD\_JK/JK\_AJP\_COM) +

SRCSTMF('/home/apache/jk/native/common/jk\_ajp\_common.c') +

DEFINE('AS400' 'HAVE\_APR' '\_XOPEN\_SOURCE=520' +

'USE\_APACHE\_MD5' '\_REENTRANT') +

TEXT('jk\_ajp\_common.c') +

OPTIMIZE(40) +

LOCALETYPE(\*LOCALE) +

SYSIFCOPT(\*IFSIO) +

LANGLV(\*EXTENDED) +

TGTRLS(\*CURRENT) +

INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

CRTCMOD MODULE(MOD\_JK/JK\_AJP12\_W) +

SRCSTMF('/home/apache/jk/native/common/jk\_ajp12\_worker.c') +

DEFINE('AS400' 'HAVE\_APR' '\_XOPEN\_SOURCE=520' +

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TEXT('jk\_ajp12\_worker.c') +

OPTIMIZE(40) +

LOCALETYPE(\*LOCALE) +

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INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')



```

CRTCMOD MODULE(MOD_JK/JK_AJP13) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp13.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp13.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

```

CRTCMOD MODULE(MOD_JK/JK_AJP13_W) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp13_worker.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp13_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TGTRLS(*CURRENT) +

INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

```

CRTCMOD MODULE(MOD_JK/JK_AJP14) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp14.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp14.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

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CRTCMOD MODULE(MOD_JK/JK_AJP14_W) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp14_worker.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp14_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

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 SRCSTMF('/home/apache/jk/native/common/jk_connect.c') +

 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT' 'USE_SO_RCVTIMEO' +
 'USE_SO_SNDTIMEO') +
 TEXT('jk_connect.c') +
 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +
 LONGLVL(*EXTENDED) +
 TGTRLS(*CURRENT) +
 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

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CRTCMOD MODULE(MOD_JK/JK_CONTEXT) +
 SRCSTMF('/home/apache/jk/native/common/jk_context.c') +
 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
 TEXT('jk_context.c') +
 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +
 LONGLVL(*EXTENDED) +
 TGTRLS(*CURRENT) +
 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

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CRTCMOD MODULE(MOD_JK/JK_LB_WORK) +
 SRCSTMF('/home/apache/jk/native/common/jk_lb_worker.c') +
 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
 TEXT('jk_lb_worker.c') +

 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +
 LONGLVL(*EXTENDED) +
 TGTRLS(*CURRENT) +
 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

```

CRTCMOD MODULE(MOD_JK/JK_MAP) +
 SRCSTMF('/home/apache/jk/native/common/jk_map.c') +
 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
 TEXT('jk_map.c') +
 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +

```

```

LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_MD5) +
SRCSTMF('/home/apache/jk/native/common/jk_md5.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_md5.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_MSG_BUF)
+
SRCSTMF('/home/apache/jk/native/common/jk_msg_buff.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_msg_buff.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_POOL) +
SRCSTMF('/home/apache/jk/native/common/jk_pool.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_pool.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_SOCKETBUF) +
SRCSTMF('/home/apache/jk/native/common/jk_sockbuf.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_sockbuf.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +

```

```

SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URI_W_M) +
SRCSTMF('/home/apache/jk/native/common/jk_uri_worker_map.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_uri_worker_map.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URL) +
SRCSTMF('/home/apache/jk/native/common/jk_url.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_url.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common'
'/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_UTIL) +
SRCSTMF('/home/apache/jk/native/common/jk_util.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_util.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_WORKER) +
SRCSTMF('/home/apache/jk/native/common/jk_worker.c') +
DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_worker.c') +
OPTIMIZE(40) +

```

```

LOCALETYPE(*LOCALE) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_STATUS) +
 SRCSTMF('/home/apache/jk/native/common/jk_status.c') +
 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520'
+
 'USE_APACHE_MD5' '_REENTRANT') +
 TEXT('jk_status.c') +
 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +
 LANGLVL(*EXTENDED) +
 TGTRLS(*CURRENT) +
 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_SHM) +
 SRCSTMF('/home/apache/jk/native/common/jk_shm.c') +
 DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
 'USE_APACHE_MD5' '_REENTRANT') +
 TEXT('jk_shm.c') +
 OPTIMIZE(40) +
 LOCALETYPE(*LOCALE) +
 SYSIFCOPT(*IFSIO) +
 LANGLVL(*EXTENDED) +
 TGTRLS(*CURRENT) +
 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTSRVPGM SRVPGM(MOD_JK/MOD_JK) +
 MODULE(MOD_JK/MOD_JK +
 MOD_JK/JK_AJP_COM MOD_JK/JK_AJP12_W +
 MOD_JK/JK_AJP13 MOD_JK/JK_AJP13_W +
 MOD_JK/JK_AJP14 MOD_JK/JK_AJP14_W +
 MOD_JK/JK_CONNECT MOD_JK/JK_CONTEXT +
 MOD_JK/JK_LB_WORK +
 MOD_JK/JK_MAP MOD_JK/JK_MD5
+
 MOD_JK/JK_MSG_BUF MOD_JK/JK_POOL +
 MOD_JK/JK_SOCKETBUF MOD_JK/JK_URI_W_M +
 MOD_JK/JK_URL +
 MOD_JK/JK_UTIL MOD_JK/JK_WORKER +
 MOD_JK/JK_STATUS MOD_JK/JK_SHM) +
 EXPORT(*SRCFILE) +
 BNDDIR() +
 TGTRLS(*CURRENT) +

```

```
SRCFILE(MOD_JK/QRVSRV) +
SRCMBR(MOD_JK) +
USRPRF(*USER) +
BNDSRVPGM(QHTTSPVR/QZSRAPR QHTTSPVR/QZSRCORE +
 QHTTSPVR/QZSRXMLP QHTTSPVR/QZSRDBM) +
TEXT('Apache Tomcat mod_jk connector module')
```

ENDPGM

```
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```

```
!IFDEF APACHE20_HOME
APR_LIB=libapr.lib
APU_LIB=libaprutil.lib
OUTDIR=.Release20
INTDIR=.Release20
APACHE2_HOME=$(APACHE20_HOME)
!ELSE
!IFDEF APACHE24_HOME
APACHE2_HOME=$(APACHE24_HOME)
OUTDIR=.Release24
INTDIR=.Release24
!ELSE
!IFDEF
 APACHE22_HOME
 APACHE2_HOME=$(APACHE22_HOME)
 OUTDIR=.Release22
 INTDIR=.Release22
!ENDIF
!ENDIF
APR_LIB=libapr-1.lib
APU_LIB=libaprutil-1.lib
!ENDIF
!IFDEF APACHE2_HOME
!ERROR Missing APACHE2_HOME environment variable.
!ENDIF
```

TARGET=mod\_jk\$(SO\_VERSION)\$(SO\_HTTPD\_VERSION)  
CPP=cl.exe  
MTL=midl.exe  
RSC=rc.exe  
ARCH=X86

ALL : "\$(OUTDIR)\\$(TARGET).so"

CLEAN :

-@erase "\$(INTDIR)\jk.res"  
-@erase "\$(INTDIR)\jk\_ajp12\_worker.obj"  
-@erase "\$(INTDIR)\jk\_ajp13.obj"  
-@erase "\$(INTDIR)\jk\_ajp13\_worker.obj"  
-@erase "\$(INTDIR)\jk\_ajp14.obj"  
-@erase "\$(INTDIR)\jk\_ajp14\_worker.obj"  
-@erase "\$(INTDIR)\jk\_ajp\_common.obj"  
-@erase "\$(INTDIR)\jk\_connect.obj"  
-@erase "\$(INTDIR)\jk\_context.obj"  
-@erase "\$(INTDIR)\jk\_lb\_worker.obj"  
-@erase "\$(INTDIR)\jk\_map.obj"  
-@erase "\$(INTDIR)\jk\_md5.obj"  
-@erase "\$(INTDIR)\jk\_msg\_buff.obj"  
-@erase "\$(INTDIR)\jk\_pool.obj"  
-@erase "\$(INTDIR)\jk\_shm.obj"  
-@erase "\$(INTDIR)\jk\_sockbuf.obj"  
-@erase "\$(INTDIR)\jk\_status.obj"  
-@erase "\$(INTDIR)\jk\_uri\_worker\_map.obj"  
-@erase  
"\$(INTDIR)\jk\_url.obj"  
-@erase "\$(INTDIR)\jk\_util.obj"  
-@erase "\$(INTDIR)\jk\_worker.obj"  
-@erase "\$(INTDIR)\mod\_jk.obj"  
-@erase "\$(INTDIR)\mod\_jk\_src.idb"  
-@erase "\$(INTDIR)\mod\_jk\_src.pdb"  
-@erase "\$(OUTDIR)\mod\_jk.exp"  
-@erase "\$(OUTDIR)\mod\_jk.lib"  
-@erase "\$(OUTDIR)\\$(TARGET).pdb"  
-@erase "\$(OUTDIR)\\$(TARGET).so"

"\$(OUTDIR)" :

if not exist "\$(OUTDIR)/\$(NULL)" mkdir "\$(OUTDIR)"

BSC32=bscmake.exe  
BSC32\_FLAGS=/nologo /o"\$(OUTDIR)\\$(TARGET).bsc"  
BSC32\_SBRS= \

```

LINK32=link.exe
LINK32_FLAGS=libhttpd.lib $(APR_LIB) $(APU_LIB) kernel32.lib user32.lib advapi32.lib mswsock.lib
ws2_32.lib $(EXTRA_LIBS) /nologo /base:"0x6A6B0000" /subsystem:windows /dll /incremental:no
/pdb:"$(OUTDIR)\$(TARGET).pdb" /debug /machine:$(ARCH) /out:"$(OUTDIR)\$(TARGET).so"
/implib:"$(OUTDIR)\mod_jk.lib" /libpath:"$(APACHE2_HOME)\lib" /opt:ref
LINK32_OBJS= \
"$(INTDIR)\jk_ajp12_worker.obj" \
"$(INTDIR)\jk_ajp13.obj" \
"$(INTDIR)\jk_ajp13_worker.obj" \
"$(INTDIR)\jk_ajp14.obj"
\
"$(INTDIR)\jk_ajp14_worker.obj" \
"$(INTDIR)\jk_ajp_common.obj" \
"$(INTDIR)\jk_connect.obj" \
"$(INTDIR)\jk_context.obj" \
"$(INTDIR)\jk_lb_worker.obj" \
"$(INTDIR)\jk_map.obj" \
"$(INTDIR)\jk_md5.obj" \
"$(INTDIR)\jk_msg_buff.obj" \
"$(INTDIR)\jk_pool.obj" \
"$(INTDIR)\jk_shm.obj" \
"$(INTDIR)\jk_sockbuf.obj" \
"$(INTDIR)\jk_status.obj" \
"$(INTDIR)\jk_uri_worker_map.obj" \
"$(INTDIR)\jk_url.obj" \
"$(INTDIR)\jk_util.obj" \
"$(INTDIR)\jk_worker.obj" \
"$(INTDIR)\jk.res" \
"$(INTDIR)\mod_jk.obj"

"$(OUTDIR)\$(TARGET).so" : "$(OUTDIR)" $(DEF_FILE) $(LINK32_OBJS)
$(LINK32) @<<
$(LINK32_FLAGS) $(LINK32_OBJS)
<<
@if exist "$(OUTDIR)\$(TARGET).manifest" \
mt -nologo -manifest "$(OUTDIR)\$(TARGET).manifest" -outputresource:"$(OUTDIR)\$(TARGET).so";2

CPP_PROJ=-nologo -MD -W3 -O2 -Ob2 -Oy- -Zi -EHsc /I "..\common" /I "$(APACHE2_HOME)\include" /D
"NDEBUG" /D "WIN32" /D "_WINDOWS" $(CFLAGS) /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\mod_jk_src" /FD /c

.c{$(INTDIR)}.obj::
$(CPP) @<<
$(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.obj::
$(CPP) @<<

```



\$(CPP\_PROJ) \$<

<<

.cxx{\$(INTDIR)}.obj::

\$(CPP) @<<

\$(CPP\_PROJ) \$<

<<

.c{\$(INTDIR)}.sbr::

\$(CPP) @<<

\$(CPP\_PROJ) \$<

<<

.cpp{\$(INTDIR)}.sbr::

\$(CPP) @<<

\$(CPP\_PROJ) \$<

<<

.cxx{\$(INTDIR)}.sbr::

\$(CPP) @<<

\$(CPP\_PROJ) \$<

<<

MTL\_PROJ=/nologo /D "NDEBUG" /mktyplib203 /win32

RSC\_PROJ=/1 0x409 /fo"\$(INTDIR)\jk.res" /i "..\common" /d BASENAME="mod\_jk" /d "NDEBUG"

SOURCE=..\common\jk.rc

"\$(INTDIR)\jk.res" : \$(SOURCE) "\$(INTDIR)"

\$(RSC) \$(RSC\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp12\_worker.c

"\$(INTDIR)\jk\_ajp12\_worker.obj" : \$(SOURCE) "\$(INTDIR)"

\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp13.c

"\$(INTDIR)\jk\_ajp13.obj" : \$(SOURCE) "\$(INTDIR)"

\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp13\_worker.c

"\$(INTDIR)\jk\_ajp13\_worker.obj" : \$(SOURCE) "\$(INTDIR)"

\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp14.c

"\$(INTDIR)\jk\_ajp14.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP)  
\$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp14\_worker.c

"\$(INTDIR)\jk\_ajp14\_worker.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_ajp\_common.c

"\$(INTDIR)\jk\_ajp\_common.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_connect.c

"\$(INTDIR)\jk\_connect.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_context.c

"\$(INTDIR)\jk\_context.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_lb\_worker.c

"\$(INTDIR)\jk\_lb\_worker.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_map.c

"\$(INTDIR)\jk\_map.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_md5.c

"\$(INTDIR)\jk\_md5.obj" : \$(SOURCE) "\$(INTDIR)"

\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_msg\_buff.c

"\$(INTDIR)\jk\_msg\_buff.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_pool.c

"\$(INTDIR)\jk\_pool.obj"  
: \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_shm.c

"\$(INTDIR)\jk\_shm.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_sockbuf.c

"\$(INTDIR)\jk\_sockbuf.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_status.c

"\$(INTDIR)\jk\_status.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_uri\_worker\_map.c

"\$(INTDIR)\jk\_uri\_worker\_map.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_url.c

"\$(INTDIR)\jk\_url.obj" : \$(SOURCE) "\$(INTDIR)"  
\$(CPP) \$(CPP\_PROJ) \$(SOURCE)

SOURCE=..\common\jk\_util.c

```
"$(INTDIR)\jk_util.obj" : $(SOURCE) "$(INTDIR)"
$(CPP) $(CPP_PROJ) $(SOURCE)
```

SOURCE=..\common\jk\_worker.c

```
"$(INTDIR)\jk_worker.obj" : $(SOURCE) "$(INTDIR)"
$(CPP) $(CPP_PROJ) $(SOURCE)
```

SOURCE=.\mod\_jk.c

```
"$(INTDIR)\mod_jk.obj" : $(SOURCE) "$(INTDIR)"
$(CPP) $(CPP_PROJ) $(SOURCE)
```

Apache Tomcat Connectors

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Written by: Philip Hazel <ph10@cam.ac.uk>

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From native/common/ap\_snprintf.c:

\*  
\* cvt - IEEE floating point formatting routines.  
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\*

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#

#
NetWare Makefile for mod_jk (uses build system of Apache 2.x - gnu make)
created by Guenter Knauf <fuankg@apache.org>
#

#
Declare the sub-directories to be built here
#

SUBDIRS = \
$(EOLIST)

#
Get the
'head' of the build environment. This includes default targets and
paths to tools
#

include $(AP_WORK)/build/NWGnuhead.inc

#
build this level's files

#
Make sure all needed macro's are defined
#

JKCOMMON = ../common

#
These directories will be at the beginning of the include list, followed by
INCDIRS
#
XINCDIRS += \
$(JKCOMMON) \
$(APR)/include \

```

```

$(APRUTIL)/include \
$(AP_WORK)/include \
$(NWOS) \
$(EOLIST)

#
These flags will come after CFLAGS
#
XCFLAGS += \
$(EOLIST)

#
These defines will come after DEFINES
#
XDEFINES += \
-D__NOVELL_LIBC__ \
-D_POSIX_SOURCE \
$(EOLIST)

#
These flags will be added to the link.opt file
#
XLFLAGS += \
$(EOLIST)

#
These values will be appended to the correct variables based on the value of
RELEASE
#
ifeq "$(RELEASE)" "debug"
XINCDIRS += \
$(EOLIST)

XCFLAGS += \
$(EOLIST)

XDEFINES += \
$(EOLIST)

XLFLAGS += \
$(EOLIST)
endif

ifeq "$(RELEASE)" "noopt"
XINCDIRS += \
$(EOLIST)

XCFLAGS +=

```

```

\
$(EOLIST)

XDEFINES += \
$(EOLIST)

XLFLAGS += \
$(EOLIST)
endif

ifeq "$(RELEASE)" "release"
XINCDIRS += \
$(EOLIST)

XCFLAGS += \
$(EOLIST)

XDEFINES += \
$(EOLIST)

XLFLAGS += \
$(EOLIST)
endif

#
These are used by the link target if an NLM is being generated
This is used by the link 'name' directive to name the nlm. If left blank
TARGET_nlm (see below) will be used.
#
NLM_NAME = mod_jk

#
This is used by the link '-desc ' directive.
If left blank, NLM_NAME will be used.
#
NLM_DESCRIPTION = Apache $(VERSION_STR) plugin for Tomcat $(JK_VERSION_STR)

#
This is used by the link '-copy ' directive.
If left blank, the ASF copyright defined in NWGNUtail.inc will be used.
#
NLM_COPYRIGHT =

#
This is used by the '-threadname' directive. If left blank,
NLM_NAME Thread will be used.
#
NLM_THREAD_NAME = JK Module

```

```

#
If this is specified, it will override VERSION value in
$(AP_WORK)\build\NWGNUenvironment.inc
#
NLM_VERSION = $(JK_VERSION)

#
#
If this is specified, it will override the default of 64K
#
NLM_STACK_SIZE = 49152

#
If this is specified it will be used by the link '-entry' directive
#
NLM_ENTRY_SYM = _LibCPrelude

#
If this is specified it will be used by the link '-exit' directive
#
NLM_EXIT_SYM = _LibCPostlude

#
If this is specified it will be used by the link '-check' directive
#
NLM_CHECK_SYM =

#
If these are specified it will be used by the link '-flags' directive
#
NLM_FLAGS = AUTOUNLOAD, PSEUDOPREEMPTION

#
If this is specified it will be linked in with the XDCData option in the def
file instead of the default of $(NWOS)/apache.xdc. XDCData can be disabled
by setting APACHE_UNIPROC in the environment
#
XDCDATA =

#
If there is an NLM target, put it here
#
TARGET_nlm = \
$(OBJDIR)/$(NLM_NAME).nlm \
$(EOLIST)

```

```

#
If there is an LIB target, put it here
#
TARGET_lib = \
$(EOLIST)

#
These are the OBJ files needed to create the NLM target above.
Paths must all use the
'/' character
#
FILES_nlm_objs = \
$(OBJDIR)/jk_nwmain.o \
$(OBJDIR)/jk_ajp12_worker.o \
$(OBJDIR)/jk_ajp13.o \
$(OBJDIR)/jk_ajp13_worker.o \
$(OBJDIR)/jk_ajp14.o \
$(OBJDIR)/jk_ajp14_worker.o \
$(OBJDIR)/jk_ajp_common.o \
$(OBJDIR)/jk_connect.o \
$(OBJDIR)/jk_context.o \
$(OBJDIR)/jk_lb_worker.o \
$(OBJDIR)/jk_map.o \
$(OBJDIR)/jk_md5.o \
$(OBJDIR)/jk_msg_buff.o \
$(OBJDIR)/jk_pool.o \
$(OBJDIR)/jk_shm.o \
$(OBJDIR)/jk_sockbuf.o \
$(OBJDIR)/jk_status.o \
$(OBJDIR)/jk_uri_worker_map.o \
$(OBJDIR)/jk_url.o \
$(OBJDIR)/jk_util.o \
$(OBJDIR)/jk_worker.o \
$(OBJDIR)/mod_jk.o \
$(EOLIST)

#
These are the LIB files needed to create the NLM target above.
These will be added as a library command in the link.opt file.
#
FILES_nlm_libs = \
$(NOVELLLIBC)/imports/libcpre.o \
$(EOLIST)

#
These are the modules that the above NLM target depends on to load.
These will be added as a module command in the link.opt file.
#

```

```

FILES_nlm_modules = \
 aprlib \
 libc \
 $(EOLIST)

#
#
If the nlm has a msg file, put it's path here
#
FILE_nlm_msg =

#
If the nlm has a hlp file put it's path here
#
FILE_nlm_hlp =

#
If this is specified, it will override $(NWOS)\copyright.txt.
#
FILE_nlm_copyright =

#
Any additional imports go here
#
FILES_nlm_Ximports = \
 @aprlib.imp \
 @httpd.imp \
 @libc.imp \
 @ws2nlm.imp \
 $(EOLIST)

#
Any symbols exported to here
#
FILES_nlm_exports = \
 jk_module \
 $(EOLIST)

#
These are the OBJ files needed to create the LIB target above.
Paths must all use the '/' character
#
FILES_lib_objs = \
 $(EOLIST)

#
implement targets and dependancies (leave this section alone)
#

```



```

libs :: $(OBJDIR) $(TARGET_lib)

nlms :: libs $(TARGET_nlm)

#
Updated this target to create necessary directories and copy files to the
correct place. (See $(AP_WORK)\build\NWGNUhead.inc for examples)
#
install :: nlms FORCE
copy $(OBJDIR)*.nlm $(INSTALL)\Apache2\modules*.*

#
Any specialized rules here
#

vpath %.c $(JKCOMMON)

$(OBJDIR)/version.inc:
$(JKCOMMON)/jk_version.h $(OBJDIR)
@echo Creating $@
@awk -f ../../support/get_ver.awk $< > $@

#
Include the version info retrieved from jk_version.h
#

-include $(OBJDIR)/version.inc

#
Include the 'tail' makefile that has targets that depend on variables defined
in this makefile
#

include $(AP_WORK)/build/NWGNUtail.inc
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```

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#### PGM

```
CRTCMOD MODULE(MOD_JK/MOD_JK) +
SRCSTMF('/home/apache/jk/native/apache-2.0/mod_jk.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
'_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('mod_jk.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_AJP_COM) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp_common.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
'_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp_common.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_AJP12_W) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp12_worker.c')
+
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
'_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp12_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_AJP13) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp13.c') +
```

```

DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp13.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP13_W) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp13_worker.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5'
'_REENTRANT') +
TEXT('jk_ajp13_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp14.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp14.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14_W) +
SRCSTMF('/home/apache/jk/native/common/jk_ajp14_worker.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_ajp14_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF)
+
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +

```

```

TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_CONNECT) +
SRCSTMF('/home/apache/jk/native/common/jk_connect.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT' +
 'USE_SO_RCVTIMEO' + 'USE_SO_SNDTIMEO') +
TEXT('jk_connect.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_CONTEXT) +
SRCSTMF('/home/apache/jk/native/common/jk_context.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_context.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED)
+
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_LB_WORK) +
SRCSTMF('/home/apache/jk/native/common/jk_lb_worker.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_lb_worker.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MAP) +
SRCSTMF('/home/apache/jk/native/common/jk_map.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +

```



```

 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_map.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

```

#### CRTCMOD

```

MODULE(MOD_JK/JK_MD5) +
SRCSTMF('/home/apache/jk/native/common/jk_md5.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_md5.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

```

```

CRTCMOD MODULE(MOD_JK/JK_MSG_BUF) +
SRCSTMF('/home/apache/jk/native/common/jk_msg_buff.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_msg_buff.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')

```

```

CRTCMOD MODULE(MOD_JK/JK_POOL) +
SRCSTMF('/home/apache/jk/native/common/jk_pool.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_pool.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGLVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +

```

```
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_SOCKBUF) +
SRCSTMF('/home/apache/jk/native/common/jk_sockbuf.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_sockbuf.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_URI_W_M) +
SRCSTMF('/home/apache/jk/native/common/jk_uri_worker_map.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT')
+
TEXT('jk_uri_worker_map.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_URL) +
SRCSTMF('/home/apache/jk/native/common/jk_url.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_url.c') +
OPTIMIZE(40) +
LOCALETYPE(*LOCALEUTF) +
SYSIFCOPT(*IFSIO) +
LANGVL(*EXTENDED) +
TERASPACE(*YES) +
TGTRLS(*CURRENT) +
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPD/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_UTIL) +
SRCSTMF('/home/apache/jk/native/common/jk_util.c') +
DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
 '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
TEXT('jk_util.c') +
OPTIMIZE(40) +
```

LOCALETYPE(\*LOCALEUTF) +  
SYSIFCOPT(\*IFSIO) +

LANGLV(\*EXTENDED) +  
TERASPACE(\*YES) +  
TGTRLS(\*CURRENT) +  
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

CRTCMOD MODULE(MOD\_JK/JK\_WORKER) +  
SRCSTMF('/home/apache/jk/native/common/jk\_worker.c') +  
DEFINE('AS400' 'AS400\_UTF8' 'HAVE\_APR' +  
'\_XOPEN\_SOURCE=520' 'USE\_APACHE\_MD5' '\_REENTRANT') +  
TEXT('jk\_worker.c') +  
OPTIMIZE(40) +  
LOCALETYPE(\*LOCALEUTF) +  
SYSIFCOPT(\*IFSIO) +  
LANGLV(\*EXTENDED) +  
TERASPACE(\*YES) +  
TGTRLS(\*CURRENT) +  
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

CRTCMOD MODULE(MOD\_JK/JK\_STATUS) +  
SRCSTMF('/home/apache/jk/native/common/jk\_status.c') +  
DEFINE('AS400' 'AS400\_UTF8' 'HAVE\_APR' +  
'\_XOPEN\_SOURCE=520' 'USE\_APACHE\_MD5' '\_REENTRANT') +  
TEXT('jk\_status.c') +  
OPTIMIZE(40) +  
LOCALETYPE(\*LOCALEUTF) +  
SYSIFCOPT(\*IFSIO) +  
LANGLV(\*EXTENDED) +  
TERASPACE(\*YES) +  
TGTRLS(\*CURRENT) +  
INCDIR('/home/apache/jk/native/common'  
'/QIBM/ProdData/HTTP/Include')

CRTCMOD MODULE(MOD\_JK/JK\_SHM) +  
SRCSTMF('/home/apache/jk/native/common/jk\_shm.c') +  
DEFINE('AS400' 'AS400\_UTF8' 'HAVE\_APR' +  
'\_XOPEN\_SOURCE=520' 'USE\_APACHE\_MD5' '\_REENTRANT') +  
TEXT('jk\_shm.c') +  
OPTIMIZE(40) +  
LOCALETYPE(\*LOCALEUTF) +  
SYSIFCOPT(\*IFSIO) +  
LANGLV(\*EXTENDED) +  
TERASPACE(\*YES) +  
TGTRLS(\*CURRENT) +  
INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTP/Include')

```

CRTSRVPGM SRVPGM(MOD_JK/MOD_JK) +
 MODULE(MOD_JK/MOD_JK +
 MOD_JK/JK_AJP_COM MOD_JK/JK_AJP12_W +
 MOD_JK/JK_AJP13 MOD_JK/JK_AJP13_W +
 MOD_JK/JK_AJP14 MOD_JK/JK_AJP14_W +
 MOD_JK/JK_CONNECT MOD_JK/JK_CONTEXT +
 MOD_JK/JK_LB_WORK +
 MOD_JK/JK_MAP MOD_JK/JK_MD5 +
 MOD_JK/JK_MSG_BUF MOD_JK/JK_POOL +
 MOD_JK/JK_SOCKETBUF MOD_JK/JK_URI_W_M +
 MOD_JK/JK_URL +
 MOD_JK/JK_UTIL MOD_JK/JK_WORKER +

 MOD_JK/JK_STATUS MOD_JK/JK_SHM) +
 EXPORT(*SRCFILE) +
 BNDDIR() +
 TGTRLS(*CURRENT) +
 SRCFILE(MOD_JK/QSRVSR) +
 SRCMBR(MOD_JK) +
 USRPRF(*USER) +
 BNDSRVPGM(QHTTPSVR/QZSRAPR QHTTPSVR/QZSRCORE +
 QHTTPSVR/QZSRXMLP QHTTPSVR/QZSRSDBM) +
 TEXT('Apache Tomcat mod_jk connector module')

ENDPGM

```

# 1.286 gdbm 1.23

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Version 3, 29 June 2007

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# 1.287 pango 1.50.4

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That's all there is to it!

# 1.294 zeromq 4.3.4

## 1.294.1 Available under license :

wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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# 1.297 cronie 1.6.1

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Contributors to the EditorConfig Vim Plugin:

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\*uganda.txt\* For Vim version 9.1. Last change: 2022 Mar 02

VIM REFERENCE MANUAL by Bram Moolenaar

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SUMMARY

\*iccf\* \*ICCF\*

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<https://www.vim.org/iccf/>  
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Kibaale Children's Centre \*kcc\* \*Kibaale\* \*charity\*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there usually is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that in the past 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. Although AIDS is now mostly under control, the problems are still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a

production

site for cement slabs. These are used to build a good latrine.

They are sold below cost price.

There is a clinic at the project, which provides children and their family medical help. Since 2020 a maternity ward was added and 24/7 service is available. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

\*donate\*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

Check the ICCF web site for the latest information! See [|iccf|](#) for the URL.

USA: The methods mentioned below can be used.

If you must send a check send it to our Canadian partner:

<https://www.kuwasha.net/>

Canada: Contact Kuwasha in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. Kuwasha forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.

Please send me a note so that I know what has been donated because of Vim. Look on their site for information about sponsorship: <https://www.kuwasha.net/>

If you make a donation to Kuwasha you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in

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Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:

<https://iccf-holland.org/germany.html>

Europe: Use a bank transfer if possible. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

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[https://www.paypal.com/en\\_US/mrb/pal=XAC62PML3GF8Q](https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q)

The e-mail address for sending the money to is:

[Bram@iccf-holland.org](mailto:Bram@iccf-holland.org)

Others: Transfer to this account if possible:

ING bank: IBAN: NL95 INGB 0004 5487 74

Swift code: INGBNL2A

under the name "stichting ICCF Holland", Amersfoort

Checks are  
not accepted.

vim:tw=78:ts=8:noet:ft=help:norl:



# 1.301 xmlsec 1.2.33

## 1.301.1 Available under license :

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References

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\* AOL

<http://www.aleksey.com/pipermail/xmlsec/2003/005488.html>

<http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm>

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<http://www.aleksey.com/pipermail/xmlsec/2006/007410.html>

# 1.302 gnutls 3.7.4

## 1.302.1 Available under license :

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Version 2.1, February 1999

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

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That's all there is to it!

/\* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
```

```
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
```

```
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
```

```
#endif
```

```
#ifdef __cplusplus
```

```
extern "C" {
```

```
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be  
part of the last component.

If FILENAME has no relative file name components because it is a file  
system root, return the empty string.

Examples:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

|         |         |
|---------|---------|
| "foo.c" | "foo.c" |
|---------|---------|

|             |         |
|-------------|---------|
| "foo/bar.c" | "bar.c" |
|-------------|---------|

```

"/foo/bar.c" "bar.c"
"foo/bar/" "bar/"
"foo/bar/" "bar/"
"/" ""
"/" ""
"" ""

```

The return value is a tail of the given FILENAME; do NOT free() it! \*/

/\* This function was traditionally called 'basename', but we avoid this function name because

\* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

FILENAME

RESULT

```

"foo/bar/" ""
"foo/bar/" ""

```

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

FILENAME RESULT

```

"foo/bar/" "bar"
"foo/bar/" "bar"
"/" "/"
"/" "/"

```

\*/

extern char \*last\_component (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

/\* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base\_name or last\_component.

Act like strlen (FILENAME), except omit all trailing slashes. \*/

extern size\_t base\_len (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

#ifdef \_\_cplusplus

} /\* extern "C" \*/

#endif

#endif /\* \_BASENAME\_LGPL\_H \*/

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```

Constant-time SSSE3 AES core implementation.
version 0.1

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*/
#include <net-snmp/system/generic.h>

```

```

/*
 * the bsd route symbol adds an 's' at the end to this symbol name
 */
#undef RTTABLES_SYMBOL
#define RTTABLES_SYMBOL "rt_tables"

/*
 * BSD systems use a different method of looking up sockaddr_in values
 */
#define NEED_KLGETSA 1

#define UTMP_HAS_NO_TYPE 1
#define UTMP_HAS_NO_PID 1

```

# 1.304 inotify-tools 3.22.1.0

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## 1.306 kmod 29

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```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
 difficult for the compiler to generate a call to this. These are
 used as arguments to the function __VLTChangePermission, declared
 below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif
#endif
```

#endif /\* \_\_VTV\_H\_\_ \*/

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to



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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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## END OF TERMS AND CONDITIONS

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Version 3, 29 June 2007

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## TERMS AND CONDITIONS

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The

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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
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(This file is under construction.) -\*- text -\*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, [nickc@redhat.com](mailto:nickc@redhat.com) and I'll correct the situation.

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff

and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k,

i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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# 1.310 sysv-init 3.01

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```
-makefile-
```

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```
Commands to generate dependency files
```

```
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
```

```
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

```
Flags for position independent code
```

```
SHAREDLIBCFLAGS = -fPIC
```

```
SHAREDLIBCXXFLAGS = -fPIC
```

```
SHAREDLIBCPPFLAGS = -DPIC
```

```
Additional flags when building libraries and with threads
```

```
THREADSCPPFLAGS = -D_REENTRANT
```

```
LIBCPPFLAGS =
```

```
Compiler switch to embed a runtime search path
```

```
LD_RPATH=
```

```
LD_RPATH_PRE= -Wl,-rpath,
```

```
Compiler switch to embed a library name
```

```
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
```

```
Shared library options
```

```
LD_SOOPTIONS= -Wl,-Bsymbolic
```

```
Shared object suffix
```

```
SO = so
```

```
Non-shared intermediate object suffix
```

```
STATIC_O = ao
```

```

Compilation
rules
%. $(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/($*)\.o[:]*/1.o $@ : /g"' > $@; \
[-s $@] || rm -f $@

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/($*)\.o[:]*/1.o $@ : /g"' > $@; \
[-s $@] || rm -f $@

Versioned libraries rules

%. $(SO).$(SO_TARGET_VERSION_MAJOR): %. $(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%. $(SO): %. $(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}. $(SO).$(SO_TARGET_VERSION) $@

Bind internal references

LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

Dependencies [i.e. map files] for the final library
BIR_DEPS=

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

End BSD-specific setup

```

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/opt/cola/permits/2634185723\_1759119893.4891255/0/lsf-org-lsf-4-94-0-0-g005e014-1-tar-gz/lsf-org-lsf-005e014/scripts/idrlogin.perl5#!/usr/local/bin/perl  
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\$Id: list\_fields.awk,v 1.3 97/09/23 09:32:38 abe Exp \$  
/opt/cola/permits/2634185723\_1759119893.4891255/0/lsf-org-lsf-4-94-0-0-g005e014-1-tar-gz/lsf-org-lsf-005e014/scripts/list\_fields.perl#!/usr/local/bin/perl4  
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Found

in path(s):

\*

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

Notes for the distribution of lsof version 4

Found in path(s):

\* /lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/00DIST

# 1.314 protobuf-c 1.4.1

## 1.314.1 Available under license :

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# 1.315 python-pip 22.0.3

## 1.315.1 Available under license :

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Any executables

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
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| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
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| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
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| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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Upstream-Name: rdma-core

Upstream-Contact: Doug Ledford <dledford@redhat.com>,

Leon Romanovsky <Leon@kernel.org>

Source: <https://github.com/linux-rdma/rdma-core>

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# 1.317 libseccomp 2.5.3

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- cipher/sha256-avx2-bmi2-amd64.S
- cipher/sha256-ssse3-amd64.S
- cipher/sha512-avx-amd64.S
- cipher/sha512-avx2-bmi2-amd64.S
- cipher/sha512-ssse3-amd64.S
- cipher/sha512-ssse3-i386.c

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- random/jitterentropy.h
- random/rndjent.c (plus common Libgcrypt copyright holders)

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
/* This file uses _GL_ATTRIBUTE_PURE. */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif
```

```
#include <stddef.h>
```

```
#ifndef
DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
```

```
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/* Return the address of the last file name component of FILENAME.
```

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME     | RESULT  |
|--------------|---------|
| "foo.c"      | "foo.c" |
| "foo/bar.c"  | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/"   | "bar/"  |
| "foo/bar/"   | "bar/"  |
| "/"          | ""      |
| "//"         | ""      |
| ""           | ""      |

The return value is a tail of the given FILENAME; do NOT free() it! \*/

```
/* This function was traditionally called 'basename', but we avoid this
function name because
```

\* Various platforms have different functions in their libc.

In particular, the glibc basename(),

defined in <string.h>, does

not consider trailing slashes to be part of the component:

| FILENAME   | RESULT |
|------------|--------|
| "foo/bar/" | ""     |
| "foo/bar/" | ""     |

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME   | RESULT |
|------------|--------|
| "foo/bar/" | "bar"  |
| "foo/bar/" | "bar"  |
| "/"        | "/"    |
| "//"       | "/"    |

```
*/
```

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

Typically FILENAME is the value returned by base\_name or last\_component.

Act like strlen (FILENAME), except omit all trailing slashes. \*/

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

# 1.329 iproute 5.17.0

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## 1.330 i2c-tools 4.3

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Ty Coon, President of Vice
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## 1.334 libidn 1.36

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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/\* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME     | RESULT  |
|--------------|---------|
| "foo.c"      | "foo.c" |
| "foo/bar.c"  | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/"   | "bar/"  |
| "foo/bar//"  | "bar/"  |
| "/"          | ""      |
| "//"         | ""      |
| ""           | ""      |

The return value is a tail of the given FILENAME; do NOT free() it! \*/

```
/* This function was traditionally called 'basename', but we avoid this
function name because
```

```
 * Various platforms have different functions in their libc.
```



In particular, the glibc `basename()`, defined in `<string.h>`, does not consider trailing slashes to be part of the component:

FILENAME

RESULT

"foo/bar/" ""

"foo/bar//" ""

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

FILENAME RESULT

"foo/bar/" "bar"

"foo/bar//" "bar"

"/" "/"

"/" "/"

\*/

extern char \*last\_component (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

/\* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by `base_name` or `last_component`.

Act like `strlen (FILENAME)`, except omit all trailing slashes. \*/

extern size\_t base\_len (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

#ifdef \_\_cplusplus

} /\* extern "C" \*/

#endif

#endif /\* \_BASENAME\_LGPL\_H \*/

# 1.335 rsync 3.2.5

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Version 3, 29 June 2007

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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '&#10;'))"/>

<xsl:text>&#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '&#10;')"/>

<xsl:if test="translate(\$rest, '&#9;&#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

<xsl:variable name="isc.copyright.text">

<xsl:text>

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</xsl:text>

</xsl:variable>

<xsl:variable name="isc.copyright">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text">

<xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">

<xsl:text>Copyright (C) </xsl:text>

```

<xsl:call-template name="copyright.years">
 <xsl:with-param name="years" select="db:year"/>
</xsl:call-template>
<xsl:text> </xsl:text>
<xsl:value-of select="db:holder"/>
 <xsl:value-of select="$isc.copyright.breakline"/>
<xsl:text>
</xsl:text>
</xsl:for-each>
<xsl:value-of
select="$isc.copyright.text"/>
 </xsl:with-param>
</xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->
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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: \*

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# 1.340 screen 4.9.0

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## 1.343 inetutils 2.2

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```
#ifndef IFCONFIG_SYSTEM_BSD_H
define IFCONFIG_SYSTEM_BSD_H
include "../printf.h"
include "../options.h"
include <sys/socket.h>

/* BSD
variant chooser. */
if defined __DragonFly__
define IU_BSD_TYPE "dragonfly"
elif defined __FreeBSD__
define IU_BSD_TYPE "freebsd"
elif defined __FreeBSD_kernel__
define IU_BSD_TYPE "GNU/kFreeBSD"
elif defined __NetBSD__
define IU_BSD_TYPE "netbsd"
elif defined __OpenBSD__
define IU_BSD_TYPE "openbsd"
define ETHERNAME "lladdr"
else /* Exotic BSD versions. */
define IU_BSD_TYPE "unknownbsd"
endif

ifndef ETHERNAME
define ETHERNAME "ether"
endif
```



```

/* Option support. */

undef SYSTEM_SHORT_OPTIONS
undef SYSTEM_LONG_OPTIONS

struct system_ifconfig
{
 int valid;
};

/* Output format support. */

define _IU_CAT2(a, b) a ## b
define _IU_DCL(name, fld) \
 {#name, _IU_CAT2(system_fh_, fld) }
define _IU_EXTRN(fld) \
 extern void _IU_CAT2(system_fh_, fld) (format_data_t, int, char *[]); \

define SYSTEM_FORMAT_HANDLER \
 {"bsd", fh_nothing}, \
 {IU_BSD_TYPE, fh_nothing}, \
 {"brdaddr?", system_fh_brdaddr_query}, \
 {"brdaddr", \
 system_fh_brdaddr}, \
 {"hwaddr?", system_fh_hwaddr_query}, \
 {"hwaddr", system_fh_hwaddr}, \
 {"hwtype?", system_fh_hwtype_query}, \
 {"hwtype", system_fh_hwtype}, \
 {"media?", system_fh_media_query}, \
 {"media", system_fh_media}, \
 {"netmask?", system_fh_netmask_query}, \
 {"netmask", system_fh_netmask}, \
 {"status?", system_fh_status_query}, \
 {"status", system_fh_status}, \
 {"tunnel?", system_fh_tunnel_query}, \
 {"tundst", system_fh_tundst}, \
 {"tunsrc", system_fh_tunsrc}, \
 {"ifstat?", system_fh_ifstat_query}, \
 _IU_DCL (collisions, collisions), \
 _IU_DCL (rxbytes, rx_bytes), \
 _IU_DCL (rxdropped, rx_dropped), \
 _IU_DCL (rxerrors, rx_errors), \
 {"rxfifoerr", system_fh_missing_stat}, \
 {"rxframeerr", system_fh_missing_stat}, \
 _IU_DCL (rxpackets, rx_packets), \

```

```

_IU_DCL (txbytes, tx_bytes), \
{"txcarrier", system_fh_missing_stat}, \
_IU_DCL (txdropped, tx_dropped), \
_IU_DCL (txerrors, tx_errors), \
{"txfifoerr", system_fh_missing_stat},
\
_IU_DCL (txpackets, tx_packets),

void system_fh_brdaddr_query (format_data_t form, int argc, char *argv[]);
void system_fh_brdaddr (format_data_t form, int argc, char *argv[]);
void system_fh_hwaddr_query (format_data_t form, int argc, char *argv[]);
void system_fh_hwaddr (format_data_t form, int argc, char *argv[]);
void system_fh_hwtype_query (format_data_t form, int argc, char *argv[]);
void system_fh_hwtype (format_data_t form, int argc, char *argv[]);
void system_fh_media_query (format_data_t form, int argc, char *argv[]);
void system_fh_media (format_data_t form, int argc, char *argv[]);
void system_fh_netmask_query (format_data_t form, int argc, char *argv[]);
void system_fh_netmask (format_data_t form, int argc, char *argv[]);
void system_fh_status_query (format_data_t form, int argc, char *argv[]);
void system_fh_status (format_data_t form, int argc, char *argv[]);
void system_fh_tunnel_query (format_data_t form, int argc, char *argv[]);
void system_fh_tundst (format_data_t
form, int argc, char *argv[]);
void system_fh_tunsrc (format_data_t form, int argc, char *argv[]);

void system_fh_ifstat_query (format_data_t form, int argc, char *argv[]);
void system_fh_missing_stat (format_data_t form, int argc, char *argv[]);

_IU_EXTRN (rx_bytes)
_IU_EXTRN (tx_bytes)
_IU_EXTRN (rx_dropped)
_IU_EXTRN (tx_dropped)
_IU_EXTRN (rx_errors)
_IU_EXTRN (tx_errors)
_IU_EXTRN (rx_packets)
_IU_EXTRN (tx_packets)
_IU_EXTRN (collisions)

#endif /* IFCONFIG_SYSTEM_BSD_H */
/* Extract the last component (base name) of a file name.

```

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be  
part of the last component.

If FILENAME has no relative file name components because it is a file  
system root, return the empty string.

Examples:

| FILENAME     | RESULT  |
|--------------|---------|
| "foo.c"      | "foo.c" |
| "foo/bar.c"  | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/"   | "bar/"  |
| "foo/bar/"   | "bar/"  |
| "/"          | ""      |
| "//"         | ""      |
| ""           | ""      |

The return value is a tail of the given FILENAME; do NOT free() it! \*/

```
/* This function was traditionally called 'basename', but we avoid this
function name because
```

\* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does  
not consider trailing slashes to be part of the component:

```
FILENAME RESULT
```

```
"foo/bar/" ""
```

```
"foo/bar/" ""
```

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

```
FILENAME RESULT
```

```
"foo/bar/" "bar"
```

```
"foo/bar/" "bar"
```

```
"/" "/"
```

```
"/" "/"
```

```
*/
```

```
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
/* Return the length of the basename FILENAME.
```

Typically FILENAME is the value returned by base\_name or last\_component.

Act like strlen (FILENAME), except omit all trailing slashes. \*/

```
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
```

```
} /* extern "C" */
```

```
#endif
```

```
#endif /* _BASENAME_LGPL_H */
```

# 1.344 python-requests 2.27.1

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Requests

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# 1.345 python3-protobuf 3.20.3

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Anderson, Jamie  
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Andric, Dimitry  
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Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bos, Sander  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
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The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

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The following people designed the artwork used on the sudo website:

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However, linking a ``work that uses the Library'' with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the

library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a ``work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise,  
if the work is a derivative of the Library, you may  
distribute the object code for the work under the terms of Section 6.  
Any executables containing that work also fall under Section 6,  
whether or not they are linked directly with the Library itself.

@item

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this License. Also, you must do one  
of these things:

@enumerate a

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

@item

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@item

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@item

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@smallexample

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@page

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@smallexample

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and a brief idea of what it does.}

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This is free software, and you are welcome to redistribute it  
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@example

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@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

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man/bitstring.3bsd

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src/arc4random\_uniform.c

src/arc4random\_unix.h

src/arc4random\_win.h

src/closefrom.c

src/freezero.c

src/getentropy\_aix.c



src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
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Changes by Ben Collins <bcollins@debian.org>, added --chuid, --background and --make-pidfile options, placed in public domain as well.

Files: lib/compat/md5.\*

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- \* Small patch to fix Python CallMethod().

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- \* Small optimizations to Python serialization.

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

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

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

Brian Atkinson <nairb774@gmail.com>

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

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

- \* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

- \* Solaris 10 + Sun Studio fixes.

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

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

Brian Olson <brianolson@google.com>

- \* gzip/zlib I/O support.

Michael Poole <mdpooles@troilus.org>

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

Wink Saville <wink@google.com>

- \* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

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

Alexandre Vassalotti <alexandre@peadrop.com>

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

Scott Stafford <scott.stafford@gmail.com>

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

Alexander Melnikov <alm@sibmail.ru>

- \* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- \* Detect whether zlib is new enough in configure script.
- \* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

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

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

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

William Orr <will@worrbase.com>

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

Andrew Paprocki <andrew@ishiboo.com>

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

Nipunn Koorapati <nipunn1313@gmail.com>

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

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# 1.353 cracklib 2.9.8

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your  
school, if any, to sign a "copyright disclaimer" for the library, if  
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library `Frob' (a library for tweaking knobs) written by James  
Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected  
in released code until Nov 2009 - slow release cycle...)  
-----

Discussion thread from mailing list archive, with approval from everyone actively  
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly  
and see if he wants to relicense his code as LGPL... but at this point,  
it was enough to just get it consistent and documented as to what it was  
released under. This wasn't actually a license change, just a  
clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan



wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=2Dmike

Re: [Cracklib-devel]

cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46  
Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----  
> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license  
>=20  
> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec  
> directly  
> > and see if he wants to relicense his code as LGPL... but at this  
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> > it was enough to just get it consistent and documented as to what  
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> not  
> GPL-2 ... it was a modified artistic license ... i didnt notice the  
> license  
> change until it was mentioned in the latest notes.  
>=20  
> unlike the old license, GPL-2 prevents people from using cracklib  
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> applications are also GPL-2 which imo is just wrong. it isnt the  
> place of a  
> library  
to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I

think it is in everyone's

best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

> > Seems like the ideal thing here would be for you and the other distro  
> > maintainers to get together with Alec in a conversation and come to a  
> > decision as to what licensing scheme y'all want. I haven't really done  
> > much other than cleaning up the packaging and patches and a small  
> > bit of  
> > additional

code, so whatever licensing y'all come up with is fine

> > by me.

>

> I am sympathetic. Guys, what do you reckon?

>

> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>>> Seems like the ideal thing here would be for you and the other distro

>>> maintainers to get together with Alec in a conversation and come to a

>>> decision as to what licensing scheme y'all want. I haven't really done

>>> much other than cleaning up the packaging and patches and a small

>>> bit of

>>> additional code, so whatever licensing y'all come up with is fine

>>> by me.

>>

>> I am sympathetic. Guys, what do you reckon?

>>

>> What I am hearing so far is that LGPL makes sense, since it can be

>> linked with any code, not just GPL...

>

> My apologies for not chiming in in anything resembling a reasonable

> timeframe.

>

> I'd also suggest the LGPL, for the reason you noted above. Alternately,

> GPLv2 with the option of using

the library under a later version of the

> GPL would permit applications which were released under version 3 of the

> GPL to use the library, too, which would be sufficient for the packages

> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make

> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October

2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.

> >

> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we

> > make the change now ?

>

> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

-----  
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----  
From

alecm@crypticide.com Mon Oct 1 12:26:03 2007

Received: from umr-exproto2.cc.umd.edu ([131.151.0.192]) by UMR-CMAIL1.umd.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:03 -0500

Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umd.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:02 -0500

Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000

Received: from smtp1.srv.mst.edu (131.151.1.43)

by scanin-ipvs.cc.umd.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id I91Gxtpr020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from  
[82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length:  
585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

# 1.354 libuv 1.44.2

## 1.354.1 Available under license :

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=====

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\*/

#ifndef UV\_BSD\_H

#define UV\_BSD\_H

#define UV\_PLATFORM\_FS\_EVENT\_FIELDS \

uv\_\_io\_t event\_watcher; \

#define UV\_IO\_PRIVATE\_PLATFORM\_FIELDS \

int rcount; \

int wcount; \

#define UV\_HAVE\_KQUEUE 1

#endif /\* UV\_BSD\_H \*/

## 1.355 python3-asn1crypto 1.5.1

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builds/unix/pkg.m4

#

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```
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
```

```
#
subprojects/dlg
#
#
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Upstream-Contact: Doug Ledford <dledford@redhat.com>,  
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Source: <https://github.com/linux-rdma/rdma-core>

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```
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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.364 sockperf 3.10

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 \*  
 \*/

general:

exclude:

- "\\..git.\*"
- "\\..ci.\*"
- "\\..dockers.\*"
- "build.\*"
- "contrib/jenkins\_tests.\*"
- "contrib/valgrind.\*"
- "contrib/xlio-bench.\*"
- "contrib/\*\\.sh"
- "debian.\*"
- "doc.\*"
- ".\*\\.pdf"
- ".\*Makefile\\.am"
- ".\*CHANGES"
- ".\*LICENSE"
- ".\*authors"
- ".\*README"
- ".\*version"
- ".\*copying"
- ".\*news"
- ".\*\\.md"
- ".\*configure\\.ac"
- ".\*Jenkinsfile"
- ".\*\\.docx"
- ".\*\\.txt"
- ".\*\\.log"
- ".\*\\.cmake"
- ".\*\\.png"
- ".\*\\.conf"

- "\*.\\awk"
- "\*.\\pm"
- "\*.autogen\\sh"
- "\*.\\sln"
- "\*.\\vcxproj"
- "\*.\\vcxproj.filters"
- "\*.\\props"
- "\*.avner-test-orig"
- "\*.\\m4"

nbu-open-source:

include:

- "\*"

exclude:

- "\*.tests/gtest/common/tap\\h"
- "\*.tests/gtest/common/gtest\\h"
- "\*.tests/gtest/common/gtest-all\\cpp"
- "\*.tests/gtest/googletest/src/\*"
- "\*.tests/gtest/googletest/include/\*"

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: sockperf

Source: <url://example.com>

###

### Uncomment the following 2 lines to enable uscan to exclude non-DFSG components

### Files-Excluded: command/non-dfsg.exe

### docs/source/javascripts/jquery-1.7.1.min.js

###

### This is a autogenerated template for debian/copyright.

###

### Edit this according to the "Machine-readable debian/copyright file" as

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###

### Generate updated license templates with the "debmake -cc" to STDOUT

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## 1.365 mlnx-nfsrdma 24.10

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Source: <https://github.com/Mellanox/libvma>

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src/vma/lwip/init.h  
src/vma/lwip/ip.h  
src/vma/lwip/ip\_addr.h  
src/vma/lwip/opt.h  
src/vma/lwip/pbuf.c  
src/vma/lwip/pbuf.h  
src/vma/lwip/stats.h  
src/vma/lwip/tcp.c  
src/vma/lwip/tcp.h  
src/vma/lwip/tcp\_impl.h  
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src/vma/config\_parser.h

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exclude:

- "\\..git.\*"
- "\\..ci.\*"
- "\\..dockers.\*"
- "build.\*"
- "contrib/jenkins\_tests.\*"
- "contrib/valgrind.\*"
- "contrib/xlio-bench.\*"
- "contrib/\*\\.sh"
- "debian.\*"
- ".\*\\.pdf"
- ".\*Makefile\\.am"
- ".\*CHANGES"
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- ".\*license"
- ".\*\\.md"
- ".\*configure\\.ac"
- ".\*Jenkinsfile"
- ".\*\\.docx"
- ".\*\\.txt"
- ".\*\\.log"
- ".\*\\.cmake"
- ".\*\\.png"
- ".\*\\.conf"
- ".\*autogen\\.sh"
- #
- # Auto generated files
- #
- ".\*src/vma/config\_parser.\*"
- ".\*src/vma/config\_scanner\\.c"

nbu-open-source:

include:

- ".\*"

exclude:

- ".\*src/vma/lwip.\*"
- ".\*tests/gtest/common/tap\\.h"
- ".\*tests/gtest/googletest.\*"
- ".\*src/vma/util/list\\.h"
- ".\*contrib/scripts/libvma\\.spec\\.in"
- ".\*contrib/scripts/vma\\.service\\.in"

# 1.373 libxlio 3.40.2

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Upstream-Name: libxlio

Source: <https://github.com/Mellanox-lab/libxlio>

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src/core/lwip/pbuf.h

src/core/lwip/tcp.c

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general:

exclude:

- "\\,git.\*"
- "\\,ci.\*"
- "\\,dockers.\*"
- "build.\*"
- "contrib/jenkins\_tests.\*"
- "contrib/valgrind.\*"
- "contrib/xlio-bench.\*"
- "debian.\*"
- ".\*\\.pdf"
- ".\*Makefile\\.am"
- ".\*CHANGES"
- ".\*LICENSE"
- ".\*NOTICE"
- ".\*README"
- ".\*COPYING"

```

- "*.TODO"
- "*.license"
- "*.md"
- "*.sh"
- "*.configure.ac"
- "*.Jenkinsfile"
- "*.docx"
- "*.py"
- "*.txt"
- "*.log"
- "*.cmake"
- "*.png"
- "*.conf"
- "tests/nginx/constant_reply_module/config"
#
Auto generated files
#
- "src/core/config_parser.*"
- "src/core/config_scanner.c"

```

dual\_gpl\_2\_bsd\_3:

validate-spdx-license: True

include:

```
- "*"

```

exclude:

```

- "src/core/lwip.*"
- "tests/gtest/common/tap.h"
- "tests/gtest/googletest.*"
- "src/core/util/list.h"
- "contrib/scripts/libxlio.spec.in"
- "contrib/scripts/xlio.service.in"
- "docs/man/*.in"

```

# 1.374 mlx-steering-dump 1.0.0

## 1.374.1 Available under license :

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# 1.375 libssh 0.8.9

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# 1.376 grub 2.12

## 1.376.1 Available under license :

/\* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.

If FILENAME has some trailing slash(es), they are considered to be part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

```
FILENAME RESULT
```

```

"foo.c" "foo.c"
"foo/bar.c" "bar.c"
"/foo/bar.c" "bar.c"
"foo/bar/" "bar/"
"foo/bar//" "bar//"
"/" ""
"//" ""
"" ""

```

The return value is a tail of the given FILENAME; do NOT free() it! \*/

/\* This function was traditionally called 'basename', but we avoid this function name because

\* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

FILENAME    RESULT

```

"foo/bar/" ""
"foo/bar//" ""

```

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

FILENAME    RESULT

```

"foo/bar/" "bar"
"foo/bar//" "bar"
"/" "/"
"//" "/"

```

\*/

extern char \*last\_component (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

/\* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base\_name or last\_component.

Act like strlen (FILENAME), except omit all trailing slashes. \*/

extern size\_t base\_len (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

#ifdef \_\_cplusplus

} /\* extern "C" \*/

#endif

#endif /\* \_BASENAME\_LGPL\_H \*/

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Version 3, 29 June 2007

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```

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\*/

```
#ifndef GRUB_BSD_CPU_HEADER
```

```
#define GRUB_BSD_CPU_HEADER 1
```

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

```
#include <grub/relocator.h>
```

```
#include <grub/i386/freebsd_reboot.h>
```

```
#include <grub/i386/netbsd_reboot.h>
```

```
#include <grub/i386/openbsd_reboot.h>
```

```
#include <grub/i386/freebsd_linker.h>
```

```
#include
```

```
<grub/i386/netbsd_bootinfo.h>
```

```
#include <grub/i386/openbsd_bootarg.h>
```

```
enum bsd_kernel_types
```

```
{
```

```
 KERNEL_TYPE_NONE,
```

```
 KERNEL_TYPE_FREEBSD,
```

```
 KERNEL_TYPE_OPENBSD,
```

```
 KERNEL_TYPE_NETBSD,
```

```
};
```

```

#define GRUB_BSD_TEMP_BUFFER 0x80000

#define FREEBSD_B_DEVMAGIC OPENBSD_B_DEVMAGIC
#define FREEBSD_B_SLICESHIFT OPENBSD_B_CTRLSHIFT
#define FREEBSD_B_UNITSHIFT OPENBSD_B_UNITSHIFT
#define FREEBSD_B_PARTSHIFT OPENBSD_B_PARTSHIFT
#define FREEBSD_B_TYPERSHIFT OPENBSD_B_TYPERSHIFT

#define FREEBSD_MODTYPE_KERNEL "elf kernel"
#define FREEBSD_MODTYPE_KERNEL64 "elf64 kernel"
#define FREEBSD_MODTYPE_ELF_MODULE "elf module"
#define FREEBSD_MODTYPE_ELF_MODULE_OBJ "elf obj module"
#define FREEBSD_MODTYPE_RAW "raw"

#define FREEBSD_BOOTINFO_VERSION 1

struct grub_freebsd_bootinfo
{
 grub_uint32_t version;
 grub_uint8_t unused1[44];
 grub_uint32_t length;
 grub_uint8_t unused2;
 grub_uint8_t boot_device;
 grub_uint8_t unused3[18];
 grub_uint32_t kern_end;
 grub_uint32_t environment;
 grub_uint32_t tags;
} GRUB_PACKED;

struct freebsd_tag_header
{
 grub_uint32_t type;
 grub_uint32_t len;
};

grub_err_t grub_freebsd_load_elfmodule32 (struct grub_relocator *relocator,
 grub_file_t file, int argc,
 char *argv[], grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elfmodule_obj64 (struct grub_relocator *relocator,
 grub_file_t file, int argc,
 char *argv[],
 grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta32 (struct grub_relocator *relocator,
 grub_file_t file,
 const char *filename,
 grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta64 (struct grub_relocator *relocator,
 grub_file_t file,

```

```

 const char *filename,
 grub_addr_t *kern_end);

grub_err_t grub_netbsd_load_elf_meta32 (struct grub_relocator *relocator,
 grub_file_t file,
 const char *filename,
 grub_addr_t *kern_end);
grub_err_t grub_netbsd_load_elf_meta64 (struct grub_relocator *relocator,
 grub_file_t
file,
 const char *filename,
 grub_addr_t *kern_end);

grub_err_t grub_bsd_add_meta (grub_uint32_t type,
 const void *data, grub_uint32_t len);
grub_err_t grub_freebsd_add_meta_module (const char *filename, const char *type,
 int argc, char **argv,
 grub_addr_t addr, grub_uint32_t size);

struct grub_openbsd_ramdisk_descriptor
{
 grub_size_t max_size;
 grub_uint8_t *target;
 grub_uint32_t *size;
};

grub_err_t grub_openbsd_find_ramdisk32 (grub_file_t file,
 const char *filename,
 grub_addr_t kern_start,
 void *kern_chunk_src,
 struct grub_openbsd_ramdisk_descriptor *desc);
grub_err_t grub_openbsd_find_ramdisk64 (grub_file_t file,
 const char *filename,
 grub_addr_t kern_start,
 void *kern_chunk_src,
 struct grub_openbsd_ramdisk_descriptor *desc);

extern grub_uint8_t grub_bsd64_trampoline_start, grub_bsd64_trampoline_end;
extern grub_uint32_t grub_bsd64_trampoline_selfjump;
extern grub_uint32_t grub_bsd64_trampoline_gdt;

#endif
/* ! GRUB_BSD_CPU_HEADER */

```

## 1.377 hiredis 1.0.0

## 1.377.1 Available under license :

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ISC

## 1.378 rshim 2.1.5

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: rshim

Source: <https://github.com/Mellanox/rshim-user-space>

Files: \*

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# 1.379 tipc-utils 2.2.0

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```
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/benchmark/common_tipc.h/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/benchmark/server_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/c_api_demo/tipc_c_api_client.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/c_api_demo/tipc_c_api_server.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/c_api_demo/tipc_c_api_top_subscr.c/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/c_api_demo/tipcc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/c_api_demo/tipcc.h/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/connection_demo/client_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/connection_demo/server_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/hello_world/client_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/hello_world/server_tipc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/inventory_sim/inventory_sim.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/multicast_demo/client_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/multicast_demo/server_tipc.c/* -----
```

```

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/stream_demo/client_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/stream_demo/server_tipc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/topology_subscr_demo/client_tipc.c/* -----
--
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/demos/topology_subscr_demo/server_tipc.c/* -----
--
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/multicast_blast/group_cast.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-
gz/tipcutils/multicast_blast/mcast_tipc.c/* -----
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/tipcc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/tipcc.h/* ----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts.h/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_adapt.h/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_client.c/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_client_linux.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_common.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_server.c/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_server_linux.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/tipc-pipe/tipc-pipe.c/* -----

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/tipclog/tipc.h/*

```

Found in path(s):

\*

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

\*

\* client\_tipc.c

\*

\* Short description: TIPC benchmark demo (client side)

\*



\* -----  
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 \*  
 \* -----  
 \*/

Found

in path(s):

\* /tipcutils-2-2-0-1-tar-gz/tipcutils/demos/benchmark/client\_tipc.c

# 1.380 ofed-scripts 24.10

## 1.380.1 Available under license :

Format: <http://dep.debian.net/deps/dep5>

Upstream-Name: perftest

Source: <[url://example.com](http://example.com)>

Files: \*

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<years> <likewise for another author>

```

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Files: \*

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 \*/

# 1.382 grub-efi 2.12

## 1.382.1 Available under license :

/\* Extract the last component (base name) of a file name.

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H
```

```
#include <stddef.h>
```

```
#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
```

Return the address of the last file name component of FILENAME.  
 If FILENAME has some trailing slash(es), they are considered to be

part of the last component.

If FILENAME has no relative file name components because it is a file system root, return the empty string.

Examples:

| FILENAME     | RESULT  |
|--------------|---------|
| "foo.c"      | "foo.c" |
| "foo/bar.c"  | "bar.c" |
| "/foo/bar.c" | "bar.c" |
| "foo/bar/"   | "bar/"  |
| "foo/bar/"   | "bar/"  |
| "/"          | ""      |
| "//"         | ""      |
| ""           | ""      |

The return value is a tail of the given FILENAME; do NOT free() it! \*/

/\* This function was traditionally called 'basename', but we avoid this function name because

\* Various platforms have different functions in their libc.

In particular, the glibc basename(), defined in <string.h>, does not consider trailing slashes to be part of the component:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

|            |    |
|------------|----|
| "foo/bar/" | "" |
|------------|----|

|            |    |
|------------|----|
| "foo/bar/" | "" |
|------------|----|

\* The 'basename' command eliminates trailing slashes and for a root produces a non-empty result:

| FILENAME | RESULT |
|----------|--------|
|----------|--------|

|            |       |
|------------|-------|
| "foo/bar/" | "bar" |
|------------|-------|

|            |       |
|------------|-------|
| "foo/bar/" | "bar" |
|------------|-------|

|     |     |
|-----|-----|
| "/" | "/" |
|-----|-----|

|      |     |
|------|-----|
| "//" | "/" |
|------|-----|

\*/

extern char \*last\_component (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

/\* Return the length of the basename FILENAME.

Typically FILENAME is the value returned by base\_name or last\_component.

Act like strlen (FILENAME), except omit all trailing slashes. \*/

extern size\_t base\_len (char const \*filename) \_GL\_ATTRIBUTE\_PURE;

#ifdef \_\_cplusplus

} /\* extern "C" \*/

#endif

#endif /\* \_BASENAME\_LGPL\_H \*/

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Version 3, 29 June 2007

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```
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```

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\*/

```
#ifndef GRUB_BSD_CPU_HEADER
```

```
#define GRUB_BSD_CPU_HEADER 1
```

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

```
#include <grub/relocator.h>
```

```
#include <grub/i386/freebsd_reboot.h>
```

```
#include <grub/i386/netbsd_reboot.h>
```

```
#include <grub/i386/openbsd_reboot.h>
```

```
#include <grub/i386/freebsd_linker.h>
```

```
#include
```

```
<grub/i386/netbsd_bootinfo.h>
```

```
#include <grub/i386/openbsd_bootarg.h>
```

```
enum bsd_kernel_types
```

```
{
```

```

 KERNEL_TYPE_NONE,
 KERNEL_TYPE_FREEBSD,
 KERNEL_TYPE_OPENBSD,
 KERNEL_TYPE_NETBSD,
};

#define GRUB_BSD_TEMP_BUFFER 0x80000

#define FREEBSD_B_DEVMAGIC OPENBSD_B_DEVMAGIC
#define FREEBSD_B_SLICESHIFT OPENBSD_B_CTRLSHIFT
#define FREEBSD_B_UNITSHIFT OPENBSD_B_UNITSHIFT
#define FREEBSD_B_PARTSHIFT OPENBSD_B_PARTSHIFT
#define FREEBSD_B_TYPERSHIFT OPENBSD_B_TYPERSHIFT

#define FREEBSD_MODTYPE_KERNEL "elf kernel"
#define FREEBSD_MODTYPE_KERNEL64 "elf64 kernel"
#define FREEBSD_MODTYPE_ELF_MODULE "elf module"
#define FREEBSD_MODTYPE_ELF_MODULE_OBJ "elf obj module"
#define FREEBSD_MODTYPE_RAW "raw"

#define FREEBSD_BOOTINFO_VERSION 1

struct grub_freebsd_bootinfo
{
 grub_uint32_t version;
 grub_uint8_t unused1[44];
 grub_uint32_t length;
 grub_uint8_t unused2;
 grub_uint8_t boot_device;
 grub_uint8_t unused3[18];
 grub_uint32_t kern_end;
 grub_uint32_t environment;
 grub_uint32_t tags;
} GRUB_PACKED;

struct freebsd_tag_header
{
 grub_uint32_t type;
 grub_uint32_t len;
};

grub_err_t grub_freebsd_load_elfmodule32 (struct grub_relocator *relocator,
 grub_file_t file, int argc,
 char *argv[], grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elfmodule_obj64 (struct grub_relocator *relocator,
 grub_file_t file, int argc,
 char *argv[],
 grub_addr_t *kern_end);

```

```

grub_err_t grub_freebsd_load_elf_meta32 (struct grub_relocator *relocator,
 grub_file_t file,
 const char *filename,
 grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta64 (struct grub_relocator *relocator,
 grub_file_t file,
 const char *filename,
 grub_addr_t *kern_end);

grub_err_t grub_netbsd_load_elf_meta32 (struct grub_relocator *relocator,
 grub_file_t file,
 const char *filename,
 grub_addr_t *kern_end);
grub_err_t grub_netbsd_load_elf_meta64 (struct grub_relocator *relocator,
 grub_file_t
file,
 const char *filename,
 grub_addr_t *kern_end);

grub_err_t grub_bsd_add_meta (grub_uint32_t type,
 const void *data, grub_uint32_t len);
grub_err_t grub_freebsd_add_meta_module (const char *filename, const char *type,
 int argc, char **argv,
 grub_addr_t addr, grub_uint32_t size);

struct grub_openbsd_ramdisk_descriptor
{
 grub_size_t max_size;
 grub_uint8_t *target;
 grub_uint32_t *size;
};

grub_err_t grub_openbsd_find_ramdisk32 (grub_file_t file,
 const char *filename,
 grub_addr_t kern_start,
 void *kern_chunk_src,
 struct grub_openbsd_ramdisk_descriptor *desc);
grub_err_t grub_openbsd_find_ramdisk64 (grub_file_t file,
 const char *filename,
 grub_addr_t kern_start,
 void *kern_chunk_src,
 struct grub_openbsd_ramdisk_descriptor *desc);

extern grub_uint8_t grub_bsd64_trampoline_start, grub_bsd64_trampoline_end;
extern grub_uint32_t grub_bsd64_trampoline_selfjump;
extern grub_uint32_t grub_bsd64_trampoline_gdt;

#endif

```

# 1.383 xpmem 2.7.4

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Version 2.1, February 1999

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exclude:

- "\\.\git.\*"

- "\\.\ci.\*"

- "\\dockers.\*"
- "build.\*"
- "config.\*"
- "contrib.\*"
- "debian.\*"
- "tools.\*"
- ".\*\\.sln"
- ".\*\\.vcxproj"
- ".\*\\.vcxproj.filters"
- ".\*\\.props"
- ".\*\\.pdf"
- "\*Makefile\\.am"
- "\*LICENSE"
- "\*NOTICE"
- "\*README\\.md"
- "\*license"
- ".\*\\.md"
- ".\*\\.sh"
- ".\*configure\\.ac"
- "\*Jenkinsfile"
- ".\*\\.docx"
- ".\*\\.py"
- ".\*\\.txt"
- ".\*\\.log"
- ".\*\\.in"
- ".\*\\.cmake"
- ".\*\\.png"
- ".\*\\.m4"

bsd:

include:

- "\*"

exclude:

- ".\*tests/gtest/common/tap\\.h"
- ".\*tests/gtest/common/gtest\\.h"
- ".\*tests/gtest/common/gtest-all\\.cpp"
- ".\*tests/gtest/include/getopt\\.h"
- ".\*contrib/scripts/dpcp\\.spec\\.in"

# 1.386 lasso 2.9.0

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Upstream-Name: ibarr

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## 1.390 rng-tools 6.15

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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KNEM 1.1.4.90mlnx3

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} AnonThpTprotobuf:"varint,10,opt,name=anon_thp,json=anonThp,proto3" json:"anon_thp,omitempty"
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DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints"
ExitedAtSprotobuf:"bytes,2,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at"
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GoPackageRprotobuf:"bytes,11,opt,name=go_package,json=goPackage" json:"go_package,omitempty"
KubeletEndpointLjson:"kubeletEndpoint,omitempty" protobuf:"bytes,1,opt,name=kubeletEndpoint"
NetNSMountsUnderStateDirCtoml:"netns_mounts_under_state_dir" json:"netnsMountsUnderStateDir"
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tgz/docker/ctrsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/ctrsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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keyca.pemcaret;caron;causesccaps;ccedilccirc;ccups;cedil;cephfschan<-

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ustar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerDOWNGRD DSA-  
SHA1DataLossDecemberDefault:Detail:

Details:DevmajorDevminorDiamond;DiffCopyDisable:Divisor:DownTee;Drivers:DuployanDurationElement;Endp  
ointEntries:EnvFrom:Epsilon;EthiopicExtenderFINISHEDFSGroup:FebruaryFields:

FieldsV1Filters:Flocker:GODEBUG=Gateway:Generic:GeorgianGitRepo:GoStringGujaratiGurmukhiHOSTNAME  
HTTP/1.1HTTP/2.0HTTPGet:Handler:HeadlessHiraganaHostIPC:HostPID:HostnameIMAGE

IDINSECUREINTERNALIPBlock:ImageID:Implies;Indices:Ingress:InstFailInstRuneInternalJavaneseJstype:

KatakanaKayah\_LiKeyring:LeftTee;Linear\_ALinear\_BLinknameListMetaLocale:  
LocationMD5+SHA1MahajaniManager:ManifestMaxSkew:MemUsageMembers:Message:Method:  
Methods:Metrics:Mixins:  
ModTime:Monitor:NETWORKSNO\_ERRORNO\_PROXYNetwork:NetworksNewLine;NoBreak;NodeBoolNodeI  
Ds:NodeListNodeSpecNodeTextNotFoundNotLess;NovemberNumber:  
OFFICIALORPHANEDOSImage:OI\_ChikiOmicron;Oneofs:  
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obyte:RBDPool:REJECTEDREPLICASROLLBACKRPRIVATERTMAX-10RTMAX-11RTMAX-12RTMAX-  
13RTMAX-  
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15ReadBoolReadInt8ReceivedRelated:Rem  
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KeyRunning:Runtime:SELinux:SERVICESSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-  
512SHUTDOWNSTARTINGSameSiteSaturdayScaleIO:Scopes: Seconds:Secret:  
Secrets:SelectByService:ServicesSigned:  
SnapshotSources:StackAPIStarted:Streams:SubPath:Subject:Subsets:Suspend:Syntax:  
Sysctl:TLSInfo:TagbanwaTai\_ThamTai\_VietTaskIDs:TaskSpecThursdayTifinaghTimeout:Trailer:TypeAAATyp  
eAXFRTTypeMetaTypeUrl:UPDATINGugariticUlimits:UpArrow;Uparrow;Updates:Upsilon;User  
PinUserInfoUsernameValues: Version:Volumes:Waiting:Webhook:Xattrs: ZgotmplZ[%s>%s]  
[:1]:53[:word:][[]Event{[]Lease{[]PodIP{[]Taint{[a-zA-Z][mapKey][signal "@type":"Config""value":

Found in path(s):

\* \*specs.WindowsStorageResources

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdDOWNGRD DSA-  
SHA1DataLossDatetimeDecemberDetail: Details:DevmajorDevminorDiamond;DiffCopyDigest:  
Disable:DownTee;DuployanDurationECC-  
GOSTElement;EndpointEntries:EnvelopeEpsilon;EthiopicExports:ExtenderFailFastFailcnt:FebruaryFields:  
Filters:FunctionGODEBUG=Gateway:Generic:GeorgianGetTokenGoStringGujaratiGurmukhiHTTP/1.1HTTP/2.0H  
ashes: HiraganaHugetlb:INDIRECTINSECUREINTERNALIPAMDataIf-  
MatchIgnore()Implies;Indices:Ingress:InitErr:InstFailInstRuneInternalJavaneseJstype:  
KatakanaKayah\_LiKmsKeyIdLearningLeaving:LeftTee;Linear\_ALinear\_BLinknameListPidsLocale:  
LocationLogEntryLowerDirMD5+SHA1MahajaniManager:ManifestMappingsMembers:Message:Method:  
Methods:Metrics:Mixins: ModTime:Monitor:NO\_ERRORNO\_PROXYNS(None)NS(none)NSAP-  
PTRNXDOMAINNetwork:NewLine;No such  
NoBreak;NodeIDs:NodeLeftNodeNameNodeSpecNotFoundNotLess;NovemberNumber: ONBUILD  
OPTIONALORPHANEDOI\_ChikiOmicron;Oneofs:  
OomKill:OpenTcp:Options:OverBar;PREVIOUSPRIORITYPacked:  
ParseIntPayload:Periods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags\_PaPidsStatPlatformPlugins:PriorityProcess:ProdFi  
psProduct;ProxyArpQuestionREJECTEDREQUIREDROLLBACKRPRIVATERSSHuge:RTMAX-10RTMAX-  
11RTMAX-12RTMAX-13RTMAX-  
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadFileReadInt8Rea  
dOnlyReceivedRefCountReloadedRemove()Removed:RemovingReservedResourceRestart:RestrictRetries:Root  
DirRuntime:RxBytes:SERVFAILSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-512SHELL  
%vSHUTDOWNSTARTINGSameSiteSamples:SaturdayScopes: Secret:  
Secrets:SelectByService:ShimInfoShimPid:ShutdownSigned: StatFileStreams:Subject:Syntax:  
Sysctl:TARGETOSTLSInfo:TagbanwaTai\_ThamTai\_VietTaskIDs:TaskNameTaskSpecThrottleThursdayTifinagh



```
%vTimeout:Trailer:TreeHashTxBytes:TypeAAATypeAXFRTTypeUrl:UDPErrrorUPDATINGUgariticUlimits:UpA
rrow;Uparrow;Updates:UpperDirUpsilon;Values: VariableVariant:Version:VolatileWORKDIR XAddModeXattrs:
YXDOMAINZgotmplZ[%d->%d][%s>%s] [%s]: %v[::1]:53[:word:][DEBUG] []Image[{a-z-A-Z}[mapKey][signal
[zfs] %s"@type":"attrs":"config""value":
```

\*

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

decodeVarintSlow/opt/cola/permits/2638087389 1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

\*channelz.channel \*cipher.BlockMode \*cli.DurationFlag \*cli.IntSliceFlag \*cli.RequiredFlag \*cni.ConfigResult  
\*containerd.Image/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr  
\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctr \*[]\*timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctr

Found in path(s):

\* json:"msg" MulticastAddr OnlyCachedConn ProgressOutput ReadBufferSize ReplaceAllFunc RequiredNotSet  
ReservedRanges ResponseToHEAD RevocationTime ScalarBaseMult SetEmitEnabled SetReuseFrames  
SetWithComment SetWithOptions SetWriteBuffer SetsockoptByte SignatureValue SkipAdditional SkipAllAnswers  
SkipArgReorder StreamsStarted TransferCTable TypeDescriptor UnmarshalState VerifiedChains VerifyHostname  
VersionService WriteRSTStream XXX\_OneofFuncs  
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdr\*struct { F uintptr;  
wg \*sync.WaitGroup; s \*grpc.Server; st transport.ServerTransport; roundRobinCounter \*uint32 }

Found in path(s):

\* PgdeactivateOprotobuf:"varint,27,opt,name=pgdeactivate,proto3" json:"pgdeactivate,omitempty"  
PodAntiAffinityLjson:"podAntiAffinity,omitempty" protobuf:"bytes,3,opt,name=podAntiAffinity"  
PreferAvoidPodsLjson:"preferAvoidPods,omitempty" protobuf:"bytes,1,rep,name=preferAvoidPods"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,1,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,2,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,4,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,6,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty"  
protobuf:"bytes,7,opt,name=resourceVersion" StoragePolicyIDLjson:"storagePolicyID,omitempty"  
protobuf:"bytes,4,opt,name=storagePolicyID" VolumeNamespaceLjson:"volumeNamespace,omitempty"  
protobuf:"bytes,2,opt,name=volumeNamespace"  
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*sha512.digest  
\*snapshots.Opt \*sort.IntSlice \*spdy.StreamId \*specs.Process \*specs.Solaris \*specs.VMImage  
\*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
\*zstd.fseState AbsolutePrefix AdActorSysPrio AddASN1Boolean AddASN1UTCTime AddMatchSignal  
AddNetworkList AllAdditional AllAuthorities AppendFullName ApplyWithError AsFloat64Slice AuthorityKeyId  
AuthorizerOpts BalancerConfig BorrowIterator BoundaryBefore BreakWithError BytesBase64Var C\_CloseSession  
C\_CreateObject C\_DecryptFinal C\_DigestUpdate C\_EncryptFinal C\_GetTokenInfo C\_VerifyUpdate CallsSucceeded  
CapabilityArgs ChannelzMetric CheckSignature CheckpointOpts ChildSpanCount ClockFrequency CloseWithError  
CombinedOutput CommonAuthInfo CompareAndSwap CompressorType ContainerStats ContentSubtype  
ConvertSchema1 Cpu  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*sha512.digest  
\*socks.Command \*sort.IntSlice \*ssh.PublicKey  
\*ssh.Signature/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
\*zip.nopCloser AddASN1Boolean AddASN1UTCTime AllAdditional AllAuthorities Aud  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*solver.expDep  
\*sort.IntSlice \*source.Source \*specs.Process \*specs.Solaris \*specs.VMImage \*specs.Windows \*srslog.Framer  
\*srslog.Writer \*ssh.PublicKey \*ssh.Signature/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-

17-tgz/docker/dockerd \*zk.syncRequest AAAA

Found

in path(s):

\* ZeroReadIsEOF

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslic/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxytime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslic/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd-I-L-N-O-P-R-S-X-c-d-e-f-i-j-m-n-o-p-q-r-s-t-u-v-w.\*...0.1.:\_/\*.////=/C/S/i00010X0b0n0o0s0x1.13255380:  
:/:::=:]; <!<-<<<=<<<?<@=#='===?=">  
>=>?=?>??A3A4BEBYCACHCNCSCcCfCoCsDHDSEBGAGBGOGTHSIDINIOKBKXLELPLTLILmLoLtLuMBMDMFMGMRMXMcMeMnMuNSNdNlNoNuOKOUOsPBPXPcPdPePfPiPoPsRPRTSTScSkSmSoTATBTZTeToUPV0V1V2V3V5V6V7XiYBYiZBZ"ZIZpZs[?][[^")":>"

Found in path(s):

\* found bad pointer in Go heap (incorrect use of unsafe or cgo?)runtime: internal error: misuse of lockOSThread/unlockOSThreadruntime.SetFinalizer: pointer not at beginning of allocated blockbytes.Buffer: UnreadByte: previous operation was not a successful readcannot convert slice with length %y to pointer to array with length %xtoo many concurrent operations on a single file or socket (max 1048575)reflect.Value.Interface: cannot return value obtained from unexported field or methodreflect: New of type that may not be allocated in heap (possibly undefined cgo C type)00010203040506070809101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found in path(s):

\* \*cmp.PathStep

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
*runtime.wbBuf *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows
*status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-
shim{ }|0|1|=||}
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
*sha256.digest *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *stats.CPUStat
*stats.IOEntry *stats.Metrics *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd-shim-runc-v2
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-
shim-runc-v2$%')+-.013:<=>?@FMPSZ^`dfghikmnopqstuvy|
+ @ P [!=%--%=%T%d%q%v%x&&&=&^("))()
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc
```

Found in path(s):

\* lazyInitSlow

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdX*struct { Type string;
Actions [][]uint8; Indexes [][]int "json:\\"indexes,omitempty\\""} }
```

Found in path(s):

\* \*snapshots.snapshotsListServer

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
```

tgz/docker/dockersort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockertime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerpath.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/golang/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/co  
la/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*boolSliceValue).GetSlice/opt/cola/permits  
/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*durationSliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*float32SliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*float64SliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*int32SliceValue).GetSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*int64SliceValue).GetSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Set/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Type/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).String/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Append/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Replace/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).GetSlice/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389\_  
1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).GetIntSlice/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVar/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newIntSliceValue/opt/cola/permits/2638087  
389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVarP/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSlice/opt/cola/permits/263808  
7389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceP/opt/cola/permits/26380

87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*ipSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*stringArrayValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*stringSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Set/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Type/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).String/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Append/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).fromString/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Replace/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).toString/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).GetUintSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newUintSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVarP/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceP/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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MIT License (MIT)

Found in path(s):

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* VolumeOptionsdprotobuf:"bytes,6,opt,name=volume_options,json=volumeOptions,proto3"
json:"volume_options,omitempty" Webhooksijson:"webhooks,omitempty" patchStrategy:"merge"
patchMergeKey:"name" protobuf:"bytes,2,rep,name=Webhooks"
No license file was found, but licenses were detected in source scan.
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tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Set/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Type/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).String/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Append/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Replace/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).GetIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

[illegible]

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/moby/buildkit/solver.toResultSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/moby/buildkit/solver/lbbsolver/mounts.CacheMountsLocker/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.convTsSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).Clear/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).InitLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/docker/swarmkit/api.(\*SelectBy).GetSlot/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.decIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.decUIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.encIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.encUIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/gorilla/mux.(\*Router).StrictSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListClient).Recv/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListServer).Send/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListClient).CloseSend/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListClient).Context/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

[illegible]

[illegible]

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).GetUintSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVarP/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceP/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdtype..eq.github.com/docker/docker/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdtype..eq.github.com/docker/docker/vendor/github.com/spf13/pflag.uintSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/moby/buildkit/solver.toResultSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.convTslice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.printslice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*durationSliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*float32SliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*float64SliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int32SliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int64SliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).String.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).String.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-msgpack/codec.uintSliceType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-msgpack/codec.intSliceType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-msgpack/codec.uintSliceTypeId/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-msgpack/codec.intSliceTypeId/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.decIntSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-

20-10-17-

tgz/docker/dockerdencoding/gob.decUintSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/spf13/pflag.intSliceValue,github.com/docker/docker/vendor/github.com/spf13/pflag.Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/spf13/pflag.UintSliceValue,github.com/docker/docker/vendor/github.com/spf13/pflag.Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgo.itab.sort.IntSlice,sort.Interface/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient,github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.Snapshots\_ListClient/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer,github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.Snapshots\_ListServer/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runc getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

\*uintptr Absolute ActorKey AdSelect AddChild AddrType Addtype ApplyDir Assemble Attached Attr\_clr Attr\_set Binomial Bounding Buffered ByNumber BytesPtr CanMknod CapNames Category Commands Compiled Constant Contains CopyList CopyPipe CoreDump CountFds CriuPath DNSStart Deadline DefValue Duration ElseList EncodeT Encoding ExitCode ExitFunc Exporter Extensee FieldMap FileLine FilePath FileSize Filename FindType FlowInfo Flowinfo Footnote FullName Function GetExtra GetGitid GetIfOut GetInode GetLevel GetPaths GetState GetStats GetUsage GetValue GetVeths GoString GroupIds HashFunc HelpName HideHelp InitArgs InitJSON InitPath Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsFenced IsHeader IsPacked IsPinned IsPublic IsStream IsUint64 JSONN KillUnit KindFlag LacpRate Learning LinkData LinkType ListData ListJobs Location LogLevel LookupIP LookupMX LookupNS MACAddrs MapIndex MapRange MapValue Messages Metadata MinLinks MulRange Multiply NewField NewValue NodeType Nsignals NumEnums NumField NumFiles NumFlags NumPorts OCISState Optional PMtuDisc ParentID PeerName PortHigh Position Pow22523 PreferGo Protinfo Protocol ProxyArp Question Queue\_id RawFlags RawWrite ReadByte ReadFrom ReadLine ReadRune ReaderAt Readlink Required Resolver Rootless RunCount RunHooks RxErrors Scope\_id Sections Sequence Services SetALUOp SetBytes SetEDNS0 SetFlags SetFloat SetInt64 SetLevel ShellJob Shstrndx Shutdown Signaled Simplify SizeType SkipTrue Snapshot Spoofchk StatusFd StopUnit SubState Subtract SysUsage TextName Truncate TxErrors TypeName UnitName UnixConn UnixNano UserTime Username Validate VisitAll Warningf WithTime WriteInt

WriteMsg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found

in path(s):

\* UnsolicitedLprotobuf:"varint,2,opt,name=unsolicited,proto3" json:"unsolicited,omitempty"

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc \*sha512.digest

\*sort.IntSlice \*specs.Process \*specs.Solaris \*specs.VMImage

\*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

\*unix.\_Socklen \*user.ExecUser AbsolutePrefix AdActorSysPrio AddMatchSignal AllAdditional AllAuthorities AppendFullName ApplyWithError CPU

Found in path(s):

\* \*dbus.Variant

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func()
*v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker *transport.userAgentRoundTripper *trustmanager.ErrPasswordInvalid
*v1.CephFSPersistentVolumeSource *v1.CinderPersistentVolumeSource *v1.MutatingWebhookConfiguration
*v1.SubjectAccessReviewInterface *v1alpha1.ClusterRoleBindingList *v1alpha1.EndpointSliceInterface
*v1alpha1.PriorityClassInterface *v1alpha1.SettingsV1alpha1Client *v1alpha1.VolumeAttachmentSource
*v1alpha1.VolumeAttachmentStatus *v1alpha3.ServiceConfigObjConfig *v1beta1.DaemonSetUpdateStrategy
*v1beta1.DeploymentConditionType
*v1beta1.ExtensionsV1beta1Client *v1beta1.NetworkPolicyEgressRule *v1beta1.NetworkingV1beta1Client
*v1beta1.PodDisruptionBudgetList *v1beta1.PodDisruptionBudgetSpec *v1beta1.PodManagementPolicyType
*v1beta1.ReplicaSetConditionType *v1beta1.RollingUpdateDeployment *v1beta1.SchedulingV1beta1Client
*v1beta1.SelfSubjectAccessReview *v1beta1.StorageV1beta1Interface
*v1beta1.SubjectAccessReviewSpec/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker" *func(*v1alpha1.EndpointSliceList)/opt/cola/permits/2638087389_1758660464.1729765/0/dock
er-20-10-17-tgz/docker/docker# *func()
*v1alpha1.EndpointSliceList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker- *func(string)
v1alpha1.EndpointSliceInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker0 *func(v1.ListOptions) (*v1.EndpointsList,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker: *func(v1.ListOptions)
(*v1alpha1.EndpointSliceList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker= *func(string, v1.GetOptions) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker? *func(*v1alpha1.EndpointSlice) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerS *func(string,
types.PatchType, []uint8, ...string) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerX *struct { Version
int; P *big.Int; Q *big.Int; G *big.Int; Pub *big.Int; Priv *big.Int }
```

Found in path(s):

\* \*func(\*v1alpha1.EndpointSlice)

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerdTLS_ECDHE_RSA_WITH_AES_128_CBC_SHA TLS_ECDHE_RSA_WITH_AES_256_CB
C_SHA Unable to write frame to %d: %v
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-
shimruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd-
shimruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd-shimruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
```



17-tgz/docker/containerd-shimruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimtime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimpath.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/pkg/errors/StackTrace.formatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow.dwrap-4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow.dwrap-3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

runc-v2 getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.convTslices/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2time.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2reflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2path.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc

v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/  
 permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/co  
 la/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/  
 cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow  
 /opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow  
 ·dwrap-4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow  
 ·dwrap-3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
 v2github.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/263808  
 7389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/ctrutdot;utimesutrif;uuarr;v%d.%dvBarv;vDash;value:varintvarpi;vdash;veeeq;vltri;vnsup;vnsup;void#0  
 vprop;vrtri;waitidwcirc;wedge;weightwritevcirc;xdtri;xhArr;xharr;xlArr;xlarr;xodot;xrArr;xrarr;xutri;yacuteycirc;  
 %gs  
 UUID: %v=%v, (conn) (scan (scan) (trap MB in Value> action allocs dying= error flags= len=%d locks= m-  
 >g0= nmsys= s=nil  
 /opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/ctrTLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA256\_TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA  
 [flags] CONTAINER [CONTAINER, ...]adding nil Certificate to CertPoolallow connections using plain  
 HTTParchive/tar: header field too longbad pointer in byte slice case in bad scalar length: %d, expected %dbad tag in  
 lazy extension decodingbetterFastEncoder: Reset with dictcan't evaluate field %s in type %scan't handle %s for arg  
 of type %scan't read type info for id %v: %vcant write instruction offset: %vcannot load seccomp profile %q:  
 %vcannot unmarshal an event from Anycgroups: unable to remove paths %schacha20:  
 wrong HChaCha20 key sizeconnection doesn't support  
 Ed25519containerd.events.TaskCheckpointedcontainerd.io/defaults/snapshottercontainerd.io/distribution.source.con  
 tainerd.task.v2.ConnectResponsecontainerd.task.v2.ShutdownRequestcould not get free loop device: %wcould not  
 open loop device: %s: %wcrypto/aes: invalid buffer overlapcrypto/des: invalid buffer overlapcrypto/rc4: invalid  
 buffer overlapcrypto/rsa: missing public modulusdoaddtimer: P already set in timerdriver: remove argument from  
 queryduration (%v) exceeds +10000 yearsduration (%v) exceeds -10000 yearsenable the default seccomp  
 profileerror setting option on socket: %vexecutable file not found in \$PATHexpected an RSA public key, got  
 %Texpected comma after array elementexports content from all platformsextraction snapshot removal failedfailed to  
 mount from repository %sfailed to read config file: %v: %wfailed to resolve reference %q: %wfailed to set loop  
 device info: %vfailed to unmarshal raw result: %wfailed to write image manifest:  
 %wflag provided but not defined: -%sforEachP: sched.safePointWait !=  
 0frame\_settings\_window\_size\_too\_bigframe\_windowupdate\_zero\_inc\_streamgogoproto.goproto\_unrecognized\_all  
 google.protobuf.FieldOptions\_CTypegoogle.protobuf.Struct.FieldsEntrygrpc: message too large (%d bytes)http2:  
 aborting request body writehttp: MultipartReader called twicehttp: connection has been hijackedhttp:  
 persistConn.readLoop exitinghttp: read on closed response bodyi/o operation on closed connectionillegal base64  
 data at input byte in \u hexadecimal character escapeinternal error: block too big (%d)invalid nested repetition  
 operatorinvalid or unsupported Perl syntaxinvalid padding bits in BIT STRINGinvalid version %q: too many  
 partsio.containerd.cgroups.v1.BlkIOStatio.containerd.cgroups.v1.RdmaEntryio.containerd.cgroups.v2.RdmaEntry  
 media-type: schema 1 not supportedmismatching field: got %v, want %vmspan.ensureSwept: m is not lockedno  
 manifest found for platform: %wno matching entries in passwd fileonly  
 manifests may be exported: %wout of bounds access of target: %wout of memory allocating allArenasproto:  
 duplicate enum registered: proto: unexpected type %T in oneofprotobuf tag not enough fields in reflect.FuncOf: too

many argumentsreflect: ChanDir of non-chan type reflect: Field index out of boundsreflect: Field of non-struct type  
reflect: Method index out of rangereflect: recv on send-only channelreflect: send on recv-only channelreflect: string  
index out of rangeremove the container after runningrequested skippable frame (%d) < 8runtime.SetFinalizer:  
cannot pass runtime: g is running but p is notruntime: netpollBreak write failedruntime: unexpected return pc for  
schedule: spinning with local worksemaphore: released more than heldslice bounds out of range [%x:%y:]slice  
bounds out of range [%x:%y]snappy: decoded block is too largesnappy: unsupported literal lengthspecify the path  
to the stdin fifostorage.read\_count\_normalized %d

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerTLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHATLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_  
SHATar:

Can't stat file %s to tar: %sThe name or reference was invalid.Top-level object must be a mappingTrust certs signed  
only by this CAUnable to find image '%s' locally

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy

getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy`hms{ } +  
@ P [(") )()

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdTSL/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

\*uint64 \*zk.ACL Acquire Actions AddASN1 AddAuth AddBool AddCert AddData AddDate AddEnvf AddFlag AddI  
AddHost AddJSON AddLink AddMeta AddPeer AddProc AddTask AddTime AddWait AddZone AddrAdd AddrDel  
Address Advance AlgCode Aliases Allowed Ancount Applied Applier Arcount AssocID AtLeast AuthURL Backend  
Backlog Backoff BaseURI Bindcnt Binding BitSize Blksize Blobsum BoolVar BucketN Buckets BufSize BuildID  
BusName CMajFlt CMinFlt CPUTime CSMHost CSMPort CStderr CStdout CacheID CanAddr CapDrop Catalog Cbu  
CellLog Cgroups ChainID ChanDir Changed Changes Channel CheckFn CheckID ChildIP Ciphers ClassId Cleanup  
CloseIO Cluster CmdLine CmpPort Collect Command Comment Compact Compare Complex Conceal Configs Confir  
Conn\_id Connect Console Consume Content Context Control Convert Cookies Counter Country Created Current Cur  
DNSDone DNSName DataDir Datasec DebugFn DebugGC DebugIn Decoder Decrypt Default Dequeue Destroy Deta  
Dev\_idx Devices DialTCP DialTLS Disable Discard Display Divisor DstAddr DstName DstPort Dst\_len DupCorr Dy  
EachRef Eaction Elapsed EmitInt EmitKey Enabled Encoded Encoder Encrypt EndLine EndTime Enqueue Entries En  
ErrCode ErrorFn ErrorIn Eswitch EventCh Example ExecIDs Execute ExistsW Expires Explain Exports ExtDNS2 Ex  
Fackets FailTTL Failure FatalFn FatalIn Feature Fetcher Filters FindAll FixTask Float32 Float64 Flushed Flusher Fo  
Forward FouList Freeing GIDMaps Gateway GetArgs GetBody GetBool GetByID GetCaps GetCode GetCols GetCon  
GetCopy GetData GetDest GetDone GetDrop GetEnum GetExec GetExit GetFile GetHelp GetHost GetInfo GetInit C  
GetItem GetKey3 GetKeys GetKind GetLast GetLazy GetLine GetList GetLogs GetMean GetMeta GetMode GetNam  
GetNext GetNode GetOCSP GetPath GetPeer GetPort GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSink  
GetSize GetSlot GetSpan GetStat GetSums GetTask GetType GetUint GetUnit GetUser GetWeak GotConn Hairpin  
Handled Handler HasKeys HasLink HasNext HdrSize Headers HeapSys History Holders HomeDir HostKey Hrtimer  
IAMInfo IDPBES2 IPAddrs IPMaskP IPSlice IPTable ISOWeek IfIndex Ifindex IifName ImageID Imports In6Addr  
Inblock Include Indexer Indexes Ingress IniData Initial InsnOff Inspect Install Int8Var IntVarP Integer Inverse IpcM  
IsAgent IsAlive IsBytes IsEdns0 IsEmpty IsError IsFloat IsInt64 IsValid Iterate KVStore KeyFile KeySize KeyType  
Keyring KillAll LLBCaps Latency LazyLog LeadCCC LevelAt LikePtr LinkAdd LinkDel Linkage LoadRef LocalIP  
Locator LockKey LogName LogPath LogSync Logging Longest Lookups MACSize MPLSDst Machine Macvlan  
MakeMap Mallocs Managed Manager MantExp MapKeys MapOpts MapType Mapping Marshal Matcher Matches  
MaxAttr MaxBits MaxSize Maximum Measure MemFree Members MergeIn Message Methods Metrics Migrate MinF  
MinTime Minimum Minutes Mirrors ModSqrt ModTime Msgsize Mutable NameOff NetMode NetNSFD NetNsID  
Network NewDesc NewLock NewPath NewTask NextHop NextKey NoCache NoPivot NoProxy Noticef Nscout  
NumResp NumUnit Observe OffMask Offmask OifName OldNode OldTask OnBuild OnError OneShot OpenTxN Op  
Ordinal OrigErr OrigTtl Oublock Outputs Packets Padding PanicFn PanicIn Parents ParseFS PassTTL PauseNs Paylo  
PeelOff PeersID PidFile PidMode PkgPath Pkttype Plugins Pointer PortLow PortVID PostRun PreRunE PreVote Prep

Present Presign Primary PrintFn Println Priomap Proceed Process Product Profile Program Promisc Propose Publish  
 Quantum Queries QueueID QueueId RLocker RUnlock RWMutex RateEst RawBody RawData RawJSON RawPath  
 RawRead Rcv\_mss Rcv\_rtt ReadAll ReadAny ReadBit ReadDir ReadInt ReadMsg ReadNil ReadTCP ReadUDP Read  
 Readdir ReadyCh Receive Records RecvMsg RefName RefType Referer Refresh Regions Release Remotes Removed  
 Replace Request Reserve Resolve Respond Restart Restore Retrans Retryer Reverse RoleARN RootCAs RuleAdd Ru  
 Running Runtime RxBytes SCTList Sampler Sandbox ScaleBy Schemes Seccomp Seconds Secrets Section SendMsg  
 Servers Service Session SetAddr SetArgs SetAxfr SetBits SetBool SetCode SetFlag SetFrac SetFrom SetIxf SetKeys  
 SetKind SetMeta SetMode SetName SetPrec SetSize SetTags SetTask SetTime SetTree SetTsig SetUint SetVlen Set  
 Setpgid Setting ShmPath ShmSize Shuffle SigAlgo Signbit Similar Snd\_mss Sockets SoftIRQ Sources SpecRef SrcA  
 SrcName SrcPort Src\_len Started StdTime Stopped Storage Streams StringP StructT SubConn SubPool SubType Sub  
 Subnets Subtype Success Summary Symbols Symlink Syscall TCPInfo TLSInfo TagConn TagKeys Tasklet TimeOut  
 Timeout ToArray ToIPNet ToInput ToInt32 ToInt64 ToNames ToProto ToSlash ToSlice ToState TraceFn TraceID T  
 Trailer TryRecv TrySend TxBytes TxStats TypeLen TypeOff UDPCSum UDPSize UIDMaps URLHost URLPath  
 UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unmount Unwrite UpDelay Upgrade UseLi  
 UseTime User\_id VImage Variant Verbose Version VertPre Visited Volsize Volumes VxlanId WarnTTL Warning  
 WasIdle Watcher Weekday Weights Witness WorkDir Workers Wrapped WriteAt WriteTo Written X\_\_pad0 YearDay  
 YellowB YellowF/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
 getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*v4.rule  
 \*wal.WAL \*zk.Conn \*zk.Lock \*zk.Mode \*zk.Stat Absolute ActorKey AdSelect AddBytes AddChain AddChild AddE  
 AddError AddMount AddUint8 AddValue AddrList AddrType Addrtype Allocate Altitude Annotate AppArmor Apply  
 Attached Attempts Audience AuthInfo AuthType AutoSync Aversion Backdate BaseName Behavior BindAddr BindP  
 Binomial Blobsums BoolVarP Buffered ByteHard ByteSoft BytesHex CPUQuota Ca\_state CacheHit CacheKey Cache  
 CacheOpt CalledAs Campaign CanMknod CancelAt Canceled CapNames CastType Category CertFile CertType  
 Checksum Children ChownOpt ClassAdd ClassDel ClientID Coalesce Commands Comments Complete Compress  
 ConfigID Conflict ConnPool Constant Contains ContentD Continue CopyFile CopyFrom CopyList CopyNext CopyPip  
 CoreDump CountVar Creation CrossOut Cversion DNSNames DNSStart DataLoss DataPath DataSize Datasets Deadli  
 DefValue DefaultB DefaultF Delegate Demangle Describe Detailed DevMajor DevMinor Devmajor Devminor DiffCo  
 DiffSize Digester Download Duration EachPage ElseList EmitBool EnableGC Encircle EncodeTo Encoding Endpoint  
 ErrorLog Evaluate EventNum Examples Exchange Excludes ExecFunc ExecRoot ExecuteC Executor Exemplar ExitC  
 ExitFunc ExitTime ExitedAt Expanded Expected ExportTo Exporter Extended FTPProxy Facility FailFast Failures  
 Familiar Families Features FieldMap FileInfo FileLine FileName FileSize Filename Finalize FindType Finished Float  
 Float64P FlowInfo Flowinfo FlushAll FormFile FormName Fragment FromArgs FromDisk Frontend Function GCPoli  
 GRPCConn Generate GetAttrs GetBegin GetBuild GetCache GetCount GetCtype GetEntry GetError GetField GetFina  
 GetFirst GetGauge GetGroup GetIPNet GetImage GetInUse GetIndex GetInfos GetInput GetInt16 GetInt32 GetInt64  
 GetLabel GetLayer GetLevel GetLinks GetMajor GetMinor GetMkdir GetMount GetNanos GetNodes GetOwner GetP  
 GetPaths GetQuota GetRange GetRealm GetRoute GetRules GetScale GetShard GetSinks GetSize\_ GetSlice GetStart  
 GetState GetTasks GetToken GetTotal GetTrace GetTypes GetUint8 GetValue GetWatch GetWidth Getxattr GoString  
 GroupAdd GroupIds HTTPPath Handlers HasAlias HasError HasFired HasFlags HashFunc HeapIdle HelpFunc Hijack  
 Hijacker HopLimit Hoplimit HorizPre HostAddr HostName HostOnly HostPort Hostname HttpAuth HttpOnly IDPBK  
 IPAMData IPNetVar IPSliceP IPv4Data IPv6Data IdleTime IfaValid InUserNS Indirect InitFunc InitSpec InsertID Ins  
 Int16Var Int32Var Int64Var Int8VarP IntSlice IntValue Internal Interval IpamInfo IsAlways IsAssign IsBridge IsClien  
 IsFolded IsHyperV IsLeader IsMember IsNormal IsPacked IsPaused IsPinned IsProto3 IsPseudo IsScalar IsSecure IsS  
 IsStream IsString IsSubset IsUint64 Iterator JSONName JoinAddr JoinRaft KexAlgos KeyBytes KeyLease KeyUsage  
 KillShim KindFlag LLIPAddr LacpRate Language Latitude Learning LengthOf LessThan LinkFrom LinkList LinkNar  
 LinkType Linkname ListKeys ListLogs ListOpts ListPids Listener Locality Location LockOpts LockedAt LogEvent  
 LogLevel LookupIP LookupMX LookupNS LossCorr MACAddrs MSpanSys MagentaB MagentaF Manifest MapIndex  
 MapRange MarkDead Maskable Maskbits MatchErr MaxDelay MaxFiles MemTotal Messages Metadata MinLinks  
 MinValue Minburst MkdirAll MulRange Multiply MustSync MyWindow NameList NameUsed NdotsSet Negation

NeighAdd NeighDel NeighSet NetIPNet Networks NewChain NewChild NewGauge NewRoute NewTimer NextLine  
 NextPage NextPart NextType NIMsghdr NoCommit NoLchown NodeAddr NodeGuid NodeMeta NodeName NodeType  
 NotAfter NotFound NotHoist NotifyCb Nsignals NumField NumLabel NumNodes NumPorts Official Offshift OnCom  
 OpenFile Optional OrigErrs OrigName Original OtherLen OtherSys Overhead Overline PEMBlock PMtuDisc PacketC  
 PageInfo PageSize ParentIP ParseAll ParseErr Password Patterns PauseEnd PeakRate Peakrate PeerAddr PeerConn  
 PeerName Platform Policies Populate PortHigh Position PostForm PostRunE Pow22523 PowerSet PreferGo PrintErr  
 Priority Progress Protinfo Protocol Provider Province ProxyArp ProxyEnv PruneTag PushBack PusherID QdiscAdd  
 QdiscDel QueryIDs Question Queue\_id RGB3BitB RGB3BitF RGB8BitB RGB8BitF RawBytes RawFlags RawQuery  
 RawToken RawWrite Rdlength ReMapAll ReadBits ReadBool ReadByte ReadFile ReadForm ReadFrom ReadFull  
 ReadInt8 ReadIntf ReadLine ReadLogs ReadOnly ReadRune ReadTime ReadUint ReaderAt Readlink Readonly Ready  
 RealSize Receiver RecvMsgs RecvTime Redacted RefCount Register Registry Released ReloKind RemoteIP Repeated  
 RepoName RepoTags Requests Requeues Required Requires ReserveN Reserved Resolver Resource Response Result  
 Retrieve Revision Rollback RootCert RootPair Rootless RouteAdd RouteDel RouteGet RtGenmsg RuleList Runnable  
 Runtimes RxErrors SCTPRead SameSite SaveSnap Scope\_id ScrollUp SecretID Sections Security Segments Selector  
 SendFile SendMsgs SentTime Sequence ServeDNS ServeTLS Services SetALUOp SetBurst SetBytes SetEDNS0  
 SetEdns0 SetError SetField SetFlags SetFloat SetGauge SetIndex SetInt64 SetLabel SetLevel SetLimit SetNames SetC  
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 Snapshot Snd\_cwnd SockAddr SpanKind SpecText Spoofchk StackSys StartNow StatFile StatPath StateDir Statuses  
 StopShim StreamCh StreamID SubChans Subjects SubnetIP Subtract Supports SwapFree SysUsage TagImage TarUnta  
 Terminal TimeHard TimeSoft ToString ToUint32 ToUint64 TokenURL TrailCCC Transfer Traverse Truncate TrustKe  
 TxErrors TypeFlag Typeflag Uint8Var UintVarP UniqueId UnixConn UnixNano Unparsed UseStdin Username UserT  
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 \*view.Row \*xml.Attr \*xml.Name \*zk.Event \*zk.State A dns:"a" AResource AcceptTCP AddCookie AddDigest  
 AddDriver AddGoFlag AddMember AddNested AddObject AddResult AddRtAttr AddSample AddSignal AddString  
 AddUint16 AddUint24 AddUint32 Addralign Addresses Aggregate Algorithm AllocSize Allocated Allocator AllowHT  
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 AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BindAddrs BitLength BitString BlinkSlow BlockSi  
 BodyStart BoolSlice BoolValue BoundAddr Broadcast BuildArgs BuildOnly BuildOpts BumpMajor BumpMinor  
 BumpPatch BusObject ByteOrder BytesHexP BytesSent CPUPeriod CPUShares CRTValues CacheFrom CacheKeys  
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 ClearData ClearFlag ClientCAs ClientTLS CloseConn CloseRead CloseSend Coalesced Collector Completed Configur  
 Conflicts ConnState Container Continued CountVarP CreateCRL CreatedAt CurryWith CurveName DBusError  
 DNSConfig DNSSuffix DataScope DebugData DecodeMsg DecoderOf Decrement DelayCorr DelayFrom DeleteAll  
 DeleteCAS DeleteLog DeviceIDs DeviceIdx DialCreds DidResume Discovery DiskUsage DotReader DownDelay  
 DportMask DriverCfg DstDriver DstMaster DstPrefix DualStack Duplicate DurationP DynString EachValue Eavesdrop  
 EmitInt32 EmitInt64 EnableICC EncapMode EncapType EncodeMsg EncoderOf EncryAlgo EndStream Endpoints  
 EraseLine ErrorCode EventChan EventFile EventLogs EventType Exception Exclusion Exclusive ExpiresAt Extension  
 ExtraData Extracted FastLeave FileLocks FillBytes FilterAdd FilterDel FindIndex FirstData FlagsUsed FlowBased  
 Forbidden ForceJoin FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromImage FromNames  
 FromSlash Frontends Ftruncate FullBytes FuncProto GTPPDPAAdd GTPPDPAAdd GTPPDPAAdd GTPPDPAAdd GTPPDPAAdd  
 GetAction GetBounds GetBucket GetByBlob GetByName GetByType GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDiffID  
 GetDigest GetDriver GetDryRun GetFields GetFilter GetFormat GetFrames GetGlobal GetHashes GetInitID GetInputs  
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GetShared GetSigned GetSocket GetSource GetSpanId GetSpread GetStatus GetStream GetString GetSyntax GetTarget  
GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupName  
GuestNice HTTPProxy HandleRPC Handshake HardState HasCaller HasParent HeapAlloc HeapInuse Heartbeat  
HeightMin HelloTime Histogram HitLength HostsPath IDMapping IDToIndex IPAddress IPMaskVar IPNetVarP  
IfAddrmsg IfInfdmsg ImageName ImagePath InContext InOrStdin Inception Increment IndexType InitCheck InitLevel  
Int16VarP Int32VarP Int64VarP IntSliceP Interface Intersect IpcMounts IsBuiltIn IsComplex IsDefault IsEnabled  
IsExpired IsKeyword IsLearner IsLiteral IsManager IsMessage IsMounted IsOnCurve IsPacked3 IsPrivate IsProcess  
IsRegular IsRunning IsSampled IsServing IsSuccess IsTimeout Isolation JoinGroup JoinToken KeepAlive KeepBytes  
KeyPrefix KeyReader KeyUsages KeyWriter LGetxattr LSetxattr LabelKeys LastClock LastError LastIndex LatencyM  
LazyPages LeafAlloc LeafInuse LeafPageN LeaseLife LightRedB LightRedF LinkAttrs LinkIndex LinkSetUp LinkStat  
Linklayer ListFlags ListNodes ListTasks ListenTCP LoadCache LoadImage LocalAddr LocalNode Locator64 LockDel  
LockIndex LogConfig LogFields LogFormat LogOutput Longitude LookupSRV LookupTXT MCacheSys MFASerial  
MSAddress MakeSlice Manifests MarshalDB MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType  
MessageID MiiStatus MinTxRate MmapFlags Modifiers MountOpts MountType Mountable MoveAfter MultiPath  
Multiaddr Multicast MyAliases Namespace NeighList NetIPMask NetworkID NewSpanID NewStream NewTicker  
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Pdeathsig PeerEqual Phentsize PidsLimit Platforms Precision PrefixLen Prefixlen PrevExist PrevIndex PrevValue  
PrintErrf ProcessID Processes ProjectID PromiseID ProtoSize Providers ProxyDial ProxyFunc PublicKey Publisher  
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ReadIndex ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 ReadValue ReadWrite  
Rebalance Reconnect Recursive Reference Registers Remaining RemoteAPI RemoteCAs RemoveAll RemoveKey  
RenewLock RequestID Reserved1 ResetBody ResizePty ResolveIP ResolveOp Resources Resumable Retryable  
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Sa\_family SandboxID Sandboxes ScanState SecretKey SecretOpt SeenFiles Selectors SendToTCP SendToUDP Sensiti  
Separator Serialize ServeBlob ServeConn ServeHTTP ServiceID SessionID SetBuffer SetConfig SetDiffID SetEvents  
SetExited SetFormat SetFrac64 SetFramer SetHeader SetIndent SetInitID SetIssuer SetJumpOp SetLabels SetLinger  
SetNoLock SetNotify SetOutput SetParent SetPolicy SetPrefix SetSource SetStatus SetString SetTaskId SetUint64  
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SlaveType SliceType SlotTuple SnapshotD Snapshots SoftState SortByPos SortFlags SourceMap SourceOpt SourceSA  
Specified SpillTime SplitKeys SportMask SqrtRatio SrcDriver StartCond StartLine StartSpan StartTime StartedAt  
Starttime StdinOnce StdinPipe StopQuery StreamDep StringLen StringOff StringVar Subrouter Subscribe Subsystem  
Successes SwapLimit SwapNamed SwapTotal TLSConfig TLSUnique TLSVerify TagAndAdd TagFilter TagImages  
TarStream TarWriter TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToCDNSKEY  
ToFloat32 ToFloat64 ToRFC3597 ToSubject TokenCode TokenText TokenType Transform Transport TrapCause  
Truncated TxDropped TxPackets TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice UlimitOpt Underl  
UnixMicro UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UntarPath UpdateKEK  
UpdateTTL UpdatedAt UsageFunc UseNumber UseStderr UseStdout UserAgent UserEvent ValidArgs ValueElem  
ValueSize ValueType Versioned VisitExpr VivaldiCC VivaldiCE VolumesRW WaitGroup WaitIndex WaitWrite  
WalkIPAMs WalkLinks WalkTable WantReply WarningFn Warningln WatchTree Watchable WillRetry WithError  
WithExtra WithField WithLease WithState WithValue WorkerRef WrapError WriteBool WriteByte WriteData WriteFi  
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APIPath AbsPath Actions AddASN1 AddCert AddDate AddEnvf AddFlag AddFunc AddHook AddHost AddKeys  
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Blksize BlockIO BoolVar Buckets BuildID ByIndex CMajFlt CMinFlt CPUPerc CPUTime C\_Login CanAddr CapDr  
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Expired Expires Extract Fackets FatalFn Fatalln Feature Filters FindAll Float32 Float64 Flusher Fprintf GIDMaps G  
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GetRoot GetRows GetSalt GetSlot GetSpan GetStat GetTags GetTask GetType GetUint GetUser GetWeak GetXRef  
GetYaml GotConn Handler HasNext HashAlg Headers HeapSys HomeDir HostKey Hrtimer IDPBES2 IPMaskP IPSli  
ISOWeek Ifindex ImageID Inblock Ingress InitPIN Inspect Int8Var IntVarP Inverse IpcMode IsBytes IsEmpty IsErro  
IsFloat IsInt64 IsTable IsTyped IsValid Iterate KdfName KdfOpts KeyData KeyFile Keytype Latency LazyLog Lead  
LikePtr LogName LogOpts LogPath Longest Lookups MakeMap Mallocs Manager MantExp MapKeys Marshal Matc  
MaxBits MemPerc Message Methods Metrics Migrate MinPrec MinTime Minutes Mirrors Missing ModSqrt ModTim  
NamePos Network NewDesc NoCache NoProxy NoTrunc NonUTF8 NumKeys Objects Observe OldNode OldTask  
OnBuild OnError OpenRaw Options OrigErr Oublock Outputs PanicFn PanicIn ParseFS PauseNs Payload Pending Pe  
PidMode PkgPath Pktype Plugins Pointer PostRun PreRunE PrintFn Println Private Process Publish Queries RLocker  
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Success Syscall TCPInfo TLSData TLSInfo TLSPath TagConn TagName Targets Tasklet Timeout ToArray ToInput  
ToInt32 ToInt64 ToNames ToProto TraceFn Traceln Trailer TryLock TryRecv TrySend UIDMaps URLHost URLPat  
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AuthInfo AuthType BaseRole Binomial BoolVarP Boundary Buffered BytesHex CPUQuota CSINodes C\_Digest  
C\_Logout C\_SetPIN C\_Verify Ca\_state CalledAs CancelAt CapNames CastType CertData CertFile CertType CheckT  
Checksum ChownOpt ClientID CloseAll CmpInt64 Commands Comments Complete Compress ConfigID Conflict  
ConnPool Contains Contents Continue CopyFrom CopyList CopyPipe CoreDump CountVar Creation CronJobs Cross  
DNSNames DNSStart DataLoss DataSize Deadline DeepCopy DefValue DefaultB DefaultF Describe DevMajor  
DevMinor Devmajor Devminor DiffCopy Digester Disabled Document Duration ElseList EmitBool EnableGC Encirc  
Endpoint ErrorLog EventNum Examples Exchange Excludes ExecuteC ExitCode ExitFunc Expanded Expected FTPPr  
FailFast Failures Familiar Families FieldMap FileInfo FileLine FileName FilePath Filename Finalize Float32P Float6  
Flowinfo FormFile FormName Fprintln Fragment Function GetAllOf GetAttrs GetBegin GetBuild GetByKey GetCach  
GetCount GetCtype GetEmail GetEntry GetError GetField GetFinal GetGauge GetGroup GetIPNet GetInUse GetIndex  
GetInfos GetInput GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLinks GetMajor GetMinor GetMkdir  
GetMount GetNanos GetOneof GetOwner GetPatch GetPaths GetRange GetRealm GetRoute GetScale GetSize\_ GetSi



GetSlice GetStart GetState GetStore GetTitle GetToken GetTotal GetUint8 GetValue GoString GroupAdd GroupIds  
 HasAlias HasFired HasFlags HasSwarm HashFunc HeapIdle HelpFunc Hijacker HostOnly HostPort Hostname HttpOn  
 IDPBKDF2 IPNetVar IPSliceP IdleTime ImageTag InUserNS Indirect Inherits InitRoot Insecure Int16Var Int32Var  
 Int64Var Int8VarP IntSlice IntValue Internal IsAlways IsAssign IsBridge IsClient IsClosed IsFormat IsHyperV IsLoad  
 IsNormal IsPacked IsProto3 IsPseudo IsScalar IsSecure IsStream IsString IsUint64 JSONName KeyBytes KeyUsage  
 LengthOf LinkName Linkname ListFunc ListKeys ListMeta ListOpts Listener LoadJSON Locality Location LogEvent  
 LogLevel LookupIP LookupMX LookupNS MSpanSys MagentaB MagentaF Manifest MapIndex MapRange MarkDead  
 MatchErr MaxDepth MemTotal MemUsage Metadata Modified MulRange Multiply Negative Networks NewGauge  
 NewRoute NewTimer NextLine NextPart NoLchown NodeAddr NodeList NodeType NotAfter NotFound NotifyCb  
 Nsignals NumField NumberGT NumberLT Official OnDelete OnStatus OnUpdate Operator Optional OrigName Other  
 Overhead Overline ParseAll ParseErr Password Patterns PauseEnd PeerAddr Platform Position Possible PostForm  
 PostRunE Pow22523 PreferGo PrintErr Priority Protocol Province ProxyEnv ProxyGet PushBack PusherID Question  
 QuoExact QuoRound RGB3BitB RGB3BitF RGB8BitB RGB8BitF RandBool RawQuery RawWrite ReadBits ReadBo  
 ReadByte ReadFile ReadForm ReadFrom ReadInt8 ReadLine ReadRune ReadUint ReadySCs RealSize RecvTime  
 Redacted Register Registry Repeated Replicas RepoInfo RepoName RepoTags Requests Required ReserveN Reserved  
 Resolver Resource Response Restrict RoleName Rollback RootPair RootRole Runnable Runtimes SameSite Scope\_id  
 ScrollUp SecretID Security SentTime ServeTLS ServerOK Services SetBurst SetBytes SetEDNS0 SetError SetFlags  
 SetFloat SetIndex SetInt64 SetLevel SetLimit SetMilli SetMulti SetScale SetValue Severity Shutdown SignCert SignI  
 SignRoot Signaled Simplify Snapshot Snd\_cwnd SortKeys SpewKeys Sprintln StackAPI StackSys Statuses StreamID  
 SubChans Subjects Subtract Supports SysUsage TaskList TaskLogs Template Throttle ToSigned ToString ToUint32  
 ToUint64 TokenURL TrailCCC Traverse Truncate TryRLock TypeFlag TypeMeta Typeflag Uint8Var UintVarP  
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 \*zip.File AResource AcceptTCP AddCookie AddGoFlag AddObject AddSchema AddTarget AddUint16 AddUint24  
 AddUint32 Addresses Algorithm AllowHTTP Anonymous AuthStyle Authority Available BasicAuth BeginTime  
 BitLength BitString BlinkSlow BlockRead BlockSize BoolSlice BoundAddr Broadcast BuildArgs BuildOnly BytesHex  
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 ConfigDir ConnState Container Continued Converter CountVarP CreateCRL CreatedAt CreatedBy CurryWith DebugD  
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 DotReader DualStack DurationP EmitInt32 EmitInt64 EncoderOf EncryAlgo EndStream Endpoints EqualTime EraseL  
 ErrStatus ErrorCode EventLogs Evictions Exclusion Exclusive Extension FieldsMap FillBytes FindIndex Forbidden  
 FormValue Formatter FoundKeys FromBytes FromNames Ftruncate FullBytes GetAction GetBucket GetByName  
 GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDigest GetFields GetFilter GetFormat GetFrames  
 GetGlobal GetInputs GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMethod GetMetric GetMixin  
 GetMkfile GetMounts GetNodeID GetNumber GetObject GetOffset GetOneofs GetPacked GetParent GetPrefix  
 GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetSchema GetScopes GetSecret  
 GetServer GetShared GetSigned GetSocket GetSource GetSpread GetStatus GetStream GetString GetSuffix GetSyntax  
 GetTarget GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode  
 GroupKind GroupName GuestNice HTTPProxy HandlerRPC Handshake HasCaller HasParent HasSynced HeapAlloc  
 HeapInuse Histogram HostsPath IPAddress IPMaskVar IPNetVarP ImageList ImageLoad ImagePull ImagePush  
 ImageSave InOrStdin Increment IndexKeys Ingresses InitLevel InitToken InlineMap Int16VarP Int32VarP Int64VarP  
 IntSliceP Intensity Interface Interpret IsComplex IsDefault IsInvalid IsKeyword IsLiteral IsMessage IsOnCurve IsPack  
 IsPrivate IsProcess IsRegular IsTimeout Isolation JoinToken KeepAlive KeyUsages LastError LatencyMu LightRedB  
 LightRedF ListFiles ListRoles LocalAddr LogConfig LogFields LookupEnv LookupSRV LookupTXT MCacheSys  
 MakeSlice Manifests MarshalTo MatchRune MaxErrAge MaxPinLen MaxTokens Mechanism MediaType MinPinLen

Modifiers MountBlob MoveAfter Multiaddr MustBeOfA Namespace NetworkID NetworkRx NetworkTx NewStream  
 NewTicker NilChance NoResolve NonceSize NotBefore NumMethod NumSubexp NumberGTE NumberLTE  
 NumberNot OOMKilled OSVersion OldConfig OldSecret OmitEmpty OpenStdin Overwrite PackEface PadLength  
 Parameter ParseForm ParseGlob ParseName Pdeathsig PidsLimit Platforms PluginSet Precision PrefixLen PrintErrf  
 ProjectID PromiseID ProtoSize ProtoTime ProxyDial ProxyFunc PublicKey PushFront PutUint16 PutUint32 PutUint64  
 QuickSpan RatString RawConfig RawIssuer Rcv\_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32  
 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Reference RemoteRef RemoveAll RemoveKey Resources  
 RotateKey RoundTrip SandboxID ScanState SeenFiles Sensitive ServeBlob ServeConn ServeHTTP ServerURL  
 SessionID SetBuffer SetFormat SetFrac64 SetHeader SetIndent SetLabels SetLinger SetLogger SetNoLock SetOutput  
 SetPrefix SetScaled SetString SetUint64 SharedKey Shorthand SignFinal Signature SignedTag SkipClean SkipSpace  
 SortFlags SourceMap Specified SqrtRatio StarCount StartCond StartLine StartSpan StartTime StartedAt Starttime  
 StdinOnce StdinPipe StorageV1 StreamDep StringGTE StringLTE StringVar Subrouter Successes SwapLimit SwarmIn  
 SwarmJoin TLSConfig TLSStatus TLSUnique TLSVerify TarStream TarWriter Templates Temporary Threshold  
 Timestamp ToFloat32 ToFloat64 ToNewRole ToRawInfo ToService TokenText TokenType Transform Transport  
 TrapCause Truncated TryAccept TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice Underline UnixMi  
 UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageFunc  
 UseNumber UserAgent ValidArgs ValueElem ValueType Versioned WaitWrite WarningFn Warningln WatchFunc  
 WithError WithExtra WithField WithState WithValue WrapError WriteBool WriteByte WriteData WriteInt8 WriteMor  
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 X\_\_unused/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

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in path(s):

\* When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed  
 If the Labels of a ReplicaSet are empty, they are defaulted to be the same as the Pod(s) that the ReplicaSet manages. Standard object's metadata. More info: <https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#metadata>  
 ExternalMetricSource indicates how to scale on a metric not associated with any Kubernetes object (for example length of queue in cloud messaging service, or QPS from loadbalancer running outside of cluster). Exactly one "target" type should be set.  
 APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just

like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.  
 Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info:

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-template>  
 If specified, the port on the given protocol. This can either be a numerical or named port on a pod. If this field is not provided, this matches all port names and numbers. If present, only traffic on the specified protocol AND port will be matched.  
 externalName is the external reference that kubedns or equivalent will return as a CNAME record for this service. No proxying will be involved. Must be a valid RFC-1123 hostname (<https://tools.ietf.org/html/rfc1123>) and requires Type to be ExternalName.  
 Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified.

Defaults to 1. More info: <https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontroller>  
 allowedCapabilities is a list of capabilities that can be requested to add to the container. Capabilities in this field may be added at the pod author's discretion. You must not list a capability in both allowedCapabilities and requiredDropCapabilities.  
 Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified. Defaults to 1. More info:

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller/#what-is-a-replicationcontroller>

revisionHistoryLimit is the maximum number of revisions that will be maintained in the

StatefulSet's revision history. The revision history consists of all revisions not represented by a currently applied StatefulSetSpec version. The default value is 10. The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container. PreemptionPolicy is the Policy for preempting pods with lower priority. One of Never, PreemptLowerPriority. Defaults to PreemptLowerPriority if unset. This field is alpha-level and is only honored by servers that enable the NonPreemptingPriority feature. Must be empty before the object is deleted from the registry. Each entry is an identifier for the responsible component that will remove the entry from the list. If the deletionTimestamp of the object is non-nil, entries in this list can only be removed. allowedRuntimeClassNames is a whitelist of RuntimeClass names that may be specified on a pod. A value of "\*" means that any RuntimeClass name is allowed, and must be the only item in the list. An empty list requires the RuntimeClassName field to be unset. MutatingWebhookConfiguration describes the configuration of and admission webhook that accept or reject and may change the object. Deprecated in v1.16, planned for removal in v1.19. Use admissionregistration.k8s.io/v1 MutatingWebhookConfiguration instead. singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface. matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed. The name of the cluster which the object belongs to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request. Active reports the checkpointed config the node is actively using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error. No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr \*uintptr \*url.URL

Absolute AddBytes AddUint8 AddValue AuthInfo AuthType Binomial Buffered ByNumber BytesPtr Ca\_state CacheE CapNames CastType Category Commands Compiled Compress ConnPool Constant Contains CopyFrom CopyList CopyPipe CoreDump CountFds DNSNames DNSStart Deadline DefValue DevMajor DevMinor Devmajor Devminor Digester DoneFunc Duration ElseList EncodeTo Encoding Endpoint EventNum ExitCode ExitFunc ExitIdle ExitTime Expanded Expected Exporter Extensee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath File Filename FindType Flowinfo Footnote FormFile FormName Fragment FullName Function GetArray GetBegin GetCty GetEntry GetField GetImage GetLabel GetLevel GetLinks GetLinux GetNanos GetOwner GetPaths GetStart GetState GetUsage GetValue GoString GroupIds HasFired HashFunc HelpName HideHelp Hostname HttpOnly IdleTime InitJS Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsClient IsFenced IsHeader IsNormal IsPacked IsPinned IsProto IsPseudo IsPublic IsScalar IsStream IsString IsUint64 JSONName KeyUsage KindFlag LDConfig LinkData LinkName Linkname ListData ListPids Listener Locality Location LookupIP LookupMX LookupNS MapIndex MapRange MapV MarkDead MaxDelay Messages Metadata MulRange Multiply Networks NewChild NewField NewValue NextPart NodeType NotAfter Nsignals NumEnums NumField NumFiles NumFlags Optional OrigName OutTable Overhead Password PeerAddr Platform Position PostForm Pow22523 PreferGo Priority Protocol Province PushBack Question RawQuery RawWrite ReadByte ReadForm ReadFrom ReadLine ReadRune ReaderAt ReadySCs RealSize RecvTime Redacted Register Repeated RepoTags Required Requires Resolver Response Revision RunCount SPIFFEID SameSite Scope\_id Sections Security SentTime Sequence Services SetALUOp SetBytes SetEDNS0 SetError SetFlags SetFloat SetInt64 SetLabel SetLevel SetValue Severity Shstrndx Shutdown Signaled Simplify SizeType Snapshot Snd\_cwnd StreamID SubChans Subjects Subtract SysUsage TableLog Terminal TextName TrailCCC Truncate TypeFlag TypeName Typeflag UnixConn UnixNano Unparsed UseBlock UseProxy UserName UserTime Username Validate Verified Verif

VisitAll Warningf WireType WithArgs WithTime WriteInt WriteMsg  
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tgz/docker/runcruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/runcruntime.printslices/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runtime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcpath.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/  
opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValu  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice  
Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
eValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).l  
azyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).l  
azyInitSlow·dwrap-4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).l  
azyInitSlow·dwrap-3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(\*unifiedManager).getSliceFull/opt/c  
ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*IntSlice).Value/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).IntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.lookupIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).GlobalIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runc type..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.convTslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).LazyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).LazyInitSlow.dwrap.4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).LazyInitSlow.dwrap.3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(\*unifiedManager).getSliceFull/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-



readPacketsLeft/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
writePacketsLeft/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerd \*pflag.intSliceValue \*pkcs7.EncryptedData \*plugin.EventDisable  
\*plugin.Registration/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*pflag.uintSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*[\*timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* msg:"time" TimestampFormat TruncationToken TxAbortedErrors TxCarrierErrors UnknownResource  
UnmarshalBinary UnmarshalJSONPB UnmarshalStream UnmountIpcMount UnregisterBuild UnsafeMakeSlice  
UnsignedPayload UpdateAddresses UpdateContainer UpdateResources UpdateTLSConfig UserOnCloseWait  
ValidPrincipals VerifySignature VersionTemplate VisitInt64Value VivaldiErrorMax Volume json:"- " Wait100Continue  
WalkIDsByResult WithConstLabels WithCredentials WithImageConfig WithLabelValues WriteArrayStart  
WriteBufferSize WriteComplex128 WriteDataPadded WriteEmptyArray WriteHostConfig WriteLogEntries  
WriteMapStrIntf X509Certificate XXX\_MessageName XfrmPolicyFlush XfrmStateUpdate  
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerr\*struct { F uintptr;  
requestOver chan struct {} }; ht \*transport.serverHandlerTransport; cancel context.CancelFunc }

Found in path(s):

\* VXLANUDPPortOprotobuf:"varint,13,opt,name=VXLANUDPPort,proto3" json:"VXLANUDPPort,omitempty"  
VolumeNamespaceLjson:"volumeNamespace,omitempty" protobuf:"bytes,2,opt,name=volumeNamespace"  
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* XXX\_Marshal  
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
\*channelz.channel \*cipher.BlockMode \*cli.IntSliceFlag  
\*cli.RequiredFlag/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
\*unix.nopResolver \*utilities.OpCode \*v1.AttachRequest \*v1.ConfigMapList \*v1.ContainerPort \*v1.CreateOptions  
\*v1.DeleteOptions \*v1.EndpointsList \*v1.EnvFromSource \*v1.FinalizerName \*v1.GroupResource  
\*v1.HTTPGetAction \*v1.HugepageLimit \*v1.InternalEvent \*v1.LabelSelector \*v1.ListInterface \*v1.NamespaceList  
\*v1.NamespaceMode \*v1.NamespaceSpec \*v1.NetworkConfig \*v1.NodeCondition \*v1.NodeResources  
\*v1.PodLogOptions \*v1.Preconditions \*v1.ProcMountType \*v1.ResourceQuota \*v1.ResourceSpans \*v1.RestartPolicy  
\*v1.RuntimeConfig \*v1.RuntimeStatus \*v1.SELinuxOption \*v1.ScopeSelector \*v1.ServiceStatus \*v1.Span\_SpanKind  
\*v1.StatusDetails \*v1.StatusRequest \*v1.StorageMedium  
\*v1.UpdateOptions/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

```

tgz/docker/containerd *pflag.intSliceValue *pkcs11.ObjectHandle
*pkcs11.Pkcs11Config/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.uintSliceValue
*pkcs11.Pkcs11KeyFile/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd [*]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerd *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/containerd *func()
*v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

```

Found in path(s):

\*

yaml:"uri" VerifiedChains VerifyHostname VersionService WalkStatusRefs WithTraceFlags WithTraceState  
WriteObjectEnd WriteRSTStream XXX\_OneofFuncs XmitHashPolicy ZlibWriterPool  
No license file was found, but licenses were detected in source scan.

```

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockeralpha;amacr;amalg;angle;angrt;angst;anyoneaogon;arcnetaring;asypm;athenaatildeattachastinau
thoravx512awint;aws-cnbackupbanachbanzaibartikbasic
bcong;bdquo;bearerbeaverbeforebepsi;bhabhabinaryblank;blk12;blk14;blk34;blkio.blobs/block;boltdbborderboringb
oumanboxDL;boxDR;boxDL;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUI;boxUr;boxVH;boxVL;box
VR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH
;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundleca.pemcache-
cache.cachedcalloccannoncapgetcapsetcaret;caron;carsoncarverccaps;ccedilccirc;ccups;cedil;cgroupchan<-
check;chrootclarkecleverclientclone3closedcloud9clubs;coldencolon;comma;commitconfigconsulcookiecoordscpus
etcramfscrankycrarr;createcross;cslip6csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-_ctrl-actrl-bctrl-cctrl-dctrl-
ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-
zcuepr;cuesc;cupor;currancurrencustomcuvee;cuwed;cwint;daemondaggerdarwindashv;db.tmpdblac;ddarr;definedel
etedelim(delta;detachdevicedevptsdharl;dharr;dhawandiams;diffiedigestdir
indisin;dividedockerdomaindoteq;doubledreamydriverdtdot;dtrif;duarr;duhar;eDDot;eacuteeasleyecirc;econetedison
eetherefDot;efenceeegraveelatedemacr;empty empty;enableengineeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno
errorsescapeesdot;euclideventsexec:
execIDexecveexist;existsexitedexpectexportexposeexpreffailedfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownerferma
tfflig;field
filig;filterfjlig;flig;fltns;folderfollowforallforkv;fownerfrac12frac14frac34frac1;frostyfrown;frozenfsetidfsopenfspic
kgaloisgamma;gcirc;gcloudgesc;getACLgetcpugetcwdgetentgetgidgetpidgetsidgettidgetuidgiftedgimel;git://globalg
neqq;gnsim;golickgophergossipgrave;gretapgrpclbgtime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerhealthheartshei
ghthelliphiddendoarr;hooverhopperhungryhyperviacuteicirc;iexcl;ifNameignoreigraveiif
%diif %siiint;iiota;ijlig;imacr;image;imath;imped;importindex-infin;ingestinlineinp-
%dinuse_iogon;iopermip+netip/ddpip6greip6tnlipMaskiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jepsenjmth;jo
liotjovialjsCtx(jukcy;kappa;kellerkeplerkernelkilledlAarr;lBarr;label!label:label=labelsamarrlambdalang;laquo;larr
b;lates;latestlayer-layer2layerslbarr;lbrk;lbrke;lceil;lchmodlchowndquo;leaderleakedleakeyleave

```

Found in path(s):

\* [0m [6n] = ]

n=^%s\$\_sum\_tagacE;acctacd;acy;addraddsafrr;allgallpaltssamp;and;ang;anonapE;ape;aposarchasn1ast;aufsaumlautha  
vx2ax25basebcy;beetbellbenzbetabfr;bindbitsblobbmi1bmi2bne;bodybohrboldbondboolborgbosebot;boydbuckbullb  
usybytecallcap  
cap;cas1cas2cas3cas4cas5cas6caseceilcentcerfcfr;chanchi;cir;circcitecodecolscompcongcoolcopycorecoricpu.cpuscr



aycroncup;dArrdarrdatadatedbusdcy;deaddef=deg;dfr;dialdie;diffdiskdiv;dlcidonedot;downdropdup2dup3eEpPecho  
ecy;efr;egs;elf.ell;els;elseemspeng;enspepicermseta;etagetcdeth;eumleuroexecexitexprf2fsfailfastfcalfcplfcppfcy;fdd  
iffr;fifofilefipsfnofforkformfradfreefromftpsfuncfusegEl;gRPCgactgap;gcclgcy;gel;gelfgeq;ges;gfr;ggg;git@glE;gla;  
glj;gluegnE;gne;goodgotogpfsgrpcgzipArrharrhashhdlheadheaphelphfr;hfschighhosthourhrefhtmlhttpi386icmpico  
nicy;id==idleiff;ifr;igmpinfoinitint8int;intsiopliotaipipiv4ipv6irdaisinitabiumljangjcy;jfr;joinjsonjumpkarekcmpkcy  
;keenkernkey:keyskfr;killkindkmemlArrlEg;langlap;lapblarrlastlat;lcy;leafleftleg;leq;les;lfr;lgE;linklistlnE;lne;loadl  
ogslooploz;lrm;lsh;macrmmailmandmap;map[mcy;mdnsmemsmetamfr;mho;mid;mmapmobymodempolmsgsnGg;nLl;  
namenap;nashnbspcy;newsnextnfr;ngE;nge;ngt;nicenis;niv;nLE;nle;nlt;nodenonenot;notenpr;nsc;nsubnullnum;ocy;  
ofr;ogt;ohm;oidcolt;openord;ordfordmorv;oumlpar;paraparepartpasspathpcy;perppfr;phi;pidspikepingpipepiv;pollpo  
p3portpostprE;pre;prioprocpodprofproppi;pullpushqfr;qldbquitquotrArrrafrangrarrcy;rdmareadrealrecvreg;repose  
sprfr;rho;riderlm;rolerootroserowsrpadrseqrsh;runcs390s3v4sahasavesbrkscE;sce;sctpcy;sdotsectseeksendsentserfsf  
r;shawshotshy;sim;sinksizeskipslabslipslotslowsm;t;smtpsnapsocksol;sortspanspecsqu;sse2sse3statstepstmtstopsub;s  
ubesuidsum;sup1sup2sup3sup;supesynctag;tagstailtar-tar

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* XfrmStateGet

\* requestsLock

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* formatSlice

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*tuf.repoBuilder

\*types.BoolValue \*types.Container \*types.DiskUsage \*types.EnumValue \*types.FieldMask \*types.HostsList

\*types.ListValue \*types.NullValue \*types.PatchType \*types.PidsStats \*types.Placement \*types.PluginEnv

\*types.Resources \*types.StatsJSON \*types.Timestamp \*types.UnitBytes \*unicode.Range16 \*unicode.Range32

\*url.EscapeError/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

\*utils.pbkdf2Encs \*v1.BatchV1Client \*v1.ConfigMapList \*v1.ContainerPort \*v1.CreateOptions \*v1.DaemonSetList

\*v1.DaemonSetSpec \*v1.DeleteOptions \*v1.EndpointsList \*v1.EnvFromSource \*v1.ExportOptions

\*v1.FinalizerName \*v1.GroupResource \*v1.HTTPGetAction \*v1.InternalEvent \*v1.LabelSelector \*v1.ListInterface

\*v1.NamedAuthInfo \*v1.NamespaceList \*v1.NamespaceSpec \*v1.NetworkPolicy \*v1.NodeCondition

\*v1.NodeInterface \*v1.NodeResources \*v1.OperationType \*v1.PodLogOptions \*v1.Preconditions \*v1.PriorityClass

\*v1.ProcMountType \*v1.ResourceQuota \*v1.RestartPolicy \*v1.RoleInterface \*v1.ScopeSelector \*v1.ServiceStatus

\*v1.StatusDetails \*v1.StorageMedium \*v1.UpdateOptions \*v1alpha1.RoleRef \*v1alpha1.Subject \*v1alpha1.Webhook

\*v1beta1.Eviction \*v1beta1.KeyUsage \*v1beta1.Overhead \*v1beta1.RoleList

\*v1beta1.UserInfo/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/docker \*pflag.SliceValue  
 \*pkcs11.ObjectHandle/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*pflag.SliceValue \*pkcs11.MechanismInfo \*pkcs11.SessionHandle  
 \*pkix.CertificateList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 [\*timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*swarm.ipNetSliceValue \*syscall.SockaddrInet4  
 \*syscall.SockaddrInet6/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*v1.controllerRevisions \*v1alpha1.AuditSinkList \*v1alpha1.AuditSinkSpec \*v1alpha1.EndpointSlice  
 \*v1alpha1.PodPresetList \*v1alpha1.PodPresetSpec \*v1alpha1.PriorityClass \*v1alpha1.RoleInterface  
 \*v1alpha3.RestartPolicy \*v1alpha3.ServiceConfig \*v1beta1.DeploymentList \*v1beta1.DeploymentSpec  
 \*v1beta1.EventInterface \*v1beta1.ExecCredential \*v1beta1.IngressBackend \*v1beta1.LeaseInterface  
 \*v1beta1.ReplicaSetList \*v1beta1.ReplicaSetSpec \*v1beta1.RollbackConfig  
 \*v1beta1.StackInterface/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*func(\*v1.EndpointsList)/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/docker \*v1alpha1.endpointSlices/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-  
 17-tgz/docker/docker [\*v1alpha1.EndpointSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
 10-17-tgz/docker/docker \*func()  
 \*v1.EndpointsList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*v1.selfSubjectRulesReviews \*v1alpha1.EndpointSliceList  
 \*v1alpha1.PriorityClassList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/docker

Found in path(s):

\* ssh:"rest" RestoreTerminal RetryThrottling RollbackMonitor SecurityOptions SecurityVersion ServerHandshake  
 ServerResources ServiceAccounts SetGenerateName SetHelpTemplate SetInterspersed SetMkfileOption  
 SetPluginConfig SetReadDeadline SetRefreshToken SetReportCaller SetSendCompress ShorthandLookup  
 SignRecoverInit SlotDescription SourceLocations StorageV1alpha1 StringArrayVarP StringSliceVarP StringToIntVarP  
 StringToStringP SupportedCurves SupportedPoints SupportedProtos TLSClientConfig TimestampFormat  
 ToRestartPolicy TransportConfig TryRLockContext TypeCastMapping UnknownResource UnmarshalBinary  
 UnmarshalJSONPB UnsafeMakeSlice UpdateAddresses UpdateOnFailure UpdateTimestamp ValidPrincipals  
 VersionTemplate VersionedParams Wait100Continue WithConstLabels WithConversions WithImageConfig  
 WithLabelValues WriteArrayStart WriteBufferSize WriteDataPadded WriteEmptyArray XXX\_MessageName  
 No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr \*sha512.digest  
 \*snapshots.Opt \*sort.Slice \*specs.Process \*specs.Solaris \*specs.VMImage  
 \*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr  
 \*zstd.fseState AbsolutePrefix AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList  
 AllAdditional AllAuthorities AppendFullName ApplyWithError AuthorityKeyId AuthorizerOpts BalancerConfig  
 BoundaryBefore BreakWithError CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CloseWithError  
 CombinedOutput CommonAuthInfo CompareAndSwap ContentSubtype ConvertSchema1 Cwd

Found in path(s):

\* \*content.Jobs

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc \*chan<- os.Signal

\*cli.DurationFlag \*cli.IntSliceFlag \*cli.RequiredFlag \*configs.HookList \*configs.HookName \*configs.IntelRdt  
\*configs.Operator/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc(...)

Found in path(s):

\* json:"uid" UnmarshalState XmitHashPolicy

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):

\* getSliceFull

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* \*snapshots.snapshotsListClient

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):

\* XORKeyStream

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

alpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendarcnetaring;asympt;atildeattachavx512awint;backupbcong;  
bdquo;bearerbepsi;betterblank;blk12;blk14;blk34;blkio.blobs/block;bootIDborderboxDL;boxDR;boxDL;boxDr;box  
HD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;boxVR;boxVh;boxVl;boxVr;boxdL;boxdR;  
boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;branc  
hbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundlecallercalloccanvascapgetcapsetcaret;caron;causesccap  
s;ccedilccirc;ccups;cedil;centercephfscgroupchan<-

check;chrootcinderclientclone3closedclubs;colon;comma;commitconfigcookiecoordscpusetcrr;createcross;cslip6c  
sube;csupe;ctdot;cuepr;cuesc;cupor;currentcuvée;cuwed;cwint;daggerdarwindashv;dblac;ddarr;definedeletedelim(del  
ta;dev\_iddevicedevptsdharl;dharr;diams;digestdisin;dividedomaindoteq;dotnetdoubledriverdryRundtdot;dtrif;duarr;d  
uhar;eDDot;eacutecirc;econeteetherefDot;efenceeffectgraveemacr;empty

empty;eogon;eplus;epsiv;eqsim;equiv;erDot;erarr;erlangerrno errorsesdot;evdo\_0evdo\_aevdo\_beventsexec:

execveexist;existsexpectfamilyfcfb10fcfb11fcfb12fchdirfchmodfchowfflig;field

figurefilig;filterfjlig;flig;fltns;followfooterforallforkv;formatfrac12frac14frac34frac1;frown;frozenfsTypefsopenfspi  
ckgamma;gcirc;genevegescc;getcpugetcwdgetgidgetpidgetsidgettidgetuidgimel;gneqq;gnsim;golanggophergrave;gre  
tapgroupsgrpcplbgstime;gsiml;gtcir;gtdot;hanadbbhangupharrw;hcirc;headerhealthheartsheighthelliphgrouphiddenhoarr  
;hostIPhref="hsqldbacuteicirc;iexcl;iframeigraveiint;iiota;ijlig;imacr;image;imagesimath;imped;importindex-  
infin;ingestingresinlineinprocinsertinuse\_invokeiogon;iopermip+netip/ddpip6greip6tnlipMaskip\_tcpip\_udpiprod;ipv  
laniquetisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jstypejukcy;k8s.iokappa;killedlAarr;lBarr;labelslambda;langd;laqu  
o;larrb;lates;latestlayer-

layer2layerslbarr;lbrk;lbrke;lceil;lchownldquo;leakedleaseslegacylescc;level:lffloorlhard;lharu;lhlblk;limitslinkatlist

enllarr;ltri;lneqq;lmsim;loang;loarr;lobrk;loggerlopar;lowastlower1lower2lrrarr;lrrhar;lrrtri;lsquo;lsime;lsimg;lsquo;lrcir;ltldot;lrcaltrie;lrrif;mDDot;mailtoallocmdash;mediummembermemorymergedmethodmicro;middotminus;minu  
temlock2mount.mount=mountsmqueuemremapmsgctlmssggetmsgsrcvmsgsndmumap;mumapnabla;napid;napos;nati  
venatur;nbump;ncong;ndash;ndots;neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlarr  
r;nleqq;nless;nlsim;nltrri;nodejsnoexecnofilenomandnosuidnotifynotin;notni;nouuidnpart;nprec;nrArr;nrarr;nrtri;nsi  
me;nsmid;nspar;nsuBE;nsuBE;nsucc;nsupE;nsupe;ntildenumbernump;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;  
oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopenatoperp;oplus;oracleorarr;order;originoslashotilde  
otimesoutputovbar;packedparentparsl;pausedpdNamepermilpgpginpgscanphone;pimregpkcs11pluginplusb;pluse;plu  
smnpodIPspolicypopcntposterpound;prcue;preadvprefixprettyprime;printfprnap;promptpronetproto2proto3prsim;ptr  
acepubsubpythonquest;quorumrArr;rBarr;radic;rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdq  
uo;rdrandseedreadU4readatreal;reasonrebootrel=%qremoverenamerereturnrfloorrhard;rharu;rlarr;rlhar;rnmi  
d;roang;roarr;robrk;rootfsropar;rrarr;rsaquorslaversquo;rtpriortrie;rtrif;rtimerune1  
sbquo;scalarscaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdoth;sdoth;seArr;searr;secondsecretselectsem  
ctlsemgetsendtoserialserieserversetenvsetgidsetmn;setsidsetuidsha256sha384sha512sharedsharesharp;shmctlshmg  
etsigma;sigmafsignalsignedsimeq;simgE;simLE;simne;sint32sint64slarr;smile;smtes;socketsocks  
socks5sourcespadesspec:  
splicesqcap;sqcup;sqlitesqsub;sqsup;srarr;srcdocsrsrcsetstablestarf;stat64state(statfsstatusstderrstdoutstringstrns;struct  
subnE;subne;supnE;supne;swArr;swarr;sweep  
switchsybasesyncfssyntaxsyslogsysmonsystemszlig;taintstargettc\_newtelnettenanttgkillthawedthere4theta;thinspthk  
ap;thorn;theadtilde;timerstimes;toc\_%dtracestrade;trisb;tshcy;tuntaptwixt;typeofuacuteubrcy;ucirc;udarr;udhar;ugra  
veuharl;uharr;uhblk;uint16uint32uint64ultri;umacr;umountunlinkunpigzunuseduogon;updateuplus;upsih;uring;urtri;  
usemapustar  
ustar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdDOWNGRD  
DSA-SHA1DataLossDecemberDefault:Detail:  
Details:Devices:DevmajorDevminorDiamond;Divisor:DocumentDownTee;DuployanDurationENDPOINTElement;  
EnumKindEnvFrom:EnvelopeEpsilon;EthiopicExecSyncExitCodeExports:ExtendeeExtenderFSGroup:Failcnt:Febru  
aryFields:  
FieldsV1FilePathFilters:Flocker:FullNameFunctionGODEBUG=Gateway:GeorgianGitRepo:GoStringGujaratiGurm  
ukhiHTMLSpanHTTP/1.1HTTP/2.0HTTPGet:Handler:HiraganaHostIPC:HostPID:Hugetlb:INTERNALIgnore()Im  
ageID:Implies;Ingress:InitErr:InstFailInstRuneInternalIsPackedIsPublicJSONNameJavaneseJstype:  
KatakanaKayah\_LiKeyGroupKeyValueKeyring:Kind(%d)LearningLeftTee;Linear\_ALinear\_BLinknameListMetaL  
istPidsLocale:  
LocationLogPath:MD5+SHA1MahajaniManager:MapValueMappingsMaxSkew:Message:MessagesMetadataMetho  
d:  
Methods:Metrics:Mixins:  
NO\_ERRORNO\_PROXYNetwork:NewLine;NoBreak;NodeSpecNotFoundNotLess;NovemberNumber:  
OSImage:Ol\_ChikiOmicron;Oneofs: OomKill:OpenTcp:OptionalOptions:OverBar;PRIORITYPacked:  
ParseIntPeriods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags\_PaPidsStatPlugins:PodCIDR:PodCidr:Portals:PreStop:Prio  
rityProcess:Product;ProxyArpQuantityQuestionQuobyte:RBDPool:RECEIVEDRSA-OAEPRESSHuge:RTMAX-  
10RTMAX-11RTMAX-12RTMAX-13RTMAX-  
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadInt8ReceivedRel  
ated:RemovingRepeatedRequiredResourceRestrictResumingRunning:Runtime:RxBytes:SETTINGSSHA1-  
RSASHA3-224SHA3-256SHA3-384SHA3-  
512SHN\_LOOSSHUTDOWNSPDY/3.1Samples:SaturdayScaleIO:Seccomp:Seconds:Secrets:Servers:ServicesShim  
InfoShimPid:ShutdownSources:Started:SubPath:Subject:Subsets:Syntax:  
Sysctls:TableRowTagbanwaTai\_ThamTai\_VietTaskPid:ThrottleThursdayTifinaghTime: %vTimeout:Too longToo  
manyTrailer:TxBytes:TypeAAAATypeAXFRTypeMetaTypeUrl:UgariticUnified:UpArrow;Uparrow;Upsilon;UserI  
nfoValues:

VariableVariant:Verbose:Version:VolatileVolumes:Waiting:Windows:XAddModeZgotmplZ[ rdt ] [%d->%d][%s]:  
%v[::1]:53[:word:][[]Event{[]Image{[]PodIP{[]Taint{[]mapKey][pkcs11][signal

Found in path(s):

\* /docker-20-10-17-tgz/docker/containerd

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*v2.shim  
APIGroup Absolute ActorKey AdSelect AddBytes AddChild AddEvent AddFuncs AddUint8 AddValue AddrType  
Addrtype Allocate AsString Attached AuthInfo AuthType BadValue Binomial BoolVarP Buffered ByIgnore ByMetho  
ByNumber BytesHex BytesPtr CFHeader C\_Digest C\_Logout C\_SetPIN C\_Verify Ca\_state CacheDir CapNames  
CastType Category Channels Children CloseAll CmpInt64 Commands Comments Comparer Compiled Compress  
ConnPool Constant Consumes Contains ContentD Contents Continue CopyFile CopyFrom CopyList CopyPipe CoreD  
CountFds CountVar DNSNames DNSStart DataSize DataType Deadline Decision DeepCopy DefValue Demangle  
Describe DevMajor DevMinor Devmajor Devminor Digester Dispatch DoneFunc Duration ElseList EnableGC Encode  
Encoding Endpoint ErrorLog EventNum ExecSync ExitCode ExitFunc ExitIdle ExitTime ExitedAt Expanded Expecte  
Exporter Extensee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath FileSize Filename Finali  
FindType FlagSign Float32P Float64P FlowInfo Flowinfo Footnote FormFile FormName Fprintln Fragment FullName  
Function GRPCConn GaugeVec GetArray GetBegin GetCount GetCtype GetDepth GetEntry GetError GetField GetGa  
GetGroup GetIPNet GetImage GetIndex GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLimit GetLinks  
GetLinux GetMajor GetMinor GetNanos GetOwner GetPaths GetSize\_ GetSlice GetSpans GetStart GetState GetStats  
GetStdin GetUint8 GetUsage GetValue GetXattr GoString GroupIds HasFired HasFlags HasValue HashFunc HeapIdle  
HelpName HideHelp Hijacker HostPort Hostname HttpOnly IPNetVar IPSliceP IdleTime ImageRef Indirect InitJSON  
Insecure Instance Int16Var Int32Ptr Int32Var Int64Ptr Int64Var Int8VarP IntSlice IntValue IsAssign IsBinary IsClient  
IsFenced IsFolded IsHeader IsHidden IsLoaded IsNormal IsPacked IsPinned IsProto3 IsPseudo IsPublic IsRemote IsS  
IsSigned IsStream IsString IsSubkey IsUint64 JSONName JsonName KeyUsage KeysById KillShim KindFlag LacpRa  
Learning LengthOf LinkData LinkName LinkType Linkname ListData ListMeta ListPids Listener Locality Location  
LookupIP LookupMX LookupNS MACAddrs MBSchema MSpanSys MapIndex MapRange MapValue MarkDead  
MaxDelay MaxDepth Messages Metadata MinLinks MkdirAll MulRange Multiply Networks NewChild NewField  
NewGauge NewTimer NewValue NextPart NodeType Nodename NotAfter Nsignals NumEnums NumField NumFiles  
NumFlags NumLabel NumPorts OnCommit Operator Optional OrigName OtherSys OutTable Overhead Overlaps  
PMtuDisc PageSize ParseAll Password PauseEnd PeerAddr PeerName Platform PortHigh Position PostForm Pow2252  
PreferGo Priority Produces Protinfo Protocol Province ProxyArp ProxyURL PushBack PushStep PusherID Question  
Queue\_id QuoExact QuoRound RGBA64At RSSLimit RandBool RawFlags RawQuery RawToken RawWrite ReadBits  
ReadBool ReadByte ReadData ReadForm ReadFrom ReadInt8 ReadLine ReadOnly ReadRune ReadUint ReaderAt  
ReadySCs RealSize RecvTime Redacted Register Registry Releaser Repeated RepoTags Required Requires Reserver  
Resolver Resource Response Revision Rollback RootPath Rootless RssQuery RunCount RxErrors S2KCount SPIFFE  
SameSite Scope\_id Searches Sections Security SentTime Sequence ServeMux ServeTCP ServeTLS Services SetALUC  
SetBytes SetEDNS0 SetError SetFlags SetFloat SetIndex SetInt64 SetLabel SetLevel SetMilli SetScale SetValue Seve  
ShimInfo Shstrndx Shutdown SignInit Signaled SignedBy Simplify SizeType Snapshot Snd\_cwnd SortKeys SpanKind  
SpewKeys Spoofchk Sprintln StackSys StopShim StreamID StreamId SubChans SubImage Subjects Subtract SysUsag  
TableLog Terminal TextName ToString ToUint32 ToUint64 TrailCCC Truncate TxErrors TypeFlag TypeMeta TypeN  
Typeflag Uint8Var UintVarP UnixConn UnixNano Unparsed Unscaled UseBlock UseProxy Username UserTime  
Username Validate Validity VarCount VarNames Verified Verifier VisitAll Warningf Weighted WireType WithArgs  
WithKind WithName WithSink WithTime WithType WrapKeys Writable WriteInt WriteMsg WriteNil WriteRaw  
WriteVal XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*zstd.seq

AResource AcceptTCP AddCookie AddDevice AddGoFlag AddHeader AddObject AddOutput AddRtAttr AddSignal  
 AddUint16 AddUint24 AddUint32 AddValues Addralign Addresses AfterFunc Aggregate Algorithm AllocSize  
 AllowHTTP Anonymous AppendCRC ApplyOpts ArgsUsage AsFloat64 AsIfaceOf AsValueOf Attribute Authority  
 Authorize AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BitLength BlockSize BoolSlice Broadcas  
 BusObject ByteOrder BytesHexP BytesSent CATSchema CNIResult CRTValues C\_Decrypt C\_Encrypt C\_GetInfo  
 C\_InitPIN C\_WrapKey CallDepth CallSlice ClientCAs CloseChan CloseConn CloseRead CloseSend CloseWait  
 Coalesced Collector Commented Committed ConnState Connected Container Continued Converter Copyright CountVa  
 CreateCRL CreatedAt CurryWith DBusError DaysSince DebugData DecodeAll DecoderOf DeepEqual Delimiter  
 Deprecate DeriveKey DeviceIdx DialCreds DidResume DigestKey DoNotCopy DotReader DownDelay DualStack  
 DurationP DynString ECDSASigR ECDSASigS Eavesdrop EmitASCII EncapType EncodeAll EncoderOf Encrypted  
 EndColumn EndStream EqualTime ErrClosed ErrStatus ErrWriter ErrorBody ErrorCode EventChan EventFile EventLo  
 Exclusive ExportAll Extension ExtraInfo FastLeave FenceChar FieldsMap FileLocks FillBytes FindIndex FirstData  
 FlagNames FlowBased FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromNames Ftruncate  
 FullBytes FuncProto GaugeOpts GetAttach GetBucket GetByType GetCallId GetConfig GetDetail GetDevice GetDige  
 GetDomain GetEnvMap GetEvents GetFields GetFilter GetFormat GetHostIp GetImages GetIpPort GetJstype GetLabe  
 GetLength GetLocale GetLogger GetMemory GetMethod GetMetric GetMixins GetModule GetMounts GetNumber  
 GetObject GetOneofs GetPacked GetPinned GetReason GetSerial GetServer GetSocket GetSpanId GetStatus GetStderr  
 GetStdout GetString GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GlobalInt GlobalSet GoValueOf  
 GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasPacked  
 HasSpanID HeadingID HeapAlloc HeapInuse HelloTime Histogram IPConfigs IPMaskVar IPNetVarP IfInfomsg  
 ImageData ImagePath ImageSpec Increment IndexType InfoDepth InitCheck InitLevel InitToken InlineMap Int16VarP  
 Int32VarP Int64VarP IntSliceP Interface Interpret Intersect IsComplex IsCreated IsDefault IsKeyword IsLiteral IsMess  
 IsNumeric IsOnCurve IsPacked3 IsPrivate IsRegular IsSampled IsSandbox IsServing IsTimeout IsValidGo IsValidPB  
 KeepAlive KernelBTF KeyUsages LastChild LastError LatencyMu LazyPages LeafAlloc LeafInuse LeafPageN LinkA  
 LinkState ListFlags LocalAddr Locations LogCaller LogFormat LookupSRV LookupTXT MCacheSys MakeSlice  
 MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType MessageIs MessageOf MetricVec MiiStatus  
 MinTxRate MmapFlags MoveAfter Multiaddr Multicast Multiline Namespace NetNSPath NewResult NewSpanID  
 NewStream NewTicker NilChance NodeCount NodeDeref NonceSize Normalize NotBefore NumMethod NumSubexp  
 ObjectRef OmitEmpty OpenCount OpenStdin OperState Operation Overwrite PBES2Salt PBValueOf PackEface  
 PadLength PageAlloc PageCount ParentIDs ParseForm ParseGlob ParseName Partition Pdeathsig Phentsize PixOffset  
 Platforms Precision Processes PromiseID ProtoSize ProtoTime ProtoType ProxyFunc PublicKey PullImage PushFront  
 PutUint16 PutUint32 PutUint64 QuickSpan RatString RawIssuer RawOutput Rcv\_space ReadArray ReadBytes  
 ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Rebalance Reconnect  
 Reference Registers RemoveAll Reserved1 ResetPool ResizePty Resources RestartMs RootBlock RoundTrip RxDrop  
 RxPackets Sa\_family SandboxID ScanState SchemaURL SendReply Sensitive Serialize ServeConn ServeGRPC  
 ServeHTTP SetBuffer SetEnvMap SetExited SetFormat SetFrac64 SetHeader SetIndent SetInline SetJumpOp SetLabel  
 SetLinger SetNoLock SetOutput SetPrefix SetRGBA64 SetScaled SetSource SetStatus SetString SetUint64 SetValues  
 SharedKey Shentsize ShortName Shorthand SignFinal Signature SkipSpace SlaveType SnapshotD Snapshots SortFlags  
 SourceIPs SourceSAP Specified SpillTime SplitKeys SqrtRatio StartCond StartLine StartTime StartedAt Starttime  
 StdinOnce StdinPipe StreamDep StringLen StringOff StringPtr StringVar Subscribe Subsystem Supported Suspended  
 TLSConfig TLSUnique TableLive TakesFile TargetIdx Templates Temporary Terminate TimeNanos Timestamp  
 TlsConfig ToFloat32 ToFloat64 Transform Transport TrapCause Truncated TxDropped TxPackets TypeCheck TypeEn  
 Uint16Var Uint32Ptr Uint32Var Uint64Ptr Uint64Var Uint8VarP UintSlice UnixMicro UnixMilli Unmarshal UnsafeCa  
 UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageText UseNumber UserAgent ValueElem ValueSize  
 ValueType Verbosity Versioned WaitGroup WaitWrite WarningFn WarningIn WithError WithField WithLease  
 WithValue WriteBool WriteByte WriteData WriteFile WriteFlag WriteInt8 WriteJson WriteMore WriteName WriteOn  
 WritePing WritePong WriteRune WriteTime WriteToIP WriteTrue WriteUint XXX\_Merge  
 X\_\_unused/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontroller>The

GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs

```

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/container|*struct { F uintptr;
req *containers.CreateContainerRequest; l *containers.local; resp *containers.CreateContainerResponse }
IoTimeRecursivelprotobuf:"bytes,7,rep,name=io_time_recursive,json=ioTimeRecursive,proto3"
json:"io_time_recursive,omitempty"
MajorPageFaultslprotobuf:"bytes,7,opt,name=major_page_faults,json=majorPageFaults,proto3"
json:"major_page_faults,omitempty"
ResponseTypeUrlprotobuf:"bytes,4,opt,name=response_type_url,json=responseTypeUrl,proto3"
json:"response_type_url,omitempty"
SlabReclaimableprotobuf:"varint,16,opt,name=slab_reclaimable,json=slabReclaimable,proto3"
json:"slab_reclaimable,omitempty"
WorkingSetByteslprotobuf:"bytes,2,opt,name=working_set_bytes,json=workingSetBytes,proto3"
json:"working_set_bytes,omitempty"/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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17-tgz/docker/containerdpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim  
getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

Found

in path(s):

\* WritableLayerdprotobuf:"bytes,4,opt,name=writable\_layer,json=writableLayer,proto3"  
json:"writable\_layer,omitempty"

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* strictSlash

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*yaml.yamlError  
\*zip.Compressor \*zip.FileHeader AddEventHandler AddIfNotPresent AddWithExemplar AppArmorProfile  
AuthTokenSecret AuthorityHeader AuthorizationV1 BearerTokenFile BuildCachePrune BuildCatalogURL  
BuildkitVersion BytesBase64VarP C\_DecryptUpdate C\_DestroyObject C\_EncryptUpdate C\_GetObjectSize  
C\_VerifyRecover ClientHandshake ClusterDefaults CompletedTraces ComputeChecksum ConnectionError  
ConnectionState ConstantTimeSum ContainerAttach ContainerCommit ContainerConfig ContainerCreate  
ContainerExport ContainerIDFile ContainerMounts ContainerRemove ContainerRename ContainerResize  
ContainerUpdate ContainersPrune ContextSpecific CopyStoreObject CopyToContainer CreateFormField  
CriticalOptions CryptoPublicKey CryptokiVersion DecorateDecoder DecorateEncoder DefaultAddrPool  
DisableChunking DiscoveryClient EndpointsConfig EphemeralPubKey EscapedFragment ExcludePatterns  
ExecuteTemplate ExtraExtensions FieldByNameFunc FindAllSubmatch FindObjectsInit FindReaderIndex  
FindStringIndex FirmwareVersion Float32SliceVar Float64SliceVar ForceNewCluster GenerateKeyPair  
GetArchitecture GetCacheImports GetClientHeader GetCustomPrefix GetDefaultValue GetDesiredState  
GetExplicitFile GetExporterAttr GetExternalDocs GetFloat32Slice GetFloat64Slice GetGenerateName  
GetGoAwayReason GetHostTemplate GetKeepDuration GetManifestList GetMethodConfig GetPathTemplate  
GetPhpNamespace GetReservedName GetResourceName GetResourceType GetResponseCode GetServerHeader  
GetStackEntries GetTargetByName GreaterThanZero HardwareVersion HasCapabilities HasCertCallback  
HasExperimental HasFragmentOnly HasFullFilePath HasUpdateConfig HasUpdateStatus HistogramWindow  
IdentityMapping IdleConnTimeout IncludePatterns IsDefaultConfig IsEventResource IsGlobalUnicast IsUnlessStopped  
KeepaliveParams KernelMemoryTCP Keys

Found  
in path(s):  
\* sstyp:"32" XXX\_OneofFuncs YubiPrivateKey

# 1.415 containerd-opencontainers v1.6.19

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Changes:

- \* Renamed files from `civil*` to `localtime*`.
- \* Package changed from `civil` to `toml`.

\* 'Local' prefix added to all structs.

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Go support for Protocol Buffers - Google's data interchange format

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Support for streaming Protocol Buffer messages for the Go language (golang).

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see



<https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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## 1.419 amd-wdt 1.0

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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '&#10;'))"/>

<xsl:text>&#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '&#10;')"/>



```

<xsl:if test="translate($rest, '	 ', ')">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text" select="$rest"/>
 </xsl:call-template>
</xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
 <xsl:text>
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 </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text">
 <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
 <xsl:text>Copyright (C) </xsl:text>
 <xsl:call-template name="copyright.years">
 <xsl:with-param name="years" select="db:year"/>
 </xsl:call-template>
 <xsl:text> </xsl:text>
 <xsl:value-of select="db:holder"/>
 <xsl:value-of select="$isc.copyright.breakline"/>
 <xsl:text>
</xsl:text>
 </xsl:for-each>
 <xsl:value-of
 select="$isc.copyright.text"/>
 </xsl:with-param>
 </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
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```

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

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<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css"
/>
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>
```

```
<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu">Modules | Directives | FAQ | Glossary | Sitemap</p>
<p class="apache">Apache HTTP Server Version 2.4</p>
</div>
<div class="up"></div>
```

<div id="path">  
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">HTTP Server</a> &gt; <a href="http://httpd.apache.org/docs/">Documentation</a> &gt; <a href=".">Version 2.4</a></div><div id="page-content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>  
<div class="toplang">  
<p><span>Available  
Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>  
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</div>

</div>

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</div><div class="top"><a href="#page-header"></a></div><div

class="section"><h2><a id="comments\_section" name="comments\_section">Comments</a></h2><div

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<script type="text/javascript"><!--><![CDATA[//><!--

var comments\_shortcode = 'httpd';

var comments\_identifier = 'http://httpd.apache.org/docs/2.4/license.html';

(function(w, d) {

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if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
 d.write('<div id="comments_thread"></div>');
 var s = d.createElement('script');
 s.type = 'text/javascript';
 s.async = true;
 s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortcode + '&page=' +
comments_identifier;

 (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
}
else {
 d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
}
})(window, document);
</script></div><div id="footer">
<p class="apache">Copyright 2020 The Apache Software Foundation.
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<p class="menu">Modules | Directives | FAQ | Glossary | Sitemap</p></div><script type="text/javascript"><!--<![CDATA[<!--
if (typeof(prettyPrint) !== 'undefined') {
 prettyPrint();
}
--></script>
</body></html>

```

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## 1.427 python3-inotify 0.2.10

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## 1.432 cpt-driver 12.23.08

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## 1.433 tpm2-tss-tcti 3.1.0

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## 1.434 mmc-utils 0.1

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/\*

\* HMAC-SHA-224/256/384/512 implementation

\* Last update: 06/15/2005

\* Issue date: 06/15/2005

\*

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\* /mmc-utils-0-1-tar-gz/mmc-utils-0.1/3rdparty/hmac\_sha/hmac\_sha2.c

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/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-  
0.1/3rdparty/hmac\_sha/hmac\_sha2.h/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-  
0.1/3rdparty/hmac\_sha/sha2.c/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-  
0.1/3rdparty/hmac\_sha/sha2.h/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc.c/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc.h/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc\_cmds.c/\*

/opt/cola/permits/2641610453\_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc\_cmds.h/\*

Found in path(s):

\*

# 1.435 bind 9.11.36

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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '&#10;'))"/>

<xsl:text>&#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '&#10;')"/>

<xsl:if test="translate(\$rest, '&#9;&#32;', '')">

```

 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text" select="$rest"/>
 </xsl:call-template>
 </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
 <xsl:text>
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 file, You can obtain one at http://mozilla.org/MPL/2.0/.
 </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text">
 <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
 <xsl:text>Copyright (C) </xsl:text>
 <xsl:call-template name="copyright.years">
 <xsl:with-param name="years" select="db:year"/>
 </xsl:call-template>
 <xsl:text> </xsl:text>
 <xsl:value-of select="db:holder"/>
 <xsl:value-of select="$isc.copyright.breakline"/>
 <xsl:text>
</xsl:text>
 </xsl:for-each>
 <xsl:value-of
 select="$isc.copyright.text"/>
 </xsl:with-param>
 </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->

```

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# 1.438 curl 7.54.1

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=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

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## 1.439 grub2 2.12

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1HH}HHAHAH1HC,HHH[A\A]A^A\_]UHAUIATIHSHPHL1IIHHL1IIHHL1IIHHE11HHHHHE11IIHHHLE  
11HHHLE11HHHE11HHHH1E1HHHHHLHZ[A\A]]UHSHPHH8HH8HH8HH8HH8HH8HH8HH8HH8HH8Z[H]H  
UHAVIAUIHSLHH}H}HtNHHLH9t5u\*HLHH[A\A^]1H[A\A^]UHAWIAVAUIATISH(Hu1H}AHH}4LIAH4tC  
H?HUH(1H[A\HA]A^A\_]A<\$ELFuA|\$uA|\$tHA|\$t+HH(1H[A\A]A^A\_]HuLHA\$t.}HIEHtAt\$  
H}AHuH}AT\$.IuUH}AAL\$.HEHH9t3Hu#HU1HHH([A\A]A^A\_]U1HAWAVAU IHMATSHHHhHhHXHUHXH  
EHHtH}HLe4HuHULtLH9sxt`HH1HMPHHuHDpPH\$IAD\$`LAD\$dADAEIHD`HADHH}DxPHCD<HhI|D3AHt`  
DHHhIHPhAHPh9upHdLHPHhAHPhu\*DdHBBhHHPHLAL9uD`E1dHXHHHP;MHHHt  
LE9rXDC1HHHIDEAHuHu4HxHuH|hH}Hhu|I]H[A\A]A^A\_]HUHAWAVMAUIHMATSHDM  
HUH`1HHH`HuLuYHxH}H8HEH|H}HPH|xHPHHH1H9sDAEtAtDAL9IBH4I}IH9HB|HHuHHHHHLHHsHH}Lh  
LPHXExHPHI9EOEAGPAG  
HDhHHIP1AAZEGAWYt8HXLi+HAOH`HIuHt)HXLi+>1HLHHAGAWHLH9hHChHhEIHXLI+1IuA4H`IHAH  
hM|\$4MXDXiI9H`LBELI+LhHLIuALhMIDxHXDD|H`D)EELELMLI+LhHIuADI}MLhIMD|HDD)EELHMME  
)HH}u#IUH`LHHHHe[A\A]A^A\_]HUHAWAVAU IHxATSHHH@1HhH@HxHhHU!HHxHtH}HLxu(UMtHI<I9  
sAt%IhLHhAWAGHu8IHP@X8\X\HHD4HHIEHHHHH`HHHH}IH4HuH`EHH4EEA1fCLC  
H"HCUtLH9saH0HHAH0I9uEt4#HP1H9uEt|D4CCEHHAwHhIAHtI8HHhIH8AH8H9uGHPHhpAHunDX\HhH4  
LAL9t1u>H@HHHuHhLHhu!HHH`HHIUH[A\A]A^A\_]U1HAWAVAUATSHHHHUH@HMHEHHpH`LXtH}A  
H}HuHH}u#UHuHH9sxtHHHPiIDpTH\$HPH@<8ATHhHAHxHDHpIAHtUhhHxIHpAHhH9tHx8HhHAIHu  
Hx"<HpAHu!HxALAHhHhHpLAHhH9tYHxALAH`H1H[A\HA]A^A\_]LxE11xD)T9sAFufA>t\_LHpHIAHpA>H  
IDLHpAHpMDHtMu.PIIHtMuHxIIAt>HxALAH1H[A\HA]A^A\_]JHXHxHBHHH@%H)HXHHHHHBAGH@%H)  
HXHHAALAH[A\A]A^A\_]UHAWIAVAUIATISH(Hu1H}AHH}@LIAH@tCH?HUH(1H[A\HA]A^A\_]A<\$ELF  
uA|\$uA|\$tHA|\$t+HH(1H[A\A]A^A\_]HuLHA\$t:H}HIEHtAt\$(H}AHuH}AT\$.IuUH}AHAD\$:HEH9t3Hu#HU1HH  
H([A\A]A^A\_]HUHAWAVAU IHxATI1SH<IHUHhluHxHhL`HuH}H}HuHLxHHHLLH9s%L@  
MtHP0HtHL  
HH!LHH`HHH)H%HuHLHH}IMHH@EHeli9SMN M:IF0HtJT III!MfEHRHHIP1AH@LH)HA~HPIF  
Y^HXIEIvHhHHHHt`HXHPHHhHXH9tXHHHHt!HX1HPHMF  
EI<EIMIHA)I\$HH%HI}Hu0@HuHuULU  
hHxHhHe[A\A]A^A\_]U1HAWAVAUATSHHHXHXHPHUHPH8HhHhHAHpH}HALh@HuHAuHpLHHLH9sxt'  
HH1HmP(HHHuHLh H0HH8IID\$Mt\$ HHH(CD5HH@H8H@HH  
HHHIIHAH}EHLx0HH@HXLIEL+AHtOHLHXHHL9umHE(HXL2H@AH@HuHD89LbLHXHLL9uIdHD8EH  
P1HHH;LLt`HHAHHHDHL9r[LC1HHHILEAHuHAu7HxHAuHuAHhHEuHEH8HH%HHD[A\A]A^A\_]HUHA  
WAVAU1ATSHHHhHhH@HUH@HpHpt!HHPhxH}HLpu\*uHxMHHI<I9sAt%IhLhAW(IG HuH8IHPH@  
H08\0\HHD@HHIEHHHHH`HHHH}IH@HuH`EHH@EEAfC11HCLSHC@UHxHLH9seH(HHAH(UI9uHxHH  
@\$HP1H9uHx)HHD@HCHHCHIwHhIAHtJ8HHhIH8AH8H9uHHPHhHpAHunD0\HhH4LAL9t1u>H@HHHuHh  
LHhu!HHH`HHIUH[A\A]A^A\_]U1HAWAVAUATSHHHHUH@HMHEHHpHhL`t  
H}ADH}HuHH}Au%uHMHHHHHH9sztHH%HZ B(ILrHXHZ8HHPHXH@

H8HH0ADXLHxHHpDHHtCHxLHpIAL9tHxD0LHHu  
Hx+8HpHHu"HxAHAHD8HpLHAL9uDX1E1E1DPLxsHxAHAHD8EHhH1H[A\HA]A^A\_]AD\$tPDID9rA<\$tX  
HHHDhDpA<\$HHMDHDpDhXMDMoMf  
MtMuHxIII}t>HxAHAH1H[A\HA]A^A\_]IFH`H@HxHIFHH(H)H`HHHAIEH@%H)H`HHBAHAHD[A\A]A^  
A\_] @12abcdmqsvxzh@abcsdrh @ DhaCcdgmnpqrsvsizaddrtypename %-18s %-18s%14s%14s  
%-18s 0x%08x 0x%08x  
filename expectedyou need to  
load the kernel firstno kOpenBSD loadedyour kOpenBSD doesn't support ramdiskyour kOpenBSD supports  
ramdisk only up to %lu bytes, however you supplied a %lu bytes onepremature end of file %sonly FreeBSD  
supports moduleonly ELF kernel supports moduleonly FreeBSD supports environmentkFreeBSD.%syour CPU does  
not implement AMD64 architecturekern\_start = %lx, kern\_end = %lx  
bsdloader/i386/bsd.cinvalid arch-dependent ELF magicinvalid a.out headerload address below 1Mno NetBSD  
loaded %-18s%14s%14s%14s  
%-18s 0x%08x 0x%08x 0x%08xknetbsd\_module\_elf%u entries in smap  
textgfxpayload%s;800x600800x600Booting in blind modecompmdlen too longnetbsdunknown disk type nameonly  
device specifications of form <type><number><lowercase letter> are supportedonly com0-com3 are  
supportedkFreeBSD./boot/zfs/zpool.cacherawno FreeBSD loadedtype=elf64 kernelelf kernelzfsgzioLoad kernel of  
FreeBSD.FILEkfreebsdLoad kernel of OpenBSD.kopenbsdLoad kernel of NetBSD.knetbsdLoad FreeBSD  
env.kfreebsd\_loadenvLoad FreeBSD  
kernel module.kfreebsd\_moduleLoad NetBSD kernel module.knetbsd\_moduleLoad NetBSD kernel module  
(ELF).Load FreeBSD kernel module (ELF).kfreebsd\_module\_elfLoad kOpenBSD  
ramdisk.kopenbsd\_ramdiskwdfdsdcvndrno-smpDisable SMP.no-acpiDisable ACPI.asknameAsk for file name to  
reboot from.haltDon't reboot, just halt.configChange configured devices.kdbEnter in KDB on  
boot.minirootquietDon't display boot diagnostic messages.singleBoot into single mode.verboseBoot with verbose  
messages.debugBoot with debug messages.silentSuppress normal output (warnings remain).rootSet root  
device.DEVICEserialUse serial console.[ADDR|comUNIT][,SPEED]wdXYcomUNIT[,SPEED]dualDisplay output  
on all consoles.cdromUse CD-ROM as root.Invoke user configuration routing.gdbUse GDB remote debugger  
instead of DDB.muteDisable all boot output.nointrpauseWait for keypress after every line of output.dflrootUse  
compiled-in root device.premature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF  
magicno symbol  
table\_DYNAMICdynamic = %llx  
bsdloader/i386/bsd32.loading section to %x, size %d, align %d  
elf modulerd\_root\_imagerd\_root\_sizeunexpected size of rd\_root\_sizepremature end of file %sinvalid arch-  
independent ELF magicinvalid arch-dependent ELF magicloading section to %x, size %d, align %d  
bsdloader/i386/bsd64.celf obj moduleno symbol table\_DYNAMICdynamic = %llx  
rd\_root\_imagerd\_root\_sizeunexpected size of  
rd\_root\_sizeLICENSE=GPLv3+aoutbootcpuidcryptofextcmdgcry\_md5mmaprelocatorserialvideobsd2\*4)NEcv&3  
L:}4CZlx%B(<PG:r~\*"8HWi(7|J>\*R0ALi)6VHWsgrub\_mod\_initgrub\_mod\_finigrub\_strlengrub\_netbsd\_load\_elf  
\_meta64grub\_efi\_finish\_boot\_servicesgrub\_aout\_get\_typegrub\_puts\_grub\_strncmpgrub\_strtoullgrub\_efi\_system\_ta  
blegrub\_env\_update\_get\_sortedgrub\_strcpygrub\_elf\_is\_elf32grub\_loader\_is\_loadedgrub\_strchrgrub\_ns8250\_hw\_g  
et\_portgrub\_dl\_loadgrub\_elf32\_load\_phdrgrub\_relocator32\_bootgrub\_freebsd\_load\_elfmodule32grub\_elf\_filegrub  
\_xasprintfget\_virtual\_current\_addressgrub\_video\_set\_mode\_gcry\_digest\_spec\_md5grub\_memmovegrub\_device\_o  
pengrub\_relocator\_alloc\_chunk\_aligngrub\_elf64\_get\_shnumgrub\_disk\_readgrub\_unregister\_extcmdgrub\_loader\_u  
nsetgrub\_dl\_refgrub\_mmap\_iterategrub\_file\_seekgrub\_relocator\_unloadgrub\_errnogrub\_memsetgrub\_openbsd\_fin  
d\_ramdisk32grub\_register\_command\_priogrub\_elf\_is\_elf64grub\_video\_get\_driver\_idgrub\_mmap\_get\_lowergrub\_  
mmap\_get\_uppergrub\_freebsd\_load\_elfmodule\_obj64grub\_printfgrub\_unregister\_commandgrub\_file\_readgrub\_fre  
ebbsd\_add\_meta\_modulegrub\_elf\_closegrub\_print\_errorgrub\_zallocgrub\_strcmpgrub\_strchrgrub\_elf64\_loadgrub\_m  
allocgrub\_relocator64\_bootgrub\_file\_closegrub\_file\_opengrub\_real\_dprintfgrub\_freebsd\_load\_elf\_meta32grub\_call



UKMP S0VpY]`gt|0@Xh F0MHdXlp`pFM(8@(P`h-=B0@Xbhh| 0HXp\$-  
FMdl.symtab.strtab.shstrtab.rela.text.rela.rodata.rodata.str1.1.data.module\_license.bss.moddeps.modname  
@V@x?+`V8 &@32lj  
BhHhX h] hGfghph XqXo

# 1.440 ncurses 6.3

## 1.440.1 Available under license :

Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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-- \$Id: COPYING,v 1.10 2021/01/01 09:54:30 tom Exp \$  
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# 1.442 packaging 21.3

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# 1.447 python-setuptools 65.5.0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for



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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  |              |           |            |                     |
| 2.1.1          | 2001-now     | PSF       |            | yes                 |

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## 1.453 more-itertools 8.12.0

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# 1.455 python-pip 23.0.1

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v

\$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |

|               |       |          |     |     |
|---------------|-------|----------|-----|-----|
| 2.1.2         | 2.1.1 | 2002     | PSF | yes |
| 2.1.3         | 2.1.2 | 2002     | PSF | yes |
| 2.2 and above | 2.1.1 | 2001-now |     |     |
| PSF           | yes   |          |     |     |

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## 1.458 packaging 19.0

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/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdDOWNGRD DSA-SHA1DataLossDatetimeDecemberDetail: Details:DevmajorDevminorDiamond;DiffCopyDigest: Disable:DownTee;DuployanDurationECC- GOSTElement;EndpointEntries:EnvelopeEpsilon;EthiopicExports:ExtenderFailFastFailcnt:FebruaryFields: Filters:FunctionGODEBUG=Gateway:Generic:GeorgianGetTokenGoStringGujaratiGurmukhiHTTP/1.1HTTP/2.0H ashes: HiraganaHugetlb:INDIRECTINSECUREINTERNALIPAMDatalf- MatchIgnore()Implies;Indices:Ingress:InitErr:InstFailInstRuneInternalJavaneseJstype: KatakanaKayah\_LiKmsKeyIdLearningLeaving:LeftTee;Linear\_ALinear\_BLinknameListPidsLocale: LocationLogEntryLowerDirMD5+SHA1MahajaniManager:ManifestMappingsMembers:Message:Method: Methods:Metrics:Mixins: ModTime:Monitor:NO\_ERRORNO\_PROXYNS(NS(none)NSAP- PTRNXDOMAINNetwork:NewLine;No such NoBreak;NodeIDs:NodeLeftNodeNameNodeSpecNotFoundNotLess;NovemberNumber: ONBUILD OPTIONALORPHANEDOI\_ChikiOmicron;Oneofs: OomKill:OpenTcp:Options:OverBar;PREVIOUSPRIORITYPacked: ParseIntPayload:Periods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags\_PaPidsStatPlatformPlugins:PriorityProcess:ProdFipsProduct;ProxyArpQuestionREJECTEDREQUIREDROLLBACKRPRIVATERSSHuge:RTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadFileReadInt8ReadOnlyReceivedRefCountReloadedRemove()Removed:RemovingReservedResourceRestart:RestrictRetries:RootDirRuntime:RxBytes:SERVFAILSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-512SHELL %vSHUTDOWNSTARTINGSameSiteSamples:SaturdayScopes: Secret: Secrets:SelectByService:ShimInfoShimPid:ShutdownSigned: StatFileStreams:Subject:Syntax: Sysctls:TARGETOSTLSInfo:TagbanwaTai\_ThamTai\_VietTaskIDs:TaskNameTaskSpecThrottleThursdayTifinagh Time: %vTimeout:Trailer:TreeHashTxBytes:TypeAAAATypeAXFRTypeUrl:UDPErrorsUPDATINGUgariticUlimits:UpArrow;Uparrow;Updates:UpperDirUpsilon;Values: VariableVariant:Version:VolatileWORKDIR XAddModeXattrs: YXDOMAINZgotmplZ[%d->%d][%s>%s] [%s]: %v[:1]:53[:word:][DEBUG] []Image{[a-zA-Z][mapKey][signal [zfs] %s"@type":"attrs":"config""value":

Found in path(s):

\*

legacylengthlescc;level:lffloorlhard;lharu;lhlblk;limitslinkatliskovlistenllarr;lltri;lneqq;lmsim;loang;loarr;lobrk;local0l  
ocal1local2local3local4local5local6local7local:lockedloggerlopar;lovinglowastlower1lower2lrrarr;lrrhar;lrrtri;lsaquols  
ime;lsmg;lsquo;ltcir;ltldot;ltrie;lrrif;mDDot;mailtoallocmanglemastermax\_bymcleanmdash;membermemorymend  
elmergedmerklemethodmicro;middotmin\_byminus;minutemips64mipselmipslemirredmkfifomlock2modestmodule  
mount.mount=mountsmqueuemremapmsgctlmsggetmsggrcvmsgsndmumap;munmapmusingnabla;napid;napiernapos;  
natur;nbump;ncong;ndash;ndots;neArr;nearr;nedot;nesim;netdnsnewtonngeqq;ngsim;nh4 %snh6  
%snhArr;nharr;nhpar;nil ipnil  
rrnlArr;nlarr;nleqq;nless;nlsim;nltr;nocopynodeidnoexecnofilenomandnosuidnotifynotin;notni;npart;nprec;nrArr;nr  
arr;nrrtri;nsime;nsmid;nspar;nsuE;nsuE;nsucc;nsupE;nsupe;ntildenumbersnumsp;nvidianvsim;nwArr;nwarr;oacuteo  
bjectocirc;octetsodash;oelig;ofcir;ograveohbar;oif  
%doif  
%solarr;olcir;oline;omacr;omega;onlineonlinkopaqueopenatoperp;oplus;orarr;order;originoslashotildeotimesovbar;p  
aniniparentparsl;pascalpasswdpausedpermilpgpginpgscanphone;pimregpluginplusb;pluse;plusmnpolicypopcntposter  
pound;prcue;preadvprime;printfprnap;promptpronetprsim;ptracequest;queuedquirkyquorumquotasrAarr;rBarr;radic;  
rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreats;reasonrebootr  
ef  
%vregionreloadremoteremoverenamerepeatresizeresultresumereturnrfc822rfloorrhard;rharu;rhodesrlarr;rlhar;rnmid;  
roang;roarr;robrk;rootfsropar;route2routesrrarr;rsaquorslaversquo;rtpriortrie;rtrif;rttimerune1  
s/mimesammetsamplesbquo;scaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searchsearr;  
secondsecretsecureselectsemctlsemgetsendtosereneserversetACLsetenvsetgidsetmn;setsidsetuidsha256sha384sha51  
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ysmile;smtes;snymsocketsocks  
socks5sortedsourcespadesspec:  
spencesplicesplunksqcap;sqcup;sqsub;sqsup;squashsrarr;srcdocsrcsetssh://starf;stat64state(statesstatfsstatusstderrstd  
outstolenstreamstringstrns;structsubnE;subne;supnE;supne;swArr;swarr;swartzsweep  
switchsyncfssyntaxsyslogsysmonsystemszzlig;tar.gztar.xztargettarsumtasks.tc\_newtcp://telnettendertgkillthawedthere  
4theta;thinspthkap;thorn;threadtilde;timerstimes;tlskeytoml:  
trade;trisb;tshey;tunneltuntapturingtwixt;typeofuacuteubrcy;ucirc;udarr;udhar;udp://ugraveuharl;uharr;uhblk;uint16u  
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/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd*struct { pragma.NoUnkeyedLiterals; Message protoreflect.Message; Buf []uint8; Flags uint8
} AnonThpTprotobuf:"varint,10,opt,name=anon_thp,json=anonThp,proto3" json:"anon_thp,omitempty"
ConfigMapKeyRefLjson:"configMapKeyRef,omitempty" protobuf:"bytes,3,opt,name=configMapKeyRef"
DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints"
ExitedAtSprotobuf:"bytes,2,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at"
ExitedAtSprotobuf:"bytes,3,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at"
ExitedAtSprotobuf:"bytes,4,opt,name=exited_at,json=exitedAt,proto3,stdtime"
json:"exited_at" ExitedAtSprotobuf:"bytes,5,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at"
GoPackageRprotobuf:"bytes,11,opt,name=go_package,json=goPackage" json:"go_package,omitempty"
```

KubeletEndpointLjson:"kubeletEndpoint,omitempty" protobuf:"bytes,1,opt,name=kubeletEndpoint"  
NetNSMountsUnderStateDirCtoml:"netns\_mounts\_under\_state\_dir" json:"netnsMountsUnderStateDir"  
NonResourceURLsLjson:"nonResourceURLs,omitempty" protobuf:"bytes,7,rep,name=nonResourceURLs"  
OperatorSjson:"operator" protobuf:"bytes,2,opt,name=operator,casttype=LabelSelectorOperator"  
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tgz/docker/ctrruntime.convTslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListServer).SetTrailer/opt/cola  
/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.CloseSend/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Context/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Header/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.RecvMsg/opt/cola/pe  
rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.SendMsg/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Trailer/opt/cola/permi  
ts/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.Context/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.RecvMsg/opt/cola/pe

rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendMsg/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSlice).Value/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSlice).Set/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSlice).String/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSlice).Get/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.String/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.GetName/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.IsRequired/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.TakesValue/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.GetUsage/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.GetValue/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.Apply/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.ApplyWithError/opt/cola  
/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag.ApplyWithError.func1/o  
pt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*Context).IntSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.lookupIntSlice/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*Context).GlobalIntSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrtype..eq.github.com/containerd/containerd/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSliceFlag).Apply/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSliceFlag).ApplyWithError/opt/c

ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSliceFlag).GetName/opt/cola/per  
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ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSliceFlag).String/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(\*IntSliceFlag).TakesValue/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockeralpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendaring;asyp;atildeattachauthoravx512a  
wint;bcong;bdquo;bearerbeforebepsi;blank;blk12;blk14;blk34;block;bootIDborderboxDL;boxDR;boxDL;boxDr;box  
HD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUI;boxUr;boxVH;boxVL;boxVR;boxVh;boxVI;boxVr;boxdL;boxdR;  
boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;brace  
dbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;ca-  
keyca.pemcaret;caron;causesccaps;ccedilccirc;ccups;cedil;cephfschan<-  
changecheck;cinderclientclosedclubs;colon;color:comma;configcookiecoordscpusetcrarr;createcross;csube;csupe;ct  
dot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-\_ctrl-actrl-bctrl-cctrl-dctrl-ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-  
octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-  
zcuepr;cuesc;cupor;currencuvee;cuwed;cwint;darwindashv;dblac;ddarr;defineddeletedelim(delta;denieddeploydetach  
devicedharl;dharr;diams;digestdisin;dividedns-  
rmdockerdomaindoteq;driverdryRundtdot;dtrif;duarr;duhar;eDDot;eacuteecirc;efDot;efenceeffectegraveegressemacr  
;empty  
empty;env-rmeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno errorsesdot;eventsexceptexec:  
exist;existsexpectexpiryposexposefailedfflig;field  
filig;filterfjlig;fllig;fltns;followforkv;formatfrac12frac14frac34frac1;frown;fsTypeegamma;gcirc;gcloudgescc;gimel;gi  
t://globalgneqq;gnsim;go1.5.go1.6.gophergrave;groupsgrpelbgstime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerheig  
hthiddenhoarr;hostIPiacuteicirc;iexcl;igraveiint;iiota;ijlig;imacr;image;imagesimath;imped;importinfin;iogon;ip+ne  
tipMaskiprod;iquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jukcy;kappa;killedIAarr;IBarr;label!labelslangd;laquo;la  
rrb;lates;latestlbarr;lbrk;lbrke;lceil;lchownldquo;leaseslescc;lhard;lharu;lhlblk;limitslistenllarr;lltri;lneqq;lnsim;loan  
g;loarr;lbrk;lpar;lrarr;lrhar;lrtri;lsime;lsimg;lsquo;ltcir;ltdot;ltrie;ltrif;mDDot;mailtomastermdash;mediummemory  
methodmetricmicro;middotminus;minutemips64modulemumap;nabla;napid;napos;natur;nbump;ncong;ndash;ndots:  
neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;npar;nlArr;nlarr;nleqq;nless;nlsim;nltr;nocopynod  
eIDnoexecnofilenomandnosuidnotin;notni;npart;nprec;nrArr;nrarr;ntri;nsime;nsmid;nspar;nsuE;nsuE;nsucc;nsup  
E;nsupe;ntildenumbersp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;oelig;ofcir;ograveohbar;olarr;olcir;oline;o  
macr;omega;onlineopaqueoperp;oplus;orarr;order;originoslashostypeotildeoutpovbar;parl;pausedpdNamephone;p  
luginplusb;pluse;plumnpodIPspoliciypopcntposterpound;prcue;prefixprettyprime;printfprnap;promptprsim;quest;rA  
arr;rBarr;radic;rangd;range;rangesraquo;rarrb;rarrc;rarrw;ratio;rarr;rbrk;rbrke;rceil;rdquo;rdrandrandseedreadU4rea  
datreals;reasonremoteremoverenamereturnrhard;rharu;rlarr;rlhar;rmid;roang;roarr;robrk;ropar;rotaterrarr;rsapssrsla  
versquo;rtpriortrie;rtrif;rttimerune1  
sbquo;scalarsccue;schemaschemescirc;scnap;scopedscopesscriptscsim;sdotb;sdot;seArr;searchsearr;secondsecretsel  
ectsendtoserieserversetenvsetmn;sha256sha384sha512sharedsharp;sigma;signalsignersimeq;simgE;simlE;simne;sla  
rr;smile;smtes;socketsocks  
socks5sourcesplicesqcap;sqcup;sqsub;sqsup;squashsrarr;srcdocsrcsetstacksstagesstarf;state(statusstderstdoutstream  
stringstrns;structsubnE;subne;subnetsupnE;supne;swArr;swarr;sweep



switchsysctlsysmonsystemszzlig;taintstar.gztar.xztargettcp://telnettenanttheta;thkap;thorn;tilde;timerstimes;tlskeytrad  
e;trisb;tshcy;twixt;typeofuacuteubrcy;ucirc;udarr;udhar;udp://ugraveuharl;uharr;uhblk;uint16uint32uint64ulimitultri;  
umacr;uniqueunlockunpigzunuseduogon;updateuplus;upsih;uring;urtri;usagesusemapusersustar  
ustar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerDOWNGRD DSA-  
SHA1DataLossDecemberDefault:Detail:  
Details:DevmajorDevminorDiamond;DiffCopyDisable:Divisor:DownTee;Drivers:DuployanDurationElement;Endp  
ointEntries:EnvFrom:Epsilon;EthiopicExtenderFINISHEDFSGroup:FebruaryFields:  
FieldsVIFilters:Flocker:GODEBUG=Gateway:Generic:GeorgianGitRepo:GoStringGujaratiGurmukhiHOSTNAME  
HTTP/1.1HTTP/2.0HTTPGet:Handler:HeadlessHiraganaHostIPC:HostPID:HostnameIMAGE  
IDINSECUREINTERNALIPBlock:ImageID:Implies;Indices:Ingress:InstFailInstRuneInternalJavaneseJstype:  
KatakanaKayah\_LiKeyring:LeftTee;Linear\_ALinear\_BLinknameListMetaLocale:  
LocationMD5+SHA1MahajaniManager:ManifestMaxSkew:MemUsageMembers:Message:Method:  
Methods:Metrics:Mixins:  
ModTime:Monitor:NETWORKSNO\_ERRORNO\_PROXYNetwork:NetworksNewLine;NoBreak;NodeBoolNodeI  
Ds:NodeListNodeSpecNodeTextNotFoundNotLess;NovemberNumber:  
OFFICIALORPHANEDOSImage:OI\_ChikiOmicron;Oneofs:  
Options:OverBar;OverheadPREVIOUSPRIORITYPacked:  
ParseIntPasswordPayload:Phags\_PaPlatformPlugins:PodCIDR:Portals:PreStop:PriorityProduct;QuantityQuestionQu  
obyte:RBDPool:REJECTEDREPLICASROLLBACKRPRIVATERTMAX-10RTMAX-11RTMAX-12RTMAX-  
13RTMAX-  
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15ReadBoolReadInt8ReceivedRelated:Rem  
oved:ReplicasRequest:ResourceRestart:Retries:RoleRef:Root  
KeyRunning:Runtime:SELinux:SERVICESSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-  
512SHUTDOWNSTARTINGSameSiteSaturdayScaleIO:Scopes: Seconds:Secret:  
Secrets:SelectByService:ServicesSigned:  
SnapshotSources:StackAPIStarted:Streams:SubPath:Subject:Subsets:Suspend:Syntax:  
Sysctls:TLSInfo:TagbanwaTai\_ThamTai\_VietTaskIDs:TaskSpecThursdayTifinaghTimeout:Trailer:TypeAAATyp  
eAXFRTTypeMetaTypeUrl:UPDATINGugariticUlimits:UpArrow;Uparrow;Updates:Upsilon;User  
PinUserInfoUsernameValues: Version:Volumes:Waiting:Webhook:Xattrs: ZgotmplZ[%s>%s]  
[::1]:53[:word:][[]Event{[]Lease{[]PodIP{[]Taint{[a-zA-Z][mapKey][signal "@type":"Config" "value":

Found in path(s):

\* \*specs.WindowsStorageResources

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):

\* ZeroFields

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

\*channelz.channel \*cipher.BlockMode \*cli.DurationFlag \*cli.IntSliceFlag \*cli.RequiredFlag \*cni.ConfigResult

\*containerd.Image/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/ctr \*[]timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/ctr

Found in path(s):

\* json:"msg" MulticastAddrs OnlyCachedConn ProgressOutput ReadBufferSize ReplaceAllFunc RequiredNotSet ReservedRanges ResponseToHEAD RevocationTime ScalarBaseMult SetEmitEnabled SetReuseFrames SetWithComment SetWithOptions SetWriteBuffer SetsockoptByte SignatureValue SkipAdditional SkipAllAnswers SkipArgReorder StreamsStarted TransferCTable TypeDescriptor UnmarshalState VerifiedChains VerifyHostname VersionService WriteRSTStream XXX\_OneofFuncs

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdr\*struct { F uintptr; wg \*sync.WaitGroup; s \*grpc.Server; st transport.ServerTransport; roundRobinCounter \*uint32 }

Found in path(s):

\* PgdeactivateOprotobuf:"varint,27,opt,name=pgdeactivate,proto3" json:"pgdeactivate,omitempty"  
PodAntiAffinityLjson:"podAntiAffinity,omitempty" protobuf:"bytes,3,opt,name=podAntiAffinity"  
PreferAvoidPodsLjson:"preferAvoidPods,omitempty" protobuf:"bytes,1,rep,name=preferAvoidPods"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,1,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,2,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,4,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,6,opt,name=resourceVersion"  
ResourceVersionLjson:"resourceVersion,omitempty"  
protobuf:"bytes,7,opt,name=resourceVersion" StoragePolicyIDLjson:"storagePolicyID,omitempty"  
protobuf:"bytes,4,opt,name=storagePolicyID" VolumeNamespaceLjson:"volumeNamespace,omitempty"  
protobuf:"bytes,2,opt,name=volumeNamespace"

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*sha512.digest  
\*snapshots.Opt \*sort.IntSlice \*spdy.StreamId \*specs.Process \*specs.Solaris \*specs.VMImage  
\*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
\*zstd.fseState AbsolutePrefix AdActorSysPrio AddASN1Boolean AddASN1UTCTime AddMatchSignal  
AddNetworkList AllAdditional AllAuthorities AppendFullName ApplyWithError AsFloat64Slice AuthorityKeyId  
AuthorizerOpts BalancerConfig BorrowIterator BoundaryBefore BreakWithError BytesBase64Var C\_CloseSession  
C\_CreateObject C\_DecryptFinal C\_DigestUpdate C\_EncryptFinal C\_GetTokenInfo C\_VerifyUpdate CallsSucceeded  
CapabilityArgs ChannelzMetric CheckSignature CheckpointOpts ChildSpanCount ClockFrequency CloseWithError  
CombinedOutput CommonAuthInfo CompareAndSwap CompressorType ContainerStats ContentSubtype  
ConvertSchema1 Cpu  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*sha512.digest  
\*socks.Command \*sort.IntSlice \*ssh.PublicKey  
\*ssh.Signature/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
\*zip.nopCloser AddASN1Boolean AddASN1UTCTime AllAdditional AllAuthorities Aud  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*solver.expDep  
\*sort.IntSlice \*source.Source \*specs.Process \*specs.Solaris \*specs.VMImage \*specs.Windows \*srslog.Framer  
\*srslog.Writer \*ssh.PublicKey \*ssh.Signature/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*zk.syncRequest AAAA

Found

in path(s):

\* ZeroReadIsEOF

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-
proxyruntime.convTslices/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker-proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/docker-
proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/docker-proxytime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/docker-proxyruntime.convTslices/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/docker-
proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/dockerd-I-L-N-O-P-R-S-X-c-d-e-f-i-j-m-n-o-p-q-r-s-t-u-v-
w.*...0.1.:._/*.////=/C/S/i00010X0b0n0o0s0x1.13255380:
:/:::=:]; <!<-<<<=<><?<@=#='===?=">
>=>>?=?>??A3A4BEBYCACHCNCSCcCfCoCsDHDSEBGAGBGOGTHSIDINIOKBKXLELPLTLILmLoLtLuM
BMDMFMGMRMXMcMeMnMuNSNdNINoNuOKOUOsPBPXPcPdPePfPiPoPsRPRTSTScSkSmSoTATBTZTeT
oUPV0V1V2V3V5V6V7XiYBYiZBZ"ZlZpZs[?][[^"
")":>"
```

Found in path(s):

```
* found bad pointer in Go heap (incorrect use of unsafe or cgo?)runtime: internal error: misuse of
lockOSThread/unlockOSThreadruntime.SetFinalizer: pointer not at beginning of allocated blockbytes.Buffer:
UnreadByte: previous operation was not a successful readcannot convert slice with length %y to pointer to array
with length %xtoo many concurrent operations on a single file or socket (max 1048575)reflect.Value.Interface:
cannot return value obtained from unexported field or methodreflect: New of type that may not be allocated in heap
(possibly undefined cgo C
type)00010203040506070809101112131415161718192021222324252627282930313233343536373839404142434
445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990
919293949596979899
```

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
```

Found in path(s):

```
* *cmp.PathStep
```

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
```

```
*runtime.wbBuf *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows
*status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-
shim{ }|0|1|=||}
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
*sha256.digest *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *stats.CPUStat
*stats.IOEntry *stats.Metrics *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd-shim-runc-v2
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-
shim-runc-v2$%')+-.013:<=>?@FMPSZ^dfghikmnopqstuvy|
+ @ P [!=%-=%T%d%q%v%x&&&=&^("))()
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc
```

Found in path(s):

\* lazyInitSlow

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockertime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/golang/protobuf/proto.(*Buffer).decodeVarintSlow/opt/
cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/co
la/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2
638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*boolSliceValue).GetSlice/opt/cola/permits
```

/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*durationSliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*float32SliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*float64SliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*int32SliceValue).GetSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*int64SliceValue).GetSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Set/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Type/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).String/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Append/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).Replace/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*intSliceValue).GetSlice/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389\_  
1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).GetIntSlice/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVar/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newIntSliceValue/opt/cola/permits/2638087  
389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVarP/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSlice/opt/cola/permits/263808  
7389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceP/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*ipSliceValue).GetSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*stringArrayValue).GetSlice/opt/cola/perm  
its/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*stringSliceValue).GetSlice/opt/cola/perm  
its/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Set/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Type/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).String/opt/cola/permits/2

638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Append/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).fromString/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).Replace/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*uintSliceValue).toString/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/2638087389  
\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).GetUintSlice/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVar/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newUintSliceValue/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVarP/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSlice/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceP/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceValue/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gorilla/mux.(\*Router).StrictSlash/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.\_Cfunc\_GetSlotInfo/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.\_Cfunc\_GetSlotList/opt/cola/permits/263  
8087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotList/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotList.func1/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotInfo/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotInfo.func3/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotInfo.func2/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotInfo.func1/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).Clear/opt/cola/permit

s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).InitLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/apimachinery/pkg/util/json.convertSliceNumbers/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/docker/swarmkit/api.(\*SelectBy).GetSlot/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).Reset/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).ProtoMessage/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).Descriptor/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).XXX\_Unmarshal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).XXX\_Marshal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).XXX\_Merge/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).XXX\_DiscardUnknown/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).Marshal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).MarshalTo/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).MarshalToSizedBuffer/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).String/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).Unmarshal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.EndpointsList.SwaggerDoc/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).DeepCopyInto/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).DeepCopy/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).DeepCopyObject/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetContinue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetListMeta/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetObjectKind/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetRemainingItemCount/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetResourceVersion/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GetSelfLink/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).GroupVersionKind/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SetContinue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SetGroupVersionKind/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SetRemainingItemCount/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SetResourceVersion/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SetSelfLink/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(\*EndpointsList).SwaggerDoc/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSlice).Reset/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.xxx\_messageInfo\_EndpointSlice/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.xxx\_messageInfo\_EndpointSliceList/  
opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.map\_EndpointSlice/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.map\_EndpointSliceList/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSlice).Size.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSliceList).Size.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSlice).String.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSlice).Unmarshal.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.(\*EndpointSliceList).Unmarshal.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/github.com/spf13/pflag.UintSliceValue,github.com/docker/cli/vendor/github.com/spf13/pflag.Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/k8s.io/api/core/v1.EndpointsList,github.com/docker/cli/vendor/k8s.io/apimachinery/pkg/runtime.Object/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/k8s.io/api/core/v1.EndpointsList,github.com/docker/cli/vendor/github.com/gogo/protobuf/proto.Message/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.EndpointSlices,github.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.EndpointSliceInterface/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.EndpointSlice,github.com/docker/cli/vendor/k8s.io/apimachinery/pkg/runtime.Object/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockergo.itab.\*github.com/docker/cli/vendor/k8s.io/api/discovery/v1alpha1.EndpointSliceList,github.com/docker/cli/vendor/github.com/gogo/protobuf/proto.Message/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockerGetSlotList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerGetSlotInfo/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/docker-initThe

## MIT License (MIT)

Found in path(s):

```
* VolumeOptionsdprotobuf:"bytes,6,opt,name=volume_options,json=volumeOptions,proto3"
json:"volume_options,omitempty" Webhooksijson:"webhooks,omitempty" patchStrategy:"merge"
patchMergeKey:"name" protobuf:"bytes,2,rep,name=Webhooks"
```

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdX*struct { Type string;
Actions [][]uint8; Indexes [][]int "json:\\"indexes,omitempty\\" } }
```

Found in path(s):

```
* *snapshots.snapshotsListServer
```

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
17-tgz/docker/dockerdruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/dockerdpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/
opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/per
mits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/golang/protobuf/proto.(*Buffer).decodeVarintSlo
w/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).Clear/opt/cola/
permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).InitLevel/opt/c
ola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
```

[illegible]



tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Trailer/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.Context/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.RecvMsg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendHeader/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendMsg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetHeader/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetTrailer/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*durationSliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*float32SliceValue).GetSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).Append/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockerdtype..eq.github.com/docker/docker/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

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tgz/docker/dockerdsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/dockerdsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/dockerdsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/dockerdsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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mits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/pkg/errors/StackTrace.formatSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).Clear/opt/cola/  
permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).InitLevel/opt/c  
ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/docker/swarmkit/api.(\*SelectBy).GetSlot/opt/cola/  
permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdencoding/gob.decIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-  
17-tgz/docker/dockerdencoding/gob.decUIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/dockerdencoding/gob.encIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-  
tgz/docker/dockerdencoding/gob.encUIntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-  
17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/gorilla/mux.(\*Router).StrictSlash/opt/cola/permits  
/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListClient).Recv/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListServer).Send/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListClient).CloseSend/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListClient).Context/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListClient).Header/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.(\*  
snapshotsListClient).RecvMsg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

[illegible]

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int32SliceValue).GetSlice/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int64SliceValue).GetSlice/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Set/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Type/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).String/opt/cola/permi  
ts/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Append/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).Replace/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/263808  
7389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).GetIntSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVar/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceVarP/opt/cola/permi  
ts/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).IntSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).IntSliceP/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*ipSliceValue).GetSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*stringArrayValue).GetSlice/opt/cola  
/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*stringSliceValue).GetSlice/opt/cola/  
permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).Set/opt/cola/permits  
/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).Type/opt/cola/permi  
ts/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).String/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).Append/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).Replace/opt/cola/pe  
rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice/opt/cola/pe  
rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/26380  
87389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).GetUintSlice/opt/cola/perm  
its/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVar/opt/cola/perm  
its/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceVarP/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSlice/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*FlagSet).UintSliceP/opt/cola/permits  
/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdtype..eq.github.com/docker/docker/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdtype..eq.github.com/docker/docker/vendor/github.com/spf13/pflag.uintSliceValue/opt/cola/perm  
its/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/moby/buildkit/solver.toResultSlice/opt/cola/permit  
s/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdruntime.convTslice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-  
17-tgz/docker/dockerdruntime.printslice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*durationSliceValue).GetSlice.stkobj/  
opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*float32SliceValue).GetSlice.stkobj/o  
pt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*float64SliceValue).GetSlice.stkobj/o  
pt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int32SliceValue).GetSlice.stkobj/opt  
/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*int64SliceValue).GetSlice.stkobj/opt  
/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*intSliceValue).String.stkobj/opt/cola  
/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).String.stkobj/opt/col  
a/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(\*uintSliceValue).GetSlice.stkobj/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-  
msgpack/codec.uintSliceType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-  
msgpack/codec.intSliceType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-  
msgpack/codec.uintSliceTypeId/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/hashicorp/go-  
msgpack/codec.intSliceTypeId/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerdencoding/gob.decIntSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-

tgz/docker/dockerdencoding/gob.decUintSlice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-

tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/spf13/pflag.intSliceValue.github.com/doc

ker/docker/vendor/github.com/spf13/pflag.Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/spf13/pflag.UintSliceValue,github.com/docker/docker/vendor/github.com/spf13/pflag.Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgo.itab.sort.IntSlice,sort.Interface/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient,github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.Snapshots\_ListClient/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdgo.itab.\*github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer,github.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.Snapshots\_ListServer/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runc getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc  
\*uintptr Absolute ActorKey AdSelect AddChild AddrType Addrtypes ApplyDir Assemble Attached Attr\_clr Attr\_set  
Binomial Bounding Buffered ByNumber BytesPtr CanMknod CapNames Category Commands Compiled Constant  
Contains CopyList CopyPipe CoreDump CountFds CriuPath DNSStart Deadline DefValue Duration ElseList EncodeT  
Encoding ExitCode ExitFunc Exporter Extender FieldMap FileLine FilePath FileSize Filename FindType FlowInfo  
Flowinfo Footnote FullName Function GetExtra GetGitid GetIfOut GetInode GetLevel GetPaths GetState GetStats  
GetUsage GetValue GetVeths GoString GroupIds HashFunc HelpName HideHelp InitArgs InitJSON InitPath Instance  
Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsFenced IsHeader IsPacked IsPinned IsPublic IsStream IsUint64 JSONN  
KillUnit KindFlag LacpRate Learning LinkData LinkType ListData ListJobs Location LogLevel LookupIP LookupMX  
LookupNS MACAddrs MapIndex MapRange MapValue Messages Metadata MinLinks MulRange Multiply NewField  
NewValue NodeType Nsignals NumEnums NumField NumFiles NumFlags NumPorts OCISState Optional PMtuDisc  
ParentID PeerName PortHigh Position Pow22523 PreferGo Protinfo Protocol ProxyArp Question Queue\_id RawFlags  
RawWrite ReadByte ReadFrom ReadLine ReadRune ReaderAt Readlink Required Resolver Rootless RunCount  
RunHooks RxErrors Scope\_id Sections Sequence Services SetALUOp SetBytes SetEDNS0 SetFlags SetFloat SetInt64  
SetLevel ShellJob Shstrndx Shutdown Signaled Simplify SizeType SkipTrue Snapshot Spoofchk StatusFd StopUnit  
SubState Subtract SysUsage TextName Truncate TxErrors TypeName UnitName UnixConn UnixNano UserTime  
Username Validate VisitAll Warningf WithTime WriteInt  
WriteMsg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found

in path(s):

\* UnsolicitedLprotobuf:"varint,2,opt,name=unsolicited,proto3" json:"unsolicited,omitempty"

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc \*sha512.digest

\*sort.IntSlice \*specs.Process \*specs.Solaris \*specs.VMImage

\*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

\*unix.\_Socklen \*user.ExecUser AbsolutePrefix AdActorSysPrio AddMatchSignal AllAdditional AllAuthorities  
AppendFullName ApplyWithError CPU

Found in path(s):

\* \*dbus.Variant

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/containerdTLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHAUnable to write frame to %d: %v  
C\_SHA  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimruntime.convTslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-  
shimruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
17-tgz/docker/containerd-shimruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-tgz/docker/containerd-  
shimruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-  
shimsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimtime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-tgz/docker/containerd-  
shimsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
17-tgz/docker/containerd-shimsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-shimsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-  
20-10-17-tgz/docker/containerd-  
shimsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-  
shimsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-  
shimsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerd-shimsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-shimpath.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/col  
a/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/github.com/pkg/errors/StackTrace.formatSlice/opt/cola/permits/2638  
087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/per  
mits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola  
/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/col  
a/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-  
shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/op



t/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow-dwrap-4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).lazyInitSlow-dwrap-3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 /opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.convTslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2time.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2reflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2path.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(\*Buffer).decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638

087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permit  
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ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
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permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/co  
la/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-  
v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/  
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v2github.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/263808  
7389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrutdot;utimesutrif;uuarr;v% d.% dvBarv;vDash;value:varintvarpi;vdash;veeq;vltri;vnsup;vnsup;void#0  
vprop;vrtri;waitidwcirc;wedge;weightwritevxcirc;xdtri;xAarr;xharr;xlArr;xlarr;xodot;xrArr;xrarr;xutri;yacuteycirc;  
%gs  
UUID: %v=%v, (conn) (scan (scan) (trap MB in Value> action allocs dying= error flags= len=%d locks= m-  
>g0= nmsys= s=nil  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/ctrTLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHATLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA  
[flags] CONTAINER [CONTAINER, ...]adding nil Certificate to CertPoolallow connections using plain  
HTTParchive/tar: header field too longbad pointer in byte slice case in bad scalar length: %d, expected %dbad tag in  
lazy extension decodingbetterFastEncoder: Reset with dictcan't evaluate field %s in type %scan't handle %s for arg  
of type %scan't read type info for id %v: %vcannot write instruction offset: %vcannot load seccomp profile %q:  
%vcannot unmarshal an event from Anycgroups: unable to remove paths %schacha20:  
wrong HChaCha20 key sizeconnection doesn't support  
Ed25519containerd.events.TaskCheckpointedcontainerd.io/defaults/snapshottercontainerd.io/distribution.source.con  
tainerd.task.v2.ConnectResponsecontainerd.task.v2.ShutdownRequestcould not get free loop device: %wcould not  
open loop device: %s: %wcrypto/aes: invalid buffer overlapcrypto/des: invalid buffer overlapcrypto/rc4: invalid  
buffer overlapcrypto/rsa: missing public modulusdoaddtimer: P already set in timerdriver: remove argument from  
queryduration (%v) exceeds +10000 yearsduration (%v) exceeds -10000 yearsenable the default seccomp  
profileerror setting option on socket: %wexecutable file not found in \$PATHexpected an RSA public key, got  
%Texpected comma after array elementexports content from all platformsextraction snapshot removal failedfailed to  
mount from repository %sfailed to read config file: %v: %wfailed to resolve reference %q: %wfailed to set loop  
device info: %vfailed to unmarshal raw result: %wfailed to write image manifest:  
%wflag provided but not defined: -%sf forEachP: sched.safePointWait !=  
0frame\_settings\_window\_size\_too\_bigframe\_windowupdate\_zero\_inc\_streamgogoproto.goproto\_unrecognized\_all  
google.protobuf.FieldOptions\_CTypegoogle.protobuf.Struct.FieldsEntrygrpc: message too large (%d bytes)http2:  
aborting request body writehttp: MultipartReader called twicehttp: connection has been hijackedhttp:  
persistConn.readLoop exitinghttp: read on closed response bodyi/o operation on closed connectionillegal base64

data at input byte in \u hexadecimal character escapeinternal error: block too big (%d)invalid nested repetition  
operatorinvalid or unsupported Perl syntaxinvalid padding bits in BIT STRINGinvalid version %q: too many  
partsio.containerd.cgroups.v1.BlkIOStatio.containerd.cgroups.v1.RdmaEntryio.containerd.cgroups.v2.RdmaEntry  
media-type: schema 1 not supportedmismatching field: got %v, want %vmspan.ensureSwept: m is not lockedno  
manifest found for platform: %wno matching entries in passwd fileonly  
manifests may be exported: %wout of bounds access of target: %wout of memory allocating allArenasproto:  
duplicate enum registered: proto: unexpected type %T in oneofprotobuf tag not enough fields in reflect.FuncOf: too  
many argumentsreflect: ChanDir of non-chan type reflect: Field index out of boundsreflect: Field of non-struct type  
reflect: Method index out of rangereflect: rcv on send-only channelreflect: send on rcv-only channelreflect: string  
index out of rangeremove the container after runningrequested skippable frame (%d) < 8runtime.SetFinalizer:  
cannot pass runtime: g is running but p is notruntime: netpollBreak write failedruntime: unexpected return pc for  
schedule: spinning with local worksemaphore: released more than heldslice bounds out of range [%x:%y:]slice  
bounds out of range [:%x:%y]snappy: decoded block is too largesnappy: unsupported literal lengthspecify the path  
to the stdin fifostorage.read\_count\_normalized %d  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerTLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHATLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_  
SHATar:  
Can't stat file %s to tar: %sThe name or reference was invalid.Top-level object must be a mappingTrust certs signed  
only by this CAUnable to find image '%s' locally  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy  
getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy`hms{ } +  
@ P [(") )()  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerdTSL/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*uint64 \*zk.ACL Acquire Actions AddASN1 AddAuth AddBool AddCert AddData AddDate AddEnvf AddFlag AddID  
AddHost AddJSON AddLink AddMeta AddPeer AddProc AddTask AddTime AddWait AddZone AddrAdd AddrDel  
Address Advance AlgCode Aliases Allowed Ancount Applied Applier Arcount AssocID AtLeast AuthURL Backend  
Backlog Backoff BaseURI Bindcnt Binding BitSize Blksize Blobsum BoolVar BucketN Buckets BufSize BuildID  
BusName CMajFlt CMinFlt CPUTime CSMHost CSMPort CStderr CStdout CacheID CanAddr CapDrop Catalog Cbu  
CellLog Cgroups ChainID ChanDir Changed Changes Channel CheckFn CheckID ChildIP Ciphers ClassId Cleanup  
CloseIO Cluster CmdLine CmpPort Collect Command Comment Compact Compare Complex Conceal Configs Confir  
Conn\_id Connect Console Consume Content Context Control Convert Cookies Counter Country Created Current Cur  
DNSDone DNSName DataDir Datasec DebugFn DebugGC DebugIn Decoder Decrypt Default Dequeue Destroy Deta  
Dev\_idx Devices DialTCP DialTLS Disable Discard Display Divisor DstAddr DstName DstPort Dst\_len DupCorr Dy  
EachRef Eaction Elapsed EmitInt EmitKey Enabled Encoded Encoder Encrypt EndLine EndTime Enqueue Entries Er  
ErrCode ErrorFn ErrorIn Eswitch EventCh Example ExecIDs Execute ExistsW Expires Explain Exports ExtDNS2 Ex  
Fackets FailTTL Failure FatalFn FatalIn Feature Fetcher Filters FindAll FixTask Float32 Float64 Flushed Flusher Fo  
Forward FouList Freeing GIDMaps Gateway GetArgs GetBody GetBool GetByID GetCaps GetCode GetCols GetCon  
GetCopy GetData GetDest GetDone GetDrop GetEnum GetExec GetExit GetFile GetHelp GetHost GetInfo GetInit C  
GetItem GetKey3 GetKeys GetKind GetLast GetLazy GetLine GetList GetLogs GetMean GetMeta GetMode GetNam  
GetNext GetNode GetOCSP GetPath GetPeer GetPort GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSink  
GetSize GetSlot GetSpan GetStat GetSums GetTask GetType GetUint GetUnit GetUser GetWeak GotConn Hairpin  
Handled Handler HasKeys HasLink HasNext HdrSize Headers HeapSys History Holders HomeDir HostKey Hrtimer  
IAMInfo IDPBES2 IPAddr IPMaskP IPSlice IPTable ISOWeek IfIndex Ifindex IifName ImageID Imports In6Addr  
Inblock Include Indexer Indexes Ingress IniData Initial InsnOff Inspect Install Int8Var IntVarP Integer Inverse IpcM  
IsAgent IsAlive IsBytes IsEdns0 IsEmpty IsError IsFloat IsInt64 IsValid Iterate KVStore KeyFile KeySize KeyType  
Keyring KillAll LLBCaps Latency LazyLog LeadCCC LevelAt LikePtr LinkAdd LinkDel Linkage LoadRef LocalIP  
Locator LockKey LogName LogPath LogSync Logging Longest Lookups MACSize MPLSDst Machine Macvlan

MakeMap Mallocs Managed Manager MantExp MapKeys MapOpts MapType Mapping Marshal Matcher Matches  
 MaxAttr MaxBits MaxSize Maximum Measure MemFree Members MergeIn Message Methods Metrics Migrate MinF  
 MinTime Minimum Minutes Mirrors ModSqrt ModTime Msgsize Mutable NameOff NetMode NetNSFD NetNsID  
 Network NewDesc NewLock NewPath NewTask NextHop NextKey NoCache NoPivot NoProxy Noticef Nscount  
 NumResp NumUnit Observe OffMask Offmask OifName OldNode OldTask OnBuild OnError OneShot OpenTxN Op  
 Ordinal OrigErr OrigTtl Oublock Outputs Packets Padding PanicFn Panicln Parents ParseFS PassTTL PauseNs Paylo  
 PeelOff PeersID PidFile PidMode PkgPath Pkttype Plugins Pointer PortLow PortVID PostRun PreRunE PreVote Prep  
 Present Presign Primary PrintFn Println Priomap Proceed Process Product Profile Program Promisc Propose Publish  
 Quantum Queries QueueID QueueId RLocker RUnlock RWMutex RateEst RawBody RawData RawJSON RawPath  
 RawRead Rcv\_mss Rcv\_rtt ReadAll ReadAny ReadBit ReadDir ReadInt ReadMsg ReadNil ReadTCP ReadUDP Read  
 Readdir ReadyCh Receive Records RecvMsg RefName RefType Referer Refresh Regions Release Remotes Removed  
 Replace Request Reserve Resolve Respond Restart Restore Retrans Retryer Reverse RoleARN RootCAs RuleAdd Ru  
 Running Runtime RxBytes SCTList Sampler Sandbox ScaleBy Schemes Seccomp Seconds Secrets Section SendMsg  
 Servers Service Session SetAddr SetArgs SetAxfr SetBits SetBool SetCode SetFlag SetFrac SetFrom SetIxfr SetKeys  
 SetKind SetMeta SetMode SetName SetPrec SetSize SetTags SetTask SetTime SetTree SetTsig SetUint SetVlen Seto  
 Setpgid Setting ShmPath ShmSize Shuffle SigAlgo Signbit Similar Snd\_mss Sockets SoftIRQ Sources SpecRef SrcA  
 SrcName SrcPort Src\_len Started StdTime Stopped Storage Streams StringP StructT SubConn SubPool SubType Sub  
 Subnets Subtype Success Summary Symbols Symlink Syscall TCPInfo TLSInfo TagConn TagKeys Tasklet TimeOut  
 Timeout ToArray ToIPNet ToInput ToInt32 ToInt64 ToNames ToProto ToSlash ToSlice ToState TraceFn TraceID T  
 Trailer TryRecv TrySend TxBytes TxStats TypeLen TypeOff UDPCSum UDPSize UIDMaps URLHost URLPath  
 UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unmount Unwrite UpDelay Upgrade UseL  
 UseTime User\_id VImage Variant Verbose Version VertPre Visited Volsize Volumes VxlanId WarnTTL Warning  
 WasIdle Watcher Weekday Weights Witness WorkDir Workers Wrapped WriteAt WriteTo Written X\_\_pad0 YearDay  
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 getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*v4.rule  
 \*wal.WAL \*zk.Conn \*zk.Lock \*zk.Mode \*zk.Stat Absolute ActorKey AdSelect AddBytes AddChain AddChild AddE  
 AddError AddMount AddUint8 AddValue AddrList AddrType Addrtype Allocate Altitude Annotate AppArmor Apply  
 Attached Attempts Audience AuthInfo AuthType AutoSync Aversion Backdate BaseName Behavior BindAddr BindP  
 Binomial Blobsums BoolVarP Buffered ByteHard ByteSoft BytesHex CPUQuota Ca\_state CacheHit CacheKey Cache  
 CacheOpt CalledAs Campaign CanMknod CancelAt Canceled CapNames CastType Category CertFile CertType  
 Checksum Children ChownOpt ClassAdd ClassDel ClientID Coalesce Commands Comments Complete Compress  
 ConfigID Conflict ConnPool Constant Contains ContentD Continue CopyFile CopyFrom CopyList CopyNext CopyPip  
 CoreDump CountVar Creation CrossOut Cversion DNSNames DNSStart DataLoss DataPath DataSize Datasets Deadli  
 DefValue DefaultB DefaultF Delegate Demangle Describe Detailed DevMajor DevMinor Devmajor Devminor DiffCo  
 DiffSize Digester Download Duration EachPage ElseList EmitBool EnableGC Encircle EncodeTo Encoding Endpoint  
 ErrorLog Evaluate EventNum Examples Exchange Excludes ExecFunc ExecRoot ExecuteC Executor Exemplar ExitC  
 ExitFunc ExitTime ExitedAt Expanded Expected ExportTo Exporter Extended FTPProxy Facility FailFast Failures  
 Familiar Families Features FieldMap FileInfo FileLine FileName FileSize Filename Finalize FindType Finished Float  
 Float64P FlowInfo Flowinfo FlushAll FormFile FormName Fragment FromArgs FromDisk Frontend Function GCPoli  
 GRPCCConn Generate GetAttrs GetBegin GetBuild GetCache GetCount GetCtype GetEntry GetError GetField GetFina  
 GetFirst GetGauge GetGroup GetIPNet GetImage GetInUse GetIndex GetInfos GetInput GetInt16 GetInt32 GetInt64  
 GetLabel GetLayer GetLevel GetLinks GetMajor GetMinor GetMkdir GetMount GetNanos GetNodes GetOwner GetP  
 GetPaths GetQuota GetRange GetRealm GetRoute GetRules GetScale GetShard GetSinks GetSize\_ GetSlice GetStart  
 GetState GetTasks GetToken GetTotal GetTrace GetTypes GetUint8 GetValue GetWatch GetWidth Getxattr GoString  
 GroupAdd GroupIds HTTPPath Handlers HasAlias HasError HasFired HasFlags HashFunc HeapIdle HelpFunc Hijack  
 Hijacker HopLimit Hoplimit HorizPre HostAddr HostName HostOnly HostPort Hostname HttpAuth HttpOnly IDPBK  
 IPAMData IPNetVar IPSliceP IPv4Data IPv6Data IdleTime IfaValid InUserNS Indirect InitFunc InitSpec InsertID Ins  
 Int16Var Int32Var Int64Var Int8VarP IntSlice IntValue Internal Interval IpamInfo IsAlways IsAssign IsBridge IsClien

IsFolded IsHyperV IsLeader IsMember IsNormal IsPacked IsPaused IsPinned IsProto3 IsPseudo IsScalar IsSecure IsS  
 IsStream IsString IsSubset IsUint64 Iterator JSONName JoinAddr JoinRaft KexAlgos KeyBytes KeyLease KeyUsage  
 KillShim KindFlag LLIPAddr LacpRate Language Latitude Learning LengthOf LessThan LinkFrom LinkList LinkNa  
 LinkType Linkname ListKeys ListLogs ListOpts ListPids Listener Locality Location LockOpts LockedAt LogEvent  
 LogLevel LookupIP LookupMX LookupNS LossCorr MACAddrs MSpanSys MagentaB MagentaF Manifest MapIndex  
 MapRange MarkDead Maskable Maskbits MatchErr MaxDelay MaxFiles MemTotal Messages Metadata MinLinks  
 MinValue Minburst MkdirAll MulRange Multiply MustSync MyWindow NameList NameUsed NdotsSet Negation  
 NeighAdd NeighDel NeighSet NetIPNet Networks NewChain NewChild NewGauge NewRoute NewTimer NextLine  
 NextPage NextPart NextType NIMsghdr NoCommit NoLchown NodeAddr NodeGuid NodeMeta NodeName NodeType  
 NotAfter NotFound NotHoist NotifyCb Nsignals NumField NumLabel NumNodes NumPorts Official Offshift OnCom  
 OpenFile Optional OrigErrs OrigName Original OtherLen OtherSys Overhead Overline PEMBlock PMtuDisc PacketC  
 PageInfo PageSize ParentIP ParseAll ParseErr Password Patterns PauseEnd PeakRate Peakrate PeerAddr PeerConn  
 PeerName Platform Policies Populate PortHigh Position PostForm PostRunE Pow22523 PowerSet PreferGo PrintErr  
 Priority Progress Protinfo Protocol Provider Province ProxyArp ProxyEnv PruneTag PushBack PusherID QdiscAdd  
 QdiscDel QueryIDs Question Queue\_id RGB3BitB RGB3BitF RGB8BitB RGB8BitF RawBytes RawFlags RawQuery  
 RawToken RawWrite Rdlength ReMapAll ReadBits ReadBool ReadByte ReadFile ReadForm ReadFrom ReadFull  
 ReadInt8 ReadIntf ReadLine ReadLogs ReadOnly ReadRune ReadTime ReadUint ReaderAt Readlink Readonly Ready  
 RealSize Receiver RecvMsgs RecvTime Redacted RefCount Register Registry Released ReloKind RemoteIP Repeated  
 RepoName RepoTags Requests Requeues Required Requires ReserveN Reserved Resolver Resource Response Result  
 Retrieve Revision Rollback RootCert RootPair Rootless RouteAdd RouteDel RouteGet RtGenmsg RuleList Runnable  
 Runtimes RxErrors SCTPRead SameSite SaveSnap Scope\_id ScrollUp SecretID Sections Security Segments Selector  
 SendFile SendMsgs SentTime Sequence ServeDNS ServeTLS Services SetALUOp SetBurst SetBytes SetEDNS0  
 SetEdns0 SetError SetField SetFlags SetFloat SetGauge SetIndex SetInt64 SetLabel SetLevel SetLimit SetNames SetC  
 SetRcode SetReply SetState SetValue Setxattr Severity ShimInfo Shstrndx Shutdown SignCert Signaled Simplify Size  
 Snapshot Snd\_cwnd SockAddr SpanKind SpecText Spoofchk StackSys StartNow StatFile StatPath StateDir Statuses  
 StopShim StreamCh StreamID SubChans Subjects SubnetIP Subtract Supports SwapFree SysUsage TagImage TarUnta  
 Terminal TimeHard TimeSoft ToString ToUint32 ToUint64 TokenURL TrailCCC Transfer Traverse Truncate TrustKe  
 TxErrors TypeFlag Typeflag Uint8Var UintVarP UniqueId UnixConn UnixNano Unparsed UseStdin Username UserT  
 Username ValidLft Validate Validity Verified Verifier Vertexes VisitAll WaitTime WalkPath Warningf Warnings  
 Wildcard WireType WithArgs WithName WithTime Writable WriteExt WriteInt WriteMsg WriteNil WriteRaw Write  
 XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
 getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd \*v4.rules  
 \*view.Row \*xml.Attr \*xml.Name \*zk.Event \*zk.State A dns:"a" AResource AcceptTCP AddCookie AddDigest  
 AddDriver AddGoFlag AddMember AddNested AddObject AddResult AddRtAttr AddSample AddSignal AddString  
 AddUint16 AddUint24 AddUint32 Addralign Addresses Aggregate Algorithm AllocSize Allocated Allocator AllowHT  
 Annotatef Anonymous ApplyDiff ApplyOpts AsSymbols AtomicPut Audiences AuthStyle Authority Authorize  
 AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BindAddrs BitLength BitString BlinkSlow BlockSi  
 BodyStart BoolSlice BoolValue BoundAddr Broadcast BuildArgs BuildOnly BuildOpts BumpMajor BumpMinor  
 BumpPatch BusObject ByteOrder BytesHexP BytesSent CPUPeriod CPUShares CRTValues CacheFrom CacheKeys  
 CallSlice CanCgroup CanRemove CancelAll Cancelled CellAlign Character ChildrenW ChownOpts ClassList ClassTy  
 ClearData ClearFlag ClientCAs ClientTLS CloseConn CloseRead CloseSend Coalesced Collector Completed Configur  
 Conflicts ConnState Container Continued CountVarP CreateCRL CreatedAt CurryWith CurveName DBusError  
 DNSConfig DNSSuffix DataScope DebugData DecodeMsg DecoderOf Decrement DelayCorr DelayFrom DeleteAll  
 DeleteCAS DeleteLog DeviceIDs DeviceIdx DialCreds DidResume Discovery DiskUsage DotReader DownDelay  
 DportMask DriverCfg DstDriver DstMaster DstPrefix DualStack Duplicate DurationP DynString EachValue Eavesdrop  
 EmitInt32 EmitInt64 EnableICC EncapMode EncapType EncodeMsg EncoderOf EncryAlgo EndStream Endpoints  
 EraseLine ErrorCode EventChan EventFile EventLogs EventType Exception Exclusion Exclusive ExpiresAt Extension  
 ExtraData Extracted FastLeave FileLocks FillBytes FilterAdd FilterDel FindIndex FirstData FlagsUsed FlowBased

Forbidden ForceJoin FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromImage FromNames  
FromSlash Frontends Ftruncate FullBytes FuncProto GTPDPAdd GTPDPDel GetAction GetBounds GetBucket  
GetByBlob GetByName GetByType GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDiffID  
GetDigest GetDriver GetDryRun GetFields GetFilter GetFormat GetFrames GetGlobal GetHashes GetInitID GetInputs  
GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMember GetMethod GetMetric GetMixins GetMk  
GetMounts GetNodeID GetNumber GetObject GetOffset GetOldest GetOneofs GetPacked GetParent GetPlural  
GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetScopes GetSecret GetSerial GetServ  
GetShared GetSigned GetSocket GetSource GetSpanId GetSpread GetStatus GetStream GetString GetSyntax GetTarge  
GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupName  
GuestNice HTTPProxy HandleRPC Handshake HardState HasCaller HasParent HeapAlloc HeapInuse Heartbeat  
HeightMin HelloTime Histogram HitLength HostsPath IDMapping IDToIndex IPAddress IPMaskVar IPNetVarP  
IfAddrmsg IfInfomsg ImageName ImagePath InContext InOrStdin Inception Increment IndexType InitCheck InitLevel  
Int16VarP Int32VarP Int64VarP IntSliceP Interface Intersect IpcMounts IsBuiltIn IsComplex IsDefault IsEnabled  
IsExpired IsKeyword IsLearner IsLiteral IsManager IsMessage IsMounted IsOnCurve IsPacked3 IsPrivate IsProcess  
IsRegular IsRunning IsSampled IsServing IsSuccess IsTimeout Isolation JoinGroup JoinToken KeepAlive KeepBytes  
KeyPrefix KeyReader KeyUsages KeyWriter LGetxattr LSetxattr LabelKeys LastClock LastError LastIndex LatencyM  
LazyPages LeafAlloc LeafInuse LeafPageN LeaseLife LightRedB LightRedF LinkAttrs LinkIndex LinkSetUp LinkStat  
Linklayer ListFlags ListNodes ListTasks ListenTCP LoadCache LoadImage LocalAddr LocalNode Locator64 LockDel  
LockIndex LogConfig LogFields LogFormat LogOutput Longitude LookupSRV LookupTXT MCacheSys MFASerial  
MSAddress MakeSlice Manifests MarshalDB MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType  
MessageID MiiStatus MinTxRate MmapFlags Modifiers MountOpts MountType Mountable MoveAfter MultiPath  
Multiaddr Multicast MyAliases Namespace NeighList NetIPMask NetworkID NewSpanID NewStream NewTicker  
NoService NodeCount NodeDeref NonceSize Normalize NotBefore NotifyMsg NumMethod NumQueued NumSubexp  
OOMKilled OSVersion OldConfig OldSecret OnEvicted OpenStdin OperState Operation OrigError OutputStream Overwr  
PackEface PadLength PageAlloc PageCount Paginator ParentKey ParseForm ParseGlob ParseName Partition PathCach  
Pdeathsig PeerEqual Phentsize PidsLimit Platforms Precision PrefixLen Prefixlen PrevExist PrevIndex PrevValue  
PrintErrf ProcessID Processes ProjectID PromiseID ProtoSize Providers ProxyDial ProxyFunc PublicKey Publisher  
PullImage PushFront PushImage PutObject PutUint16 PutUint32 PutUint64 QdiscList QdiscType Qualifier QuickSpan  
RRsetUsed RaftState RatString RawIssuer RawQuotes Rcv\_space ReadArray ReadBatch ReadBytes ReadFrame  
ReadIndex ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 ReadValue ReadWrite  
Rebalance Reconnect Recursive Reference Registers Remaining RemoteAPI RemoteCAs RemoveAll RemoveKey  
RenewLock RequestID Reserved1 ResetBody ResizePty ResolveIP ResolveOp Resources Resumable Retryable  
ReusePort RootBlock RootToken RoundTrip RouteList RouteType RunConfig RxDropped RxPackets SCTPWrite  
Sa\_family SandboxID Sandboxes ScanState SecretKey SecretOpt SeenFiles Selectors SendToTCP SendToUDP Sensiti  
Separator Serialize ServeBlob ServeConn ServeHTTP ServiceID SessionID SetBuffer SetConfig SetDiffID SetEvents  
SetExited SetFormat SetFrac64 SetFramer SetHeader SetIndent SetInitID SetIssuer SetJumpOp SetLabels SetLinger  
SetNoLock SetNotify SetOutput SetParent SetPolicy SetPrefix SetSource SetStatus SetString SetTaskId SetUint64  
SetUpdate SetUpload SetUserId SetupFunc SharedKey Shentsize Shorthand Signature SingleRef SkipClean SkipSpace  
SlaveType SliceType SlotTuple SnapshotD Snapshots SoftState SortByPos SortFlags SourceMap SourceOpt SourceSA  
Specified SpillTime SplitKeys SportMask SqrtRatio SrcDriver StartCond StartLine StartSpan StartTime StartedAt  
Starttime StdinOnce StdinPipe StopQuery StreamDep StringLen StringOff StringVar Subrouter Subscribe Subsystem  
Successes SwapLimit SwapNamed SwapTotal TLSConfig TLSUnique TLSVerify TagAndAdd TagFilter TagImages  
TarStream TarWriter TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToCDNSKEY  
ToFloat32 ToFloat64 ToRFC3597 ToSubject TokenCode TokenText TokenType Transform Transport TrapCause  
Truncated TxDropped TxPackets TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice UlimitOpt Underli  
UnixMicro UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UntarPath UpdateKEK  
UpdateTTL UpdatedAt UsageFunc UseNumber UseStderr UseStdout UserAgent UserEvent ValidArgs ValueElem  
ValueSize ValueType Versioned VisitExpr VivaldiCC VivaldiCE VolumesRW WaitGroup WaitIndex WaitWrite

WalkIPAMs WalkLinks WalkTable WantReply WarningFn WarningIn WatchTree Watchable WillRetry WithError  
WithExtra WithField WithLease WithState WithValue WorkerRef WrapError WriteBool WriteByte WriteData WriteFi  
WriteFlag WriteInt8 WriteIntf WriteMore WriteOnce WritePing WritePong WriteRune WriteTime WriteToIP WriteTru  
WriteUint XXX\_Merge X\_\_unused/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerd

Found

in path(s):

\*

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func()
*v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker *transport.userAgentRoundTripper *trustmanager.ErrPasswordInvalid
*v1.CephFSPersistentVolumeSource *v1.CinderPersistentVolumeSource *v1.MutatingWebhookConfiguration
*v1.SubjectAccessReviewInterface *v1alpha1.ClusterRoleBindingList *v1alpha1.EndpointSliceInterface
*v1alpha1.PriorityClassInterface *v1alpha1.SettingsV1alpha1Client *v1alpha1.VolumeAttachmentSource
*v1alpha1.VolumeAttachmentStatus *v1alpha3.ServiceConfigObjConfig *v1beta1.DaemonSetUpdateStrategy
*v1beta1.DeploymentConditionType
*v1beta1.ExtensionsV1beta1Client *v1beta1.NetworkPolicyEgressRule *v1beta1.NetworkingV1beta1Client
*v1beta1.PodDisruptionBudgetList *v1beta1.PodDisruptionBudgetSpec *v1beta1.PodManagementPolicyType
*v1beta1.ReplicaSetConditionType *v1beta1.RollingUpdateDeployment *v1beta1.SchedulingV1beta1Client
*v1beta1.SelfSubjectAccessReview *v1beta1.StorageV1beta1Interface
*v1beta1.SubjectAccessReviewSpec/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker" *func(*v1alpha1.EndpointSliceList)/opt/cola/permits/2638087389_1758660464.1729765/0/dock
er-20-10-17-tgz/docker/docker##func()
*v1alpha1.EndpointSliceList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker- *func(string)
v1alpha1.EndpointSliceInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker0 *func(v1.ListOptions) (*v1.EndpointsList,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker: *func(v1.ListOptions)
(*v1alpha1.EndpointSliceList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker= *func(string, v1.GetOptions) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker? *func(*v1alpha1.EndpointSlice) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerS *func(string,
types.PatchType, []uint8, ...string) (*v1alpha1.EndpointSlice,
error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerX *struct { Version
int; P *big.Int; Q *big.Int; G *big.Int; Pub *big.Int; Priv *big.Int }
```

Found in path(s):

\* \*func(\*v1alpha1.EndpointSlice)

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*uint64 \*v1.Job \*v1.Pod  
 APIPath AbsPath Actions AddASN1 AddCert AddDate AddEnvf AddFlag AddFunc AddHook AddHost AddKeys  
 AddMeta AddZone Address Aliases AsInt64 AsScale AuthURL BackOff Backoff BaseURL BatchV1 Binding BitSize  
 Blksize BlockIO BoolVar Buckets BuildID ByIndex CMajFlt CMinFlt CPUPerc CPUTime C\_Login CanAddr CapDr  
 ChanDir Changed Changes Cluster Collect Command Comment Compare Compile Complex Conceal Configs Connec  
 Consume Content Context Control Convert Cookies Counter Country Created Current CurveID DNSDone DNSName  
 DebugFn DebugGC DebugIn Decoder Decrypt Default Derived DestTag Destroy Details Devices DialTLS Disable D  
 Display Elapsed EmitInt Enabled Encoded Encoder Encrypt EndTime ErrCode ErrorFn ErrorIn Example ExecIDs Ex  
 Expired Expires Extract Fackets FatalFn FatalIn Feature Filters FindAll Float32 Float64 Flusher Fprintf GIDMaps G  
 GetArgs GetBody GetBool GetByID GetCaps GetCert GetCode GetCols GetConn GetCopy GetData GetDest GetDom  
 GetEnum GetExec GetExit GetFile GetFlow GetHead GetHelp GetHost GetInfo GetInit GetInt8 GetItem GetKey3 G  
 GetLazy GetLine GetList GetLogs GetMeta GetMode GetName GetNode GetPath GetPeer GetPost GetRefs GetRole  
 GetRoot GetRows GetSalt GetSlot GetSpan GetStat GetTags GetTask GetType GetUint GetUser GetWeak GetXRef  
 GetYaml GotConn Handler HasNext HashAlg Headers HeapSys HomeDir HostKey Hrtimer IDPBES2 IPMaskP IPSli  
 ISOWeek Ifindex ImageID Inblock Ingress InitPIN Inspect Int8Var IntVarP Inverse IpcMode IsBytes IsEmpty IsErro  
 IsFloat IsInt64 IsTable IsTyped IsValid Iterate KdfName KdfOpts KeyData KeyFile Keytype Latency LazyLog Lead  
 LikePtr LogName LogOpts LogPath Longest Lookups MakeMap Mallocs Manager MantExp MapKeys Marshal Matc  
 MaxBits MemPerc Message Methods Metrics Migrate MinPrec MinTime Minutes Mirrors Missing ModSqrt ModTim  
 NamePos Network NewDesc NoCache NoProxy NoTrunc NonUTF8 NumKeys Objects Observe OldNode OldTask  
 OnBuild OnError OpenRaw Options OrigErr Oublock Outputs PanicFn PanicIn ParseFS PauseNs Payload Pending Pe  
 PidMode PkgPath Pktype Plugins Pointer PostRun PreRunE PrintFn PrintIn Private Process Publish Queries RLocke  
 RLocker RUNlock RWMutex RawPath RawRead Rcv\_mss Rcv\_rtt ReadAny ReadBit ReadDir ReadInt ReadMsg Rea  
 ReadOne ReadVal Readdir RecvMsg RefName RefType Referer Release Replace Request Reserve Resolve Restore R  
 RootCas RoundUp Running ScaleBy Schemes Seconds Secrets SendMsg Service Session SetArgs SetBits SetBool S  
 SetFrac SetKind SetMeta SetMode SetName SetPrec SetTree SetType SetUint Setctty Setpgid Setting ShmSize Shuff  
 Signbit Signers Snd\_mss Sockets SoftIRQ Sprintf Started StdTime Stopped Storage Streams StringP SubConn Subjec  
 Success Syscall TCPInfo TLSData TLSInfo TLSPath TagConn TagName Targets Tasklet Timeout ToArray ToInput  
 ToInt32 ToInt64 ToNames ToProto TraceFn Traceln Trailer TryLock TryRecv TrySend UIDMaps URLHost URLPat  
 UTCTime UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unwrite UseLine Verbose Versio  
 Volumes Warning WasIdle Weekday Witness WrapKey Wrapped WriteAt WriteTo Written X\_\_pad0 YearDay Yellow  
 YellowF/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*v1.pods  
 Absolute AddBytes AddError AddFloat AddFuncs AddMount AddPaths AddUint8 AddValue Allocate AsObject Audi  
 AuthInfo AuthType BaseRole Binomial BoolVarP Boundary Buffered BytesHex CPUQuota CSINodes C\_Digest  
 C\_Logout C\_SetPIN C\_Verify Ca\_state CalledAs CancelAt CapNames CastType CertData CertFile CertType CheckT  
 Checksum ChownOpt ClientID CloseAll CmpInt64 Commands Comments Complete Compress ConfigID Conflict  
 ConnPool Contains Contents Continue CopyFrom CopyList CopyPipe CoreDump CountVar Creation CronJobs Cross  
 DNSNames DNSStart DataLoss DataSize Deadline DeepCopy DefValue DefaultB DefaultF Describe DevMajor  
 DevMinor Devmajor Devminor DiffCopy Digester Disabled Document Duration ElseList EmitBool EnableGC Encirc  
 Endpoint ErrorLog EventNum Examples Exchange Excludes ExecuteC ExitCode ExitFunc Expanded Expected FTPPr  
 FailFast Failures Familiar Families FieldMap FileInfo FileLine FileName FilePath Filename Finalize Float32P Float6  
 Flowinfo FormFile FormName Fprintln Fragment Function GetAllOf GetAttrs GetBegin GetBuild GetByKey GetCach  
 GetCount GetCtype GetEmail GetEntry GetError GetField GetFinal GetGauge GetGroup GetIPNet GetInUse GetIndex  
 GetInfos GetInput GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLinks GetMajor GetMinor GetMkdir  
 GetMount GetNanos GetOneof GetOwner GetPatch GetPaths GetRange GetRealm GetRoute GetScale GetSize\_ GetSi  
 GetSlice GetStart GetState GetStore GetTitle GetToken GetTotal GetUint8 GetValue GoString GroupAdd GroupIds  
 HasAlias HasFired HasFlags HasSwarm HashFunc HeapIdle HelpFunc Hijacker HostOnly HostPort Hostname HttpOn  
 IDPBKDF2 IPNetVar IPSliceP IdleTime ImageTag InUserNS Indirect Inherits InitRoot Insecure Int16Var Int32Var  
 Int64Var Int8VarP IntSlice IntValue Internal IsAlways IsAssign IsBridge IsClient IsClosed IsFormat IsHyperV IsLoa



IsNormal IsPacked IsProto3 IsPseudo IsScalar IsSecure IsStream IsString IsUint64 JSONName KeyBytes KeyUsage  
 LengthOf LinkName Linkname ListFunc ListKeys ListMeta ListOpts Listener LoadJSON Locality Location LogEvent  
 LogLevel LookupIP LookupMX LookupNS MSpanSys MagentaB MagentaF Manifest MapIndex MapRange MarkDea  
 MatchErr MaxDepth MemTotal MemUsage Metadata Modified MulRange Multiply Negative Networks NewGauge  
 NewRoute NewTimer NextLine NextPart NoLchown NodeAddr NodeList NodeType NotAfter NotFound NotifyCb  
 Nsignals NumField NumberGT NumberLT Official OnDelete OnStatus OnUpdate Operator Optional OrigName Other  
 Overhead Overline ParseAll ParseErr Password Patterns PauseEnd PeerAddr Platform Position Possible PostForm  
 PostRunE Pow22523 PreferGo PrintErr Priority Protocol Province ProxyEnv ProxyGet PushBack PusherID Question  
 QuoExact QuoRound RGB3BitB RGB3BitF RGB8BitB RGB8BitF RandBool RawQuery RawWrite ReadBits ReadBo  
 ReadByte ReadFile ReadForm ReadFrom ReadInt8 ReadLine ReadRune ReadUint ReadySCs RealSize RecvTime  
 Redacted Register Registry Repeated Replicas RepoInfo RepoName RepoTags Requests Required ReserveN Reserved  
 Resolver Resource Response Restrict RoleName Rollback RootPair RootRole Runnable Runtimes SameSite Scope\_id  
 ScrollUp SecretID Security SentTime ServeTLS ServerOK Services SetBurst SetBytes SetEDNS0 SetError SetFlags  
 SetFloat SetIndex SetInt64 SetLevel SetLimit SetMilli SetMulti SetScale SetValue Severity Shutdown SignCert SignI  
 SignRoot Signaled Simplify Snapshot Snd\_cwnd SortKeys SpewKeys Sprintln StackAPI StackSys Statuses StreamID  
 SubChans Subjects Subtract Supports SysUsage TaskList TaskLogs Template Throttle ToSigned ToString ToUint32  
 ToUint64 TokenURL TrailCCC Traverse Truncate TryRLock TypeFlag TypeMeta Typeflag Uint8Var UintVarP  
 UnixNano Unparsed Unscaled Username UserTime Username Validate Validity Verified Verifier Vertexes VisitAll  
 Warningf Warnings WireType WithArgs WithKind WithTime WriteInt WriteMsg WriteNil WriteOne WriteRaw Write  
 XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*v1.roles  
 \*zip.File AResource AcceptTCP AddCookie AddGoFlag AddObject AddSchema AddTarget AddUint16 AddUint24  
 AddUint32 Addresses Algorithm AllowHTTP Anonymous AuthStyle Authority Available BasicAuth BeginTime  
 BitLength BitString BlinkSlow BlockRead BlockSize BoolSlice BoundAddr Broadcast BuildArgs BuildOnly BytesHex  
 BytesSent CPUPeriod CPUShares CRTValues C\_Decrypt C\_Encrypt C\_GetInfo C\_InitPIN C\_WrapKey CacheFrom  
 CacheType CallSlice Cancelled CertBytes ChownOpts ClientCAs CloseConn CloseRead CloseSend Coalesced Comple  
 ConfigDir ConnState Container Continued Converter CountVarP CreateCRL CreatedAt CreatedBy CurryWith DebugD  
 DecoderOf DeepEqual DelayFrom DeriveKey DeviceIDs DialCreds DidResume DigestKey Discovery DiskUsage  
 DotReader DualStack DurationP EmitInt32 EmitInt64 EncoderOf EncryAlgo EndStream Endpoints EqualTime EraseL  
 ErrStatus ErrorCode EventLogs Evictions Exclusion Exclusive Extension FieldsMap FillBytes FindIndex Forbidden  
 FormValue Formatter FoundKeys FromBytes FromNames Ftruncate FullBytes GetAction GetBucket GetByName  
 GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDigest GetFields GetFilter GetFormat GetFrames  
 GetGlobal GetInputs GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMethod GetMetric GetMixing  
 GetMkfile GetMounts GetNodeID GetNumber GetObject GetOffset GetOneofs GetPacked GetParent GetPrefix  
 GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetSchema GetScopes GetSecret  
 GetServer GetShared GetSigned GetSocket GetSource GetSpread GetStatus GetStream GetString GetSuffix GetSyntax  
 GetTarget GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode  
 GroupKind GroupName GuestNice HTTPProxy HandlerRPC Handshake HasCaller HasParent HasSynced HeapAlloc  
 HeapInuse Histogram HostsPath IPAddress IPMaskVar IPNetVarP ImageList ImageLoad ImagePull ImagePush  
 ImageSave InOrStdin Increment IndexKeys Ingresses InitLevel InitToken InlineMap Int16VarP Int32VarP Int64VarP  
 IntSliceP Intensity Interface Interpret IsComplex IsDefault IsInvalid IsKeyword IsLiteral IsMessage IsOnCurve IsPack  
 IsPrivate IsProcess IsRegular IsTimeout Isolation JoinToken KeepAlive KeyUsages LastError LatencyMu LightRedB  
 LightRedF ListFiles ListRoles LocalAddr LogConfig LogFields LookupEnv LookupSRV LookupTXT MCacheSys  
 MakeSlice Manifests MarshalTo MatchRune MaxErrAge MaxPinLen MaxTokens Mechanism MediaType MinPinLen  
 Modifiers MountBlob MoveAfter Multiaddr MustBeOfA Namespace NetworkID NetworkRx NetworkTx NewStream  
 NewTicker NilChance NoResolve NonceSize NotBefore NumMethod NumSubexp NumberGTE NumberLTE  
 NumberNot OOMKilled OSVersion OldConfig OldSecret OmitEmpty OpenStdin Overwrite PackEface PadLength  
 Parameter ParseForm ParseGlob ParseName Pdeathsig PidsLimit Platforms PluginSet Precision PrefixLen PrintErrf

ProjectID PromiseID ProtoSize ProtoTime ProxyDial ProxyFunc PublicKey PushFront PutUint16 PutUint32 PutUint64  
QuickSpan RatString RawConfig RawIssuer Rcv\_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32  
ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Reference RemoteRef RemoveAll RemoveKey Resources  
RotateKey RoundTrip SandboxID ScanState SeenFiles Sensitive ServeBlob ServeConn ServeHTTP ServerURL  
SessionID SetBuffer SetFormat SetFrac64 SetHeader SetIndent SetLabels SetLinger SetLogger SetNoLock SetOutput  
SetPrefix SetScaled SetString SetUint64 SharedKey Shorthand SignFinal Signature SignedTag SkipClean SkipSpace  
SortFlags SourceMap Specified SqrtRatio StarCount StartCond StartLine StartSpan StartTime StartedAt Starttime  
StdinOnce StdinPipe StorageV1 StreamDep StringGTE StringLTE StringVar Subrouter Successes SwapLimit SwarmIn  
SwarmJoin TLSConfig TLSStatus TLSUnique TLSVerify TarStream TarWriter Templates Temporary Threshold  
Timestamp ToFloat32 ToFloat64 ToNewRole ToRawInfo ToService TokenText TokenType Transform Transport  
TrapCause Truncated TryAccept TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice Underline UnixMi  
UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageFunc  
UseNumber UserAgent ValidArgs ValueElem ValueType Versioned WaitWrite WarningFn WarningIn WatchFunc  
WithError WithExtra WithField WithState WithValue WrapError WriteBool WriteByte WriteData WriteInt8 WriteMor  
WriteOnce WritePing WriteRune WriteToIP WriteTrue WriteUint XXX\_Merge  
X\_\_unused/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found

in path(s):

\* When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed  
If the Labels of a ReplicaSet are empty, they are defaulted to be the same as the Pod(s) that the ReplicaSet manages. Standard object's metadata. More info: <https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#metadata>  
ExternalMetricSource indicates how to scale on a metric not associated with any Kubernetes object (for example length of queue in cloud messaging service, or QPS from loadbalancer running outside of cluster). Exactly one "target" type should be set.  
APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just

like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.  
Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info:

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-template>  
If specified, the port on the given protocol. This can either be a numerical or named port on a pod. If this field is not provided, this matches all port names and numbers. If present, only traffic on the specified protocol AND port will be matched.  
externalName is the external reference that kubedns or equivalent will return as a CNAME record for this service. No proxying will be involved. Must be a valid RFC-1123 hostname (<https://tools.ietf.org/html/rfc1123>) and requires Type to be ExternalName.  
Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified.

Defaults to 1. More info: <https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontroller>  
allowedCapabilities is a list of capabilities that can be requested to add to the container.

Capabilities in this field may be added at the pod author's discretion. You must not list a capability in both allowedCapabilities and requiredDropCapabilities.  
Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified. Defaults to 1. More info:

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller/#what-is-a-replicationcontroller>

revisionHistoryLimit is the maximum number of revisions that will be maintained in the StatefulSet's revision history. The revision history consists of all revisions not represented by a currently applied StatefulSetSpec version. The default value is 10.  
The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be

set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container. PreemptionPolicy is the Policy for preempting pods with lower priority. One of Never, PreemptLowerPriority. Defaults to PreemptLowerPriority if unset. This field is alpha-level and is only honored by servers that enable the NonPreemptingPriority feature. Must be empty before the object is deleted from the registry. Each entry is an identifier for the responsible component that will remove the entry from the list. If the deletionTimestamp of the object is non-nil, entries in this list can only be removed. allowedRuntimeClassNames is a whitelist of RuntimeClass names that may be specified on a pod. A value of "\*" means that any RuntimeClass name is allowed, and must be the only item in the list. An empty list requires the RuntimeClassName field to be unset. MutatingWebhookConfiguration describes the configuration of and admission webhook

that accept or reject and may change the object. Deprecated in v1.16, planned for removal in v1.19. Use admissionregistration.k8s.io/v1 MutatingWebhookConfiguration instead. singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface. matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed. The name of the cluster which the object belongs to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request. Active reports the checkpointed config the node is actively using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error. No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr \*uintptr \*url.URL

Absolute AddBytes AddUint8 AddValue AuthInfo AuthType Binomial Buffered ByNumber BytesPtr Ca\_state CacheE CapNames CastType Category Commands Compiled Compress ConnPool Constant Contains CopyFrom CopyList CopyPipe CoreDump CountFds DNSNames DNSSStart Deadline DefValue DevMajor DevMinor Devmajor Devminor Digester DoneFunc Duration ElseList EncodeTo Encoding Endpoint EventNum ExitCode ExitFunc ExitIdle ExitTime Expanded Expected Exporter Extender FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath File Filename FindType Flowinfo Footnote FormFile FormName Fragment FullName Function GetArray GetBegin GetCty GetEntry GetField GetImage GetLabel GetLevel GetLinks GetLinux GetNanos GetOwner GetPaths GetStart GetState GetUsage GetValue GoString GroupIds HasFired HashFunc HelpName HideHelp Hostname HttpOnly IdleTime InitJS Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsClient IsFenced IsHeader IsNormal IsPacked IsPinned IsProto IsPseudo IsPublic IsScalar IsStream IsString IsUint64 JSONName KeyUsage KindFlag LDConfig LinkData LinkName Linkname ListData ListPids Listener Locality Location LookupIP LookupMX LookupNS MapIndex MapRange MapV MarkDead MaxDelay Messages Metadata MulRange Multiply Networks NewChild NewField NewValue NextPart NodeType NotAfter Nsignals NumEnums NumField NumFiles NumFlags Optional OrigName OutTable Overhead Password PeerAddr Platform Position PostForm Pow22523 PreferGo Priority Protocol Province PushBack Question RawQuery RawWrite ReadByte ReadForm ReadFrom ReadLine ReadRune ReaderAt ReadySCs RealSize RecvTime Redacted Register Repeated RepoTags Required Requires Resolver Response Revision RunCount SPIFFEID SameSite Scope\_id Sections Security SentTime Sequence Services SetALUOp SetBytes SetEDNS0 SetError SetFlags SetFloat SetInt64 SetLabel SetLevel SetValue Severity Shstrndx Shutdown Signaled Simplify SizeType Snapshot Snd\_cwnd StreamID SubChans Subjects Subtract SysUsage TableLog Terminal TextName TrailCCC Truncate TypeFlag TypeName Typeflag UnixConn UnixNano Unparsed UseBlock UseProxy UserName UserTime Username Validate Verified Verif VisitAll Warningf WireType WithArgs WithTime WriteInt WriteMsg

XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.convTslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.digitsLen/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcpath.lastSlash/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/  
opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValu  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice  
Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
eValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow.dwrap·4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow.dwrap·3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(\*unifiedManager).getSliceFull/opt/c  
ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*IntSlice).Value/opt/cola/permits/26  
38087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).IntSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.lookupIntSlice/opt/cola/permits/2638

087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).GlobalIntSlice/opt/cola/pe  
rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runc type..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.convTsSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleep\_internal/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleep/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.notetsleepg/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.printslice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.runqputslow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsync.(\*Pool).getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.IntSlice.Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Len/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Less/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Search/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Sort/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcsort.(\*IntSlice).Swap/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/  
cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/  
opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValu  
e/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice  
Value/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlic  
eValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow.dwrap.4/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow.dwrap.3/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(\*unifiedManager).getSliceFull/opt/c  
ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).IntSlice/opt/cola/permits/2  
638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(\*Context).GlobalIntSlice/opt/cola/pe

rmits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runc type..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/  
2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.convTs slice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcruntime.prints slice.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(\*unifiedManager).getSliceFull.stkobj  
j/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.coderFloatSlice/op  
t/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.coderFloatSliceVa  
lue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(\*ExtensionInfo).I  
azyInitSlow.stkobj/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgo.itab.\*github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSlice,flag.Value/opt/cola/p  
ermits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/runcgo.itab.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag,github.com/openc  
ontainers/runc/vendor/github.com/urfave/cli.Flag/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
10-17-tgz/docker/runcgo.itab.sort.IntSlice,sort.Interface

#### Found

in path(s):

```
* (?i)^(?:<[A-Za-z][A-Za-z0-9-]*(?:\s+[a-zA-Z_-]:[a-zA-Z0-9-_-]*(?:\s*=\s*(?:'<=>\x00-
\x20)+|'["]*'["]*')))?\s*/>|<[A-Za-z][A-Za-z0-9-]*\s*[>]|<!-->|<!--(?:-?[>-])?(?:-?[>-])*--
>|<[!]?.*?[?][>]|<![A-Z]+\s+[>]*>|<![CDATA[([\s\S])*?]]>)
```

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* WriteUint8

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
readPacketsLeft/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
writePacketsLeft/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/dockerd \*pflag.intSliceValue \*pkcs7.EncryptedData \*plugin.EventDisable  
\*plugin.Registration/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*pflag.uintSliceValue/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd  
\*[\*timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* msg:"time" TimestampFormat TruncationToken TxAbortedErrors TxCarrierErrors UnknownResource  
UnmarshalBinary UnmarshalJSONPB UnmarshalStream UnmountIpcMount UnregisterBuild UnsafeMakeSlice  
UnsignedPayload UpdateAddresses UpdateContainer UpdateResources UpdateTLSConfig UserOnCloseWait  
ValidPrincipals VerifySignature VersionTemplate VisitInt64Value VivaldiErrorMax Volume json:"- " Wait100Continue

WalkIDsByResult WithConstLabels WithCredentials WithImageConfig WithLabelValues WriteArrayStart  
WriteBufferSize WriteComplex128 WriteDataPadded WriteEmptyArray WriteHostConfig WriteLogEntries  
WriteMapStrIntf X509Certificate XXX\_MessageName XfrmPolicyFlush XfrmStateUpdate  
No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker*struct { F uintptr; done
chan struct {} ; ctx context.Context; pr *progress.progressReader }
AggregationRuleLjson:"aggregationRule,omitempty" protobuf:"bytes,3,opt,name=aggregationRule"
ConfigMapKeyRefLjson:"configMapKeyRef,omitempty" protobuf:"bytes,3,opt,name=configMapKeyRef"
CurrentRevisionLjson:"currentRevision,omitempty" protobuf:"bytes,6,opt,name=currentRevision"
DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints"
```

Found in path(s):

```
* SourceIndexLprotobuf:"varint,1,opt,name=sourceIndex,proto3" json:"sourceIndex,omitempty"
No license file was found, but licenses were detected in source scan.
```

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerr*struct { F uintptr;
requestOver chan struct {} ; ht *transport.serverHandlerTransport; cancel context.CancelFunc }
```

Found in path(s):

```
* VXLANUDPPortOprotobuf:"varint,13,opt,name=VXLANUDPPort,proto3" json:"VXLANUDPPort,omitempty"
VolumeNamespaceLjson:"volumeNamespace,omitempty" protobuf:"bytes,2,opt,name=volumeNamespace"
No license file was found, but licenses were detected in source scan.
```

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
```

Found in path(s):

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*channelz.channel *cipher.BlockMode *cli.IntSliceFlag
*cli.RequiredFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*unix.nopResolver *utilities.OpCode *v1.AttachRequest *v1.ConfigMapList *v1.ContainerPort *v1.CreateOptions
*v1.DeleteOptions *v1.EndpointsList *v1.EnvFromSource *v1.FinalizerName *v1.GroupResource
*v1.HTTPGetAction *v1.HugepageLimit *v1.InternalEvent *v1.LabelSelector *v1.ListInterface *v1.NamespaceList
*v1.NamespaceMode *v1.NamespaceSpec *v1.NetworkConfig *v1.NodeCondition *v1.NodeResources
*v1.PodLogOptions *v1.Preconditions *v1.ProcMountType *v1.ResourceQuota *v1.ResourceSpans *v1.RestartPolicy
*v1.RuntimeConfig *v1.RuntimeStatus *v1.SELinuxOption *v1.ScopeSelector *v1.ServiceStatus *v1.Span_SpanKind
*v1.StatusDetails *v1.StatusRequest *v1.StorageMedium
*v1.UpdateOptions/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.intSliceValue *pkcs11.ObjectHandle
*pkcs11.Pkcs11Config/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.uintSliceValue
```

```
*pkcs11.Pkcs11KeyFile/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd [*]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerd *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/containerd *func()
*v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
```

Found in path(s):

\*

yaml:"uri" VerifiedChains VerifyHostname VersionService WalkStatusRefs WithTraceFlags WithTraceState  
WriteObjectEnd WriteRSTStream XXX\_OneofFuncs XmitHashPolicy ZlibWriterPool

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockeralpha;amacr;amalg;angle;angrt;angst;anyoneaggon;arcnetaring;asympt;athenaatildeattachastinau
thoravx512awint;aws-cnbackupbanachbanzaibartikbasic
bcong;bdquo;bearerbeaverbeforebepsi;bhabhabinaryblank;blk12;blk14;blk34;blkio.blobs/block;boltdbborderboringb
oumanboxDL;boxDR;boxDL;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUL;boxUr;boxVH;boxVL;box
VR;boxVh;boxVI;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH
;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundleca.pemcache-
cache.cachedcalloccannoncapgetcapsetcaret;caron;carsoncarverccaps;ccedilccirc;ccups;cedil;cgroupchan<-
check;chrootclarkecleverclientclone3closedcloud9clubs;coldencolon;comma;commitconfigconsulcookiecoordscpus
etcramfscranykycrarr;createcross;csclip6csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl^ctrl_ ctrl-actrl-bctrl-cctrl-dctrl-
ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-
zcuepr;cuesc;cupor;currancurrencustomcuvee;cuwed;cwint;daemondaggerdarwindashv;db.tmpdblac;ddarr;definedel
etedelim(delta;detachdevicedevptsdharl;dharr;dhawandiams;diffiedigestdir
indisin;dividedockerdomaindoteq;doubledreamydriverdtdot;dtrif;duarr;duhar;eDDot;eacuteeasleyecirc;econetedison
eetherefDot;efenceeegraveelatedemacr;empty empty;enableengineeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno
errorscapeesdot;euclideaneventsexec:
execIDexecveexist;existsexitedexpectexportexposeexpreffailedfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownferma
tfflig;field
filig;filterfjlig;flig;fltns;folderfollowforallforkv;fownerfrac12frac14frac34frac1;frostyfrown;frozenfsetidfopenfspic
kgaloisgamma;gcirc;gcloudgescc;getACLgetcpugetcwdgetentgetgidgetpidgetsidgettidgetuidgiftedgimel;git://globalg
neqq;gnsim;golickgophergossipgrave;gretapgrpclbsime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerhealthheartshei
ghthelliphiddehoarr;hooverhopperhungryhyperviacuteicirc;iexcl;ifNameignoreigraveiif
%diif %siiint;iiota;ijlig;imacr;image;imath;imped;importindex-infin;ingestinlineinp-
%dinuse _iogon;iopermip+netip/ddpip6greip6tnlipMaskiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jepsenjmth;jjo
liotjovialjsCtx(jukcy;kappa;kellerkeplerkernelkilledlAarr;lBarr;label!label:label=labelslamarrlambdalangd;laquo;larr
b;lates;latestlayer-layer2layerslbarr;lbrk;lbrke;lceil;lchmodlchownldquo;leaderleakedleakeyleave
```

Found in path(s):

\* [0m [6n] = ]

```
n=^%s$_sum_tagacE;acctacd;acy;addraddsaf;allgallpaltsamp;and;ang;anonapE;ape;aposarchasn1ast;aufsaumlautha
vx2ax25basebcy;beetbellbenzbetabfr;bindbitsblobbmi1bmi2bne;bodybohrboldbondboolborgbosebot;boydbuckbullb
usybytecallcap
cap;cas1cas2cas3cas4cas5cas6caseceilcentcerfcfr;chanchi;cir;circcitecodecolscompcngcoolcopycorecoricpu.cpuscr
aycroncup;dArrdarrdatadatedbusdcy;deaddef=deg;dfr;dialdie;diffdiskdiv;dlcidonedot;downdropdup2dup3eEpPecho
ecy;efr;egs;elf.ell;els;elseemspeng;enspecicermseta;etagetcdeth;eumleuroexexexitexprf2fsfailfastfcalfcplfcppfcy;fdd
iffr;fifofilefipsfnofforkformfradfreefromftpsfuncfusegEl;gRPCgactgap;gcclgcy;gel;gelfgeq;ges;gfr;ggg;git@glE;gla;
```



glj;gluegnE;gne;goodgotogpfsgrpcgziPhArrharrhashhldcheadheaphelphfr;hfschighhsthourhrefhtmlhttpi386icmpico  
nicy;id==idleiff;ifr;igmpinifointint8int;intsiopliotaipipiv4ipv6irdaisinitabiumljangjcy;jfr;joinjsonjumpkarekcmpkcy  
;keenkey:keyskfr;killkindkmemlArrlEg;langlap;lapblarrlastlat;lcy;leafleftleg;leq;les;lfr;lgE;linklistlnE;lne;loadl  
ogslooploz;lrm;lsh;macrmalmandmap;map[mcy;mdnsmemsmetamfr;mho;mid;mmapmobymodempolmsgsnGg;nLl;  
namenap;nashnbspcy;newsnextnfr;ngE;nge;ngt;nicenis;niv;nLE;nle;nlt;nodenonenot;notenpr;nsc;nsubnullnum;ocy;  
ofr;ogt;ohm;oidcolt;openord;ordfordmorv;oumlpar;paraparepartpasspathpcy;perppfr;phi;pidspikepingpipepiv;pollpo  
p3portpostprE;pre;prioprocprodprofproppi;pullpushqfr;qldbquitquotrArrrafrangrarrcy;rdmareadrealrecvreg;repore  
sprfr;rho;riderlm;rolerootroserowsrpadrseqrsh;runcs390s3v4sahasavesbrkscE;sce;sctpscy;sdotsectseekssendsentserfsf  
r;shawshotshy;sim;sinksizeskipslabslipslotslowsmst;smtpsnapsocksol;sortspanspecsqu;sse2sse3statstepstmtstopsub;s  
ubesuidsum;sup1sup2sup3sup;supesynctag;tagstailtar-tar

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* XfrmStateGet

\* requestsLock

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* formatSlice

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*tuf.repoBuilder

\*types.BoolValue \*types.Container \*types.DiskUsage \*types.EnumValue \*types.FieldMask \*types.HostsList

\*types.ListValue \*types.NullValue \*types.PatchType \*types.PidsStats \*types.Placement \*types.PluginEnv

\*types.Resources \*types.StatsJSON \*types.Timestamp \*types.UnitBytes \*unicode.Range16 \*unicode.Range32

\*url.EscapeError/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

decodeVarintSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

\*utils.pbkdf2Encs \*v1.BatchV1Client \*v1.ConfigMapList \*v1.ContainerPort \*v1.CreateOptions \*v1.DaemonSetList

\*v1.DaemonSetSpec \*v1.DeleteOptions \*v1.EndpointsList \*v1.EnvFromSource \*v1.ExportOptions

\*v1.FinalizerName \*v1.GroupResource \*v1.HTTPGetAction \*v1.InternalEvent \*v1.LabelSelector \*v1.ListInterface

\*v1.NamedAuthInfo \*v1.NamespaceList \*v1.NamespaceSpec \*v1.NetworkPolicy \*v1.NodeCondition

\*v1.NodeInterface \*v1.NodeResources \*v1.OperationType \*v1.PodLogOptions \*v1.Preconditions \*v1.PriorityClass

\*v1.ProcMountType \*v1.ResourceQuota \*v1.RestartPolicy \*v1.RoleInterface \*v1.ScopeSelector \*v1.ServiceStatus

\*v1.StatusDetails \*v1.StorageMedium \*v1.UpdateOptions \*v1alpha1.RoleRef \*v1alpha1.Subject \*v1alpha1.Webhook

\*v1beta1.Eviction \*v1beta1.KeyUsage \*v1beta1.Overhead \*v1beta1.RoleList

\*v1beta1.UserInfo/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

\*timeseries.tsLevel \*tls.ClientAuthType/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-

tgz/docker/docker \*pflag.SliceValue

\*pkcs11.ObjectHandle/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

\*pflag.uintSliceValue \*pkcs11.MechanismInfo \*pkcs11.SessionHandle  
 \*pkix.CertificateList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 [\*]\*timeseries.tsLevel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*swarm.ipNetSliceValue \*syscall.SockaddrInet4  
 \*syscall.SockaddrInet6/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*v1.controllerRevisions \*v1alpha1.AuditSinkList \*v1alpha1.AuditSinkSpec \*v1alpha1.EndpointSlice  
 \*v1alpha1.PodPresetList \*v1alpha1.PodPresetSpec \*v1alpha1.PriorityClass \*v1alpha1.RoleInterface  
 \*v1alpha3.RestartPolicy \*v1alpha3.ServiceConfig \*v1beta1.DeploymentList \*v1beta1.DeploymentSpec  
 \*v1beta1.EventInterface \*v1beta1.ExecCredential \*v1beta1.IngressBackend \*v1beta1.LeaseInterface  
 \*v1beta1.ReplicaSetList \*v1beta1.ReplicaSetSpec \*v1beta1.RollbackConfig  
 \*v1beta1.StackInterface/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*func(\*v1.EndpointsList)/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/docker \*v1alpha1.endpointSlices/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-  
 17-tgz/docker/docker [\*]v1alpha1.EndpointSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-  
 10-17-tgz/docker/docker \*func()  
 \*v1.EndpointsList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker  
 \*v1.selfSubjectRulesReviews \*v1alpha1.EndpointSliceList  
 \*v1alpha1.PriorityClassList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
 tgz/docker/docker

Found in path(s):

\*ssh:"rest" RestoreTerminal RetryThrottling RollbackMonitor SecurityOptions SecurityVersion ServerHandshake  
 ServerResources ServiceAccounts SetGenerateName SetHelpTemplate SetInterspersed SetMkfileOption  
 SetPluginConfig SetReadDeadline SetRefreshToken SetReportCaller SetSendCompress ShorthandLookup  
 SignRecoverInit SlotDescription SourceLocations StorageV1alpha1 StringArrayVarP StringSliceVarP StringToIntVarP  
 StringToStringP SupportedCurves SupportedPoints SupportedProtos TLSClientConfig TimestampFormat  
 ToRestartPolicy TransportConfig TryRLockContext TypeCastMapping UnknownResource UnmarshalBinary  
 UnmarshalJSONPB UnsafeMakeSlice UpdateAddresses UpdateOnFailure UpdateTimestamp ValidPrincipals  
 VersionTemplate VersionedParams Wait100Continue WithConstLabels WithConversions WithImageConfig  
 WithLabelValues WriteArrayStart WriteBufferSize WriteDataPadded WriteEmptyArray XXX\_MessageName  
 No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr \*sha512.digest  
 \*snapshots.Opt \*sort.IntSlice \*specs.Process \*specs.Solaris \*specs.VMImage  
 \*specs.Windows/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr  
 \*zstd.fseState AbsolutePrefix AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList  
 AllAdditional AllAuthorities AppendFullName ApplyWithError AuthorityKeyId AuthorizerOpts BalancerConfig  
 BoundaryBefore BreakWithError CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CloseWithError  
 CombinedOutput CommonAuthInfo CompareAndSwap ContentSubtype ConvertSchema1 Cwd

Found in path(s):

\*content.Jobs

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc \*chan<- os.Signal  
 \*cli.DurationFlag \*cli.IntSliceFlag \*cli.RequiredFlag \*configs.HookList \*configs.HookName \*configs.IntelRdt  
 \*configs.Operator/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc(...)

Found in path(s):

\* json:"uid" UnmarshalState XmitHashPolicy

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):

\* getSliceFull

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* \*snapshots.snapshotsListClient

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):

\* XORKeyStream

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

alpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendarcnetaring;asympt;atildeattachavx512awint;backupbcong;  
bdquo;bearerbepsi;betterblank;blk12;blk14;blk34;blkio.blobs/block;bootIDborderboxDL;boxDR;boxDL;boxDr;box  
HD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUI;boxUr;boxVH;boxVL;boxVR;boxVh;boxVl;boxVr;boxdL;boxdR;  
boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;branc  
hbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundlecallercalloccanvascapgetcapsetcaret;caron;causesccap  
s;ccedilccirc;ccups;cedil;centercephfscgroupchan<-  
check;chrootcinderclientclone3closedclubs;colon;comma;commitconfigcookiecoordscpusetcrarr;createcross;csclip6c  
sube;csupe;ctdot;cuepr;cuesc;cupor;currencuvee;cuwed;cwint;daggerdarwindashv;dblac;ddarr;defineddeletedelim(del  
ta;dev\_iddevicedevptsdharl;dharr;diams;digestdisin;dividedomaindoteq;dotnetdoubledriverdryRundtdot;dtrif;duarr;d  
uhar;eDDot;eacutееcirc;econeteetherefDot;efenceeffectgraveemacr;empty  
empty;eogon;eplus;epsiv;eqsim;equiv;erDot;erarr;erlangerrno errorsesdot;evdo\_0evdo\_aevdo\_beventsexec;  
execveexist;existsexpectfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownfflig;field  
figurefilig;filterfjlig;flig;fltns;followfooterforallforkv;formatfrac12frac14frac34frac1;frown;frozenfsTypefsopenfspi  
ckgamma;gcirc;genevegescc;getcpugetcwdgetgidgetpidgetsidgettidgetuidgimel;gneqq;gnsim;golanggophergrave;gre  
tapgroupsgrpclbgsime;gsiml;gtcir;gtdot;hanadbhangupharrw;hcirc;headerhealthheartsheighthelliphgrouphiddenhoarr  
;hostIPhref="hsqldbacuteicirc;iexcl;iframeigraveiint;iiota;ijlig;imacr;image;imagesimath;imped;importindex-  
infin;ingestingresinlineinprocinsertinuse\_invokeiogon;iopermip+netip/ddpip6greip6tnlipMaskip\_tcpip\_udpiprod;ipv  
laniquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jstypejukcy;k8s.iokappa;killedlAarr;lBarr;labelslambdalangd;laqu  
o;larrb;lates;latestlayer-  
layer2layerslbarr;lbrk;lbrke;lceil;lchownldquo;leakedleaseslegacylescc;level:lfloorlhard;lharu;lhlk;limitslinkatlist  
enllarr;lltri;lneqq;lnsim;loang;loarr;lbrk;loggerlopar;lowastlower1lower2lrrarr;lrrar;lrrtri;lsaquolsime;lsimg;lsquo;ltc  
ir;ltldot;lte\_caltrie;ltrif;mDDot;mailtoallocmdash;mediummembermemorymergedmethodmicro;middotminus;minu  
temlock2mount.mount=mountsmqueuemremapmsgctlmsggetmsgsrcvmsgsndmumap;mumapnabla;napid;napos;nati

venatur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlar  
 r;nleqq;nless;nlsim;nlttri;nodejsnoexecnofilenomandnosuidnotifynotin;notni;nouuidnpart;nprec;nrArr;nrarr;nrtri;nsi  
 me;nsmid;nspar;nsuE;nsuE;nsucc;nsupE;nsupe;ntildenumbersnumsp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;  
 oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopenatoperp;oplus;oracleorarr;order;originoslashotilde  
 otimesoutputovbar;packedparentparsl;pausedpdNamepermilpgpgingscanphone;pimregpkcs11pluginplusb;pluse;plu  
 smnpodIPspolicypopcntposterpound;prcue;preadvprefixprettyprime;printfprnap;promptpronetproto2proto3prsim;ptr  
 acepubsubpythoquest;quorumrArr;rBarr;radic;rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbrk;rbrke;rceil;rdq  
 uo;rdrandseedreadU4readatreal;reasonrebootrel=%qremoverenameresumereturnrfloorrhard;rharr;rlarr;rlhar;rnmi  
 d;roang;roarr;robrk;rootfsropar;rrarr;rsaquorslaversquo;rtpriortrie;rtrif;rtimerune1  
 sbquo;scalarscaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searr;secondsecretsselectsem  
 ctlsemetgetsendtoserialserieserversetenvsetgidsetmn;setsidsetuidsha256sha384sha512sharedshaesssharp;shmctlshmg  
 etsigma;sigmafsignalsignedsimeq;simGE;simLE;simne;sint32sint64slarr;smile;smtes;socketsocks  
 socks5sourcespadesspec:  
 splicesqcap;sqcup;sqlitesqsub;sqsup;srarr;srcdocsrsrcsetstablestarf;stat64state(statfsstatusstderstdoutstringstrns;struct  
 subnE;subne;supnE;supne;swArr;swarr;sweep  
 switchsybasesyncfssyntaxsyslogsysmonssystemszlig;taintstargettc\_newtelnettenanttgkillthawedthere4theta;thinspthk  
 ap;thorn;threadtilde;timerstimes;toc\_%dtracestrade;trisb;tshcy;tuntaptwixt;typeofuacuteubrcy;ucirc;udarr;udhar;ugra  
 veuharl;uharr;uhblk;uint16uint32uint64ultri;umacr;umountunlinkunpigzunuseduogon;updateuplus;upsih;uring;urtri;  
 usemapustar  
 ustar/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdDOWNGRD  
 DSA-SHA1DataLossDecemberDefault:Detail:  
 Details:Devices:DevmajorDevminorDiamond;Divisor:DocumentDownTee;DuployanDurationENDPOINTElement;  
 EnumKindEnvFrom:EnvelopeEpsilon;EthiopicExecSyncExitCodeExports:ExtendeeExtenderFSGroup:Failcnt:Febru  
 aryFields:  
 FieldsV1FilePathFilters:Flocker:FullNameFunctionGODEBUG=Gateway:GeorgianGitRepo:GoStringGujaratiGurm  
 ukhiHTMLSpanHTTP/1.1HTTP/2.0HTTPGet:Handler:HiraganaHostIPC:HostPID:Hugetlb:INTERNALIgnore()Im  
 ageID:Implies;Ingress:InitErr:InstFailInstRuneInternalIsPackedIsPublicJSONNameJavaneseJstype:  
 KatakanaKayah\_LiKeyGroupKeyValueKeyring:Kind(%d)LearningLeftTee;Linear\_ALinear\_BLinknameListMetaL  
 istPidsLocale:  
 LocationLogPath:MD5+SHA1MahajaniManager:MapValueMappingsMaxSkew:Message:MessagesMetadataMetho  
 d:  
 Methods:Metrics:Mixins:  
 NO\_ERRORNO\_PROXYNetwork:NewLine;NoBreak;NodeSpecNotFoundNotLess;NovemberNumber:  
 OSImage:Ol\_ChikiOmicron;Oneofs: OomKill:OpenTcp:OptionalOptions:OverBar;PRIORITYPacked:  
 ParseIntPeriods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags\_PaPidsStatPlugins:PodCIDR:PodCidr:Portals:PreStop:Prio  
 rityProcess:Product;ProxyArpQuantityQuestionQuobyte:RBDPool:RECEIVEDRSA-OAEPSSHuge:RTMAX-  
 10RTMAX-11RTMAX-12RTMAX-13RTMAX-  
 14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadInt8ReceivedRel  
 ated:RemovingRepeatedRequiredResourceRestrictResumingRunning:Runtime:RxBytes:SETTINGSSHA1-  
 RSASHA3-224SHA3-256SHA3-384SHA3-  
 512SHN\_LOOSSHUTDOWNSPDY/3.1Samples:SaturdayScaleIO:Seccomp:Seconds:Secrets:Servers:ServicesShim  
 InfoShimPid:ShutdownSources:Started:SubPath:Subject:Subsets:Syntax:  
 Sysctls:TableRowTagbanwaTai\_ThamTai\_VietTaskPid:ThrottleThursdayTifinaghTime: %vTimeout:Too longToo  
 manyTrailer:TxBytes:TypeAAAATypeAXFRTTypeMetaTypeUrl:UgariticUnified:UpArrow;Uparrow;Upsilon;UserI  
 nfoValues:  
 VariableVariant:Verbose:Version:VolatileVolumes:Waiting:Windows:XAddModeZgotmplZ[ rdt ] [%d->%d][%s]:  
 %v[::1]:53[:word:][[]Event{[]Image{[]PodIP{[]Taint{[]mapKey][pkcs11][signal

Found in path(s):

\* /docker-20-10-17-tgz/docker/containerd

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*v2.shim

APIGroup Absolute ActorKey AdSelect AddBytes AddChild AddEvent AddFuncs AddUint8 AddValue AddrType  
Addrtype Allocate AsString Attached AuthInfo AuthType BadValue Binomial BoolVarP Buffered ByIgnore ByMethod  
ByNumber BytesHex BytesPtr CFHeader C\_Digest C\_Logout C\_SetPIN C\_Verify Ca\_state CacheDir CapNames  
CastType Category Channels Children CloseAll CmpInt64 Commands Comments Comparer Compiled Compress  
ConnPool Constant Consumes Contains ContentD Contents Continue CopyFile CopyFrom CopyList CopyPipe CoreD  
CountFds CountVar DNSNames DNSStart DataSize DataType Deadline Decision DeepCopy DefValue Demangle  
Describe DevMajor DevMinor Devmajor Devminor Digester Dispatch DoneFunc Duration ElseList EnableGC Encode  
Encoding Endpoint ErrorLog EventNum ExecSync ExitCode ExitFunc ExitIdle ExitTime ExitedAt Expanded Expected  
Exporter Extensee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath FileSize Filename Finali  
FindType FlagSign Float32P Float64P FlowInfo Flowinfo Footnote FormFile FormName Fprintln Fragment FullName  
Function GRPCConn GaugeVec GetArray GetBegin GetCount GetCtype GetDepth GetEntry GetError GetField GetGa  
GetGroup GetIPNet GetImage GetIndex GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLimit GetLinks  
GetLinux GetMajor GetMinor GetNanos GetOwner GetPaths GetSize\_ GetSlice GetSpans GetStart GetState GetStats  
GetStdin GetUint8 GetUsage GetValue GetXattr GoString GroupIds HasFired HasFlags HasValue HashFunc HeapIdle  
HelpName HideHelp Hijacker HostPort Hostname HttpOnly IPNetVar IPSliceP IdleTime ImageRef Indirect InitJSON  
Insecure Instance Int16Var Int32Ptr Int32Var Int64Ptr Int64Var Int8VarP IntSlice IntValue IsAssign IsBinary IsClient  
IsFenced IsFolded IsHeader IsHidden IsLoaded IsNormal IsPacked IsPinned IsProto3 IsPseudo IsPublic IsRemote IsS  
IsSigned IsStream IsString IsSubkey IsUint64 JSONName JsonName KeyUsage KeysById KillShim KindFlag LacpRa  
Learning LengthOf LinkData LinkName LinkType Linkname ListData ListMeta ListPids Listener Locality Location  
LookupIP LookupMX LookupNS MACAddrs MBSchema MSpanSys MapIndex MapRange MapValue MarkDead  
MaxDelay MaxDepth Messages Metadata MinLinks MkdirAll MulRange Multiply Networks NewChild NewField  
NewGauge NewTimer NewValue NextPart NodeType Nodename NotAfter Nsignals NumEnums NumField NumFiles  
NumFlags NumLabel NumPorts OnCommit Operator Optional OrigName OtherSys OutTable Overhead Overlaps  
PMtuDisc PageSize ParseAll Password PauseEnd PeerAddr PeerName Platform PortHigh Position PostForm Pow2252  
PreferGo Priority Produces Protinfo Protocol Province ProxyArp ProxyURL PushBack PushStep PusherID Question  
Queue\_id QuoExact QuoRound RGBA64At RSSLimit RandBool RawFlags RawQuery RawToken RawWrite ReadBits  
ReadBool ReadByte ReadData ReadForm ReadFrom ReadInt8 ReadLine ReadOnly ReadRune ReadUint ReaderAt  
ReadySCs RealSize RecvTime Redacted Register Registry Releaser Repeated RepoTags Required Requires Reserver  
Resolver Resource Response Revision Rollback RootPath Rootless RssQuery RunCount RxErrors S2KCount SPIFFE  
SameSite Scope\_id Searches Sections Security SentTime Sequence ServeMux ServeTCP ServeTLS Services SetALUO  
SetBytes SetEDNS0 SetError SetFlags SetFloat SetIndex SetInt64 SetLabel SetLevel SetMilli SetScale SetValue Seve  
ShimInfo Shstrndx Shutdown SignInit Signaled SignedBy Simplify SizeType Snapshot Snd\_cwnd SortKeys SpanKind  
SpewKeys Spoofchk Sprintln StackSys StopShim StreamID StreamId SubChans SubImage Subjects Subtract SysUsag  
TableLog Terminal TextName ToString ToUint32 ToUint64 TrailCCC Truncate TxErrors TypeFlag TypeMeta TypeN  
Typeflag Uint8Var UintVarP UnixConn UnixNano Unparsed Unscaled UseBlock UseProxy Username UserTime  
Username Validate Validity VarCount VarNames Verified Verifier VisitAll Warningf Weighted WireType WithArgs  
WithKind WithName WithSink WithTime WithType WrapKeys Writable WriteInt WriteMsg WriteNil WriteRaw  
WriteVal XXX\_Size/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd  
getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd \*zstd.seq  
AResource AcceptTCP AddCookie AddDevice AddGoFlag AddHeader AddObject AddOutput AddRtAttr AddSignal  
AddUint16 AddUint24 AddUint32 AddValues Addralign Addresses AfterFunc Aggregate Algorithm AllocSize  
AllowHTTP Anonymous AppendCRC ApplyOpts ArgsUsage AsFloat64 AsIfaceOf AsValueOf Attribute Authority

Authorize AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BitLength BlockSize BoolSlice Broadcast  
BusObject ByteOrder BytesHexP BytesSent CATSchema CNIResult CRTValues C\_Decrypt C\_Encrypt C\_GetInfo  
C\_InitPIN C\_WrapKey CallDepth CallSlice ClientCAs CloseChan CloseConn CloseRead CloseSend CloseWait  
Coalesced Collector Commented Committed ConnState Connected Container Continued Converter Copyright CountVa  
CreateCRL CreatedAt CurryWith DBusError DaysSince DebugData DecodeAll DecoderOf DeepEqual Delimiter  
Deprecate DeriveKey DeviceIdx DialCreds DidResume DigestKey DoNotCopy DotReader DownDelay DualStack  
DurationP DynString ECDSASigR ECDSASigS Eavesdrop EmitASCII EncapType EncodeAll EncoderOf Encrypted  
EndColumn EndStream EqualTime ErrClosed ErrStatus ErrWriter ErrorBody ErrorCode EventChan EventFile EventLo  
Exclusive ExportAll Extension ExtraInfo FastLeave FenceChar FieldsMap FileLocks FillBytes FindIndex FirstData  
FlagNames FlowBased FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromNames Ftruncate  
FullBytes FuncProto GaugeOpts GetAttach GetBucket GetByType GetCallId GetConfig GetDetail GetDevice GetDige  
GetDomain GetEnvMap GetEvents GetFields GetFilter GetFormat GetHostIp GetImages GetIpPort GetJstype GetLabe  
GetLength GetLocale GetLogger GetMemory GetMethod GetMetric GetMixins GetModule GetMounts GetNumber  
GetObject GetOneofs GetPacked GetPinned GetReason GetSerial GetServer GetSocket GetSpanId GetStatus GetStder  
GetStdout GetString GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GlobalInt GlobalSet GoValueO  
GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasPacked  
HasSpanID HeadingID HeapAlloc HeapInuse HelloTime Histogram IPConfigs IPMaskVar IPNetVarP IfInfomsg  
ImageData ImagePath ImageSpec Increment IndexType InfoDepth InitCheck InitLevel InitToken InlineMap Int16VarP  
Int32VarP Int64VarP IntSliceP Interface Interpret Intersect IsComplex IsCreated IsDefault IsKeyword IsLiteral IsMess  
IsNumeric IsOnCurve IsPacked3 IsPrivate IsRegular IsSampled IsSandbox IsServing IsTimeout IsValidGo IsValidPB  
KeepAlive KernelBTF KeyUsages LastChild LastError LatencyMu LazyPages LeafAlloc LeafInuse LeafPageN LinkA  
LinkState ListFlags LocalAddr Locations LogCaller LogFormat LookupSRV LookupTXT MCacheSys MakeSlice  
MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType MessageIs MessageOf MetricVec MiiStatus  
MinTxRate MmapFlags MoveAfter Multiaddr Multicast Multiline Namespace NetNSPath NewResult NewSpanID  
NewStream NewTicker NilChance NodeCount NodeDeref NonceSize Normalize NotBefore NumMethod NumSubexp  
ObjectRef OmitEmpty OpenCount OpenStdin OperState Operation Overwrite PBES2Salt PBValueOf PackEface  
PadLength PageAlloc PageCount ParentIDs ParseForm ParseGlob ParseName Partition Pdeathsig Phentsize PixOffset  
Platforms Precision Processes PromiseID ProtoSize ProtoTime ProtoType ProxyFunc PublicKey PullImage PushFront  
PutUint16 PutUint32 PutUint64 QuickSpan RatString RawIssuer RawOutput Rcv\_space ReadArray ReadBytes  
ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Rebalance Reconnect  
Reference Registers RemoveAll Reserved1 ResetPool ResizePty Resources RestartMs RootBlock RoundTrip RxDropp  
RxPackets Sa\_family SandboxID ScanState SchemaURL SendReply Sensitive Serialize ServeConn ServeGRPC  
ServeHTTP SetBuffer SetEnvMap SetExited SetFormat SetFrac64 SetHeader SetIndent SetInline SetJumpOp SetLabel  
SetLinger SetNoLock SetOutput SetPrefix SetRGBA64 SetScaled SetSource SetStatus SetString SetUint64 SetValues  
SharedKey Shentsize ShortName Shorthand SignFinal Signature SkipSpace SlaveType SnapshotD Snapshots SortFlags  
SourceIPs SourceSAP Specified SpillTime SplitKeys SqrtRatio StartCond StartLine StartTime StartedAt Starttime  
StdinOnce StdinPipe StreamDep StringLen StringOff StringPtr StringVar Subscribe Subsystem Supported Suspended  
TLSConfig TLSUnique TableLive TakesFile TargetIdx Templates Temporary Terminate TimeNanos Timestamp  
TlsConfig ToFloat32 ToFloat64 Transform Transport TrapCause Truncated TxDropped TxPackets TypeCheck TypeEn  
Uint16Var Uint32Ptr Uint32Var Uint64Ptr Uint64Var Uint8VarP UintSlice UnixMicro UnixMilli Unmarshal UnsafeCa  
UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageText UseNumber UserAgent ValueElem ValueSize  
ValueType Verbosity Versioned WaitGroup WaitWrite WarningFn WarningIn WithError WithField WithLease  
WithValue WriteBool WriteByte WriteData WriteFile WriteFlag WriteInt8 WriteJson WriteMore WriteName WriteOn  
WritePing WritePong WriteRune WriteTime WriteToIP WriteTrue WriteUint XXX\_Merge  
X\_\_unused/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found

in path(s):

\* The contents of the target Secret's Data field will be presented in a volume as files using the keys in the Data field as the file names. Secret volumes support ownership management and SELinux relabeling. NodeSelector is a selector which must be true for the pod to fit on a node. Selector which must match a node's labels for the pod to be scheduled on that node. More info: <https://kubernetes.io/docs/concepts/configuration/assign-pod-node/> The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in PodSecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified

in SecurityContext takes precedence. The Windows specific settings applied to all containers. If unspecified, the options from the PodSecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence. procMount denotes the type of proc mount to use for the containers. The default is DefaultProcMount which uses the container runtime defaults for readonly paths and masked paths.

This requires the ProcMountType feature flag to be enabled. MaxLimitRequestRatio if specified, the named resource must have a request and limit that are both non-zero where limit divided by request is less than or equal to the enumerated value; this represents the max burst for the named resource. version is the preferred version of the resource. Empty implies the version of the containing resource list For subresources, this may have a different value, for example: v1 (while inside a v1beta1 version of the core resource's group). Target directory

name. Must not contain or start with '..'. If '.' is supplied, the volume directory will be the git repository. Otherwise, if specified, the volume will contain the git repository in the subdirectory with the given name. podIPs holds the IP addresses allocated to the pod. If this field is specified, the 0th entry must match the podIP field. Pods may be allocated at most 1 value for each of IPv4 and IPv6. This list is empty if no IPs have been allocated yet. EndpointsNamespace is the namespace that contains Glusterfs endpoint. If this field is empty, the EndpointNamespace defaults to the same namespace as the bound PVC. More info:

<https://examples.k8s.io/volumes/glusterfs/README.md#create-a-pod> PodSecurityContext holds pod-level security attributes and common container settings. Some fields are also present in container.securityContext. Field values of container.securityContext take precedence over field values of PodSecurityContext. Docker image name. More info: <https://kubernetes.io/docs/concepts/containers/images>

This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets. The kind attribute of the resource associated with the status StatusReason. On some operations may differ from the requested resource Kind. More info:

<https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds> The Windows specific settings applied to all containers. If unspecified, the options within a container's SecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence. Audience is the intended audience of the token. A recipient of a token must identify itself with an identifier specified in the audience of the token, and otherwise should reject the token. The audience defaults to the identifier of the apiserver. When present, indicates that modifications should not be persisted.

An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed (?i)(?:<[A-Za-z][A-Za-z0-9-]\*(?:\s+[a-zA-Z\_-][a-zA-Z0-9-\_-]\*(?:\s\*=\s\*(?:[^\s=<>\x00-\x20]+|'[^']\*'|"[^"]\*"|)))\*\s\*/?>|</[A-Za-z][A-Za-z0-9-]\*\s\*[>]|<!-->|<!--(?:-[^\s-])?(?:-[^\s-])\*->|<[?][?]>|<![A-Z]+\s+[>]\*>|<![CDATA\[([^\s\]]\*\?)]>)>) APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted. Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info: <https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-template> Replicas is the number of desired replicas. This is a pointer to distinguish

between explicit zero and unspecified. Defaults to 1. More info:

<https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontroller> The

GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in

SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext

takes precedence for that container.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs

to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request.Active reports the checkpointed config the node is actively using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error.

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

```
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd|*struct { F uintptr;
req *containers.CreateContainerRequest; l *containers.local; resp *containers.CreateContainerResponse }
IoTimeRecursivelprotobuf:"bytes,7,rep,name=io_time_recursive,json=ioTimeRecursive,proto3"
json:"io_time_recursive,omitempty"
MajorPageFaultslprotobuf:"bytes,7,opt,name=major_page_faults,json=majorPageFaults,proto3"
json:"major_page_faults,omitempty"
ResponseTypeUrlprotobuf:"bytes,4,opt,name=response_type_url,json=responseTypeUrl,proto3"
json:"response_type_url,omitempty"
SlabReclaimablelprotobuf:"varint,16,opt,name=slab_reclaimable,json=slabReclaimable,proto3"
json:"slab_reclaimable,omitempty"
WorkingSetByteslprotobuf:"bytes,2,opt,name=working_set_bytes,json=workingSetBytes,proto3"
json:"working_set_bytes,omitempty"/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerdruntime.convTslic/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerdruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/containerdruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/containerdruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-
10-17-tgz/docker/containerdruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerdruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerdsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerdtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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17-tgz/docker/containerdsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerdsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/containerdsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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17-tgz/docker/containerdsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerdpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVa
rintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt
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tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFlo  
atSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFI  
oatSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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ola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerdgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(\*tsLevel).Clear  
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evel/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListClient).Recv/opt/c  
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tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(\*snapshotsListClient).Context/op  
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diff/v4/value.convertSliceNumbers/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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al/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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pt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/miekg/pkcs11.(\*Ctx).GetSlotList/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-  
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tgz/docker/containerdgithub.com/containerd/containerd/vendor/go.opentelemetry.io/otel/attribute.IntSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim  
getSlow/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim  
getSlice/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

Found

in path(s):

\* WritableLayerdbuf:"bytes,4,opt,name=writable\_layer,json=writableLayer,proto3"  
json:"writable\_layer,omitempty"

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):

\* strictSlash

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

/opt/cola/permits/2638087389\_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker \*yaml.yamlError  
\*zip.Compressor \*zip.FileHeader AddEventHandler AddIfNotPresent AddWithExemplar AppArmorProfile  
AuthTokenSecret AuthorityHeader AuthorizationV1 BearerTokenFile BuildCachePrune BuildCatalogURL  
BuildkitVersion BytesBase64VarP C\_DecryptUpdate C\_DestroyObject C\_EncryptUpdate C\_GetObjectSize  
C\_VerifyRecover ClientHandshake ClusterDefaults CompletedTraces ComputeChecksum ConnectionError  
ConnectionState ConstantTimeSum ContainerAttach ContainerCommit ContainerConfig ContainerCreate  
ContainerExport ContainerIDFile ContainerMounts ContainerRemove ContainerRename ContainerResize  
ContainerUpdate ContainersPrune ContextSpecific CopyStoreObject CopyToContainer CreateFormField  
CriticalOptions CryptoPublicKey CryptokiVersion DecorateDecoder DecorateEncoder DefaultAddrPool  
DisableChunking DiscoveryClient EndpointsConfig EphemeralPubKey EscapedFragment ExcludePatterns  
ExecuteTemplate ExtraExtensions FieldByNameFunc FindAllSubmatch FindObjectsInit FindReaderIndex  
FindStringIndex FirmwareVersion Float32SliceVar Float64SliceVar ForceNewCluster GenerateKeyPair  
GetArchitecture GetCacheImports GetClientHeader GetCustomPrefix GetDefaultValue GetDesiredState  
GetExplicitFile GetExporterAttr GetExternalDocs GetFloat32Slice GetFloat64Slice GetGenerateName  
GetGoAwayReason GetHostTemplate GetKeepDuration GetManifestList GetMethodConfig GetPathTemplate  
GetPhpNamespace GetReservedName GetResourceName GetResourceType GetResponseCode GetServerHeader  
GetStackEntries GetTargetByName GreaterThanZero HardwareVersion HasCapabilities HasCertCallback  
HasExperimental HasFragmentOnly HasFullFilePath HasUpdateConfig HasUpdateStatus HistogramWindow  
IdentityMapping IdleConnTimeout IncludePatterns IsDefaultConfig IsEventResource IsGlobalUnicast IsUnlessStopped  
KeepaliveParams KernelMemoryTCP Keys

Found

in path(s):  
\* sstype:"32" XXX\_OneofFuncs YubiPrivateKey

# 1.460 importlib-metadata 4.11.1

## 1.460.1 Available under license :

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# 1.461 platformdirs 2.6.2

## 1.461.1 Available under license :

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OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE  
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# 1.462 idna 3.3

## 1.462.1 Available under license :

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# 1.463 distlib 0.2.9.post0

## 1.463.1 Available under license :

A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.



In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

#### Footnotes:

- (1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.
- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived<br>from | Year      | Owner      | GPL-<br>compatible? (1) |
|----------------|-----------------|-----------|------------|-------------------------|
| 0.9.0 thru 1.2 |                 | 1991-1995 | CWI        | yes                     |
| 1.3 thru 1.5.2 | 1.2             | 1995-1999 | CNRI       | yes                     |
| 1.6            | 1.5.2           | 2000      | CNRI       | no                      |
| 2.0            | 1.6             | 2000      | BeOpen.com | no                      |
| 1.6.1          | 1.6             | 2001      | CNRI       | yes (2)                 |
| 2.1            | 2.0+1.6.1       | 2001      | PSF        | no                      |
| 2.0.1          | 2.0+1.6.1       | 2001      | PSF        | yes                     |
| 2.1.1          | 2.1+2.0.1       | 2001      | PSF        | yes                     |
| 2.2            | 2.1.1           | 2001      | PSF        | yes                     |
| 2.1.2          | 2.1.1           | 2002      | PSF        | yes                     |
| 2.1.3          |                 |           |            |                         |
| 2.1.2          | 2002            | PSF       | yes        |                         |
| 2.2.1          | 2.2             | 2002      | PSF        | yes                     |
| 2.2.2          | 2.2.1           | 2002      | PSF        | yes                     |
| 2.2.3          | 2.2.2           | 2003      | PSF        | yes                     |
| 2.3            | 2.2.2           | 2002-2003 | PSF        | yes                     |
| 2.3.1          | 2.3             | 2002-2003 | PSF        | yes                     |
| 2.3.2          | 2.3.1           | 2002-2003 | PSF        | yes                     |
| 2.3.3          | 2.3.2           | 2002-2003 | PSF        | yes                     |
| 2.3.4          | 2.3.3           | 2004      | PSF        | yes                     |
| 2.3.5          | 2.3.4           | 2005      | PSF        | yes                     |
| 2.4            | 2.3             | 2004      | PSF        | yes                     |
| 2.4.1          | 2.4             | 2005      | PSF        | yes                     |
| 2.4.2          | 2.4.1           | 2005      | PSF        | yes                     |
| 2.4.3          | 2.4.2           | 2006      | PSF        | yes                     |
| 2.4.4          | 2.4.3           | 2006      | PSF        | yes                     |
| 2.5            | 2.4             | 2006      | PSF        | yes                     |
| 2.5.1          | 2.5             | 2007      | PSF        | yes                     |
| 2.5.2          | 2.5.1           | 2008      | PSF        | yes                     |
| 2.5.3          | 2.5.2           | 2008      | PSF        | yes                     |
| 2.6            | 2.5             | 2008      | PSF        | yes                     |
| 2.6.1          | 2.6             | 2008      | PSF        | yes                     |
| 2.6.2          | 2.6.1           | 2009      | PSF        | yes                     |
| 2.6.3          | 2.6.2           | 2009      | PSF        | yes                     |
| 2.6.4          | 2.6.3           | 2009      | PSF        | yes                     |
| 2.6.5          | 2.6.4           | 2010      | PSF        | yes                     |
| 3.0            | 2.6             | 2008      | PSF        | yes                     |
| 3.0.1          | 3.0             | 2009      | PSF        | yes                     |
| 3.1            | 3.0.1           | 2009      | PSF        | yes                     |
| 3.1.1          | 3.1             | 2009      | PSF        | yes                     |
| 3.1.2          | 3.1             | 2010      | PSF        | yes                     |
| 3.2            | 3.1             | 2010      | PSF        | yes                     |

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
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| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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## 1.465 distlib 0.3.6

### 1.465.1 Available under license :

#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived<br>from | Year      | Owner      | GPL-<br>compatible? (1) |
|----------------|-----------------|-----------|------------|-------------------------|
| 0.9.0 thru 1.2 |                 | 1991-1995 | CWI        | yes                     |
| 1.3 thru 1.5.2 | 1.2             | 1995-1999 | CNRI       | yes                     |
| 1.6            | 1.5.2           | 2000      | CNRI       | no                      |
| 2.0            | 1.6             | 2000      | BeOpen.com | no                      |
| 1.6.1          | 1.6             | 2001      | CNRI       | yes (2)                 |
| 2.1            | 2.0+1.6.1       | 2001      | PSF        | no                      |
| 2.0.1          | 2.0+1.6.1       | 2001      | PSF        | yes                     |
| 2.1.1          | 2.1+2.0.1       | 2001      | PSF        | yes                     |
| 2.2            | 2.1.1           | 2001      | PSF        | yes                     |
| 2.1.2          | 2.1.1           | 2002      | PSF        | yes                     |
| 2.1.3          |                 |           |            |                         |
| 2.1.2          | 2002            | PSF       | yes        |                         |
| 2.2.1          | 2.2             | 2002      | PSF        | yes                     |
| 2.2.2          | 2.2.1           | 2002      | PSF        | yes                     |
| 2.2.3          | 2.2.2           | 2003      | PSF        | yes                     |
| 2.3            | 2.2.2           | 2002-2003 | PSF        | yes                     |
| 2.3.1          | 2.3             | 2002-2003 | PSF        | yes                     |
| 2.3.2          | 2.3.1           | 2002-2003 | PSF        | yes                     |
| 2.3.3          | 2.3.2           | 2002-2003 | PSF        | yes                     |
| 2.3.4          | 2.3.3           | 2004      | PSF        | yes                     |
| 2.3.5          | 2.3.4           | 2005      | PSF        | yes                     |
| 2.4            | 2.3             | 2004      | PSF        | yes                     |
| 2.4.1          | 2.4             | 2005      | PSF        | yes                     |
| 2.4.2          | 2.4.1           | 2005      | PSF        | yes                     |
| 2.4.3          | 2.4.2           | 2006      | PSF        | yes                     |
| 2.4.4          | 2.4.3           | 2006      | PSF        | yes                     |
| 2.5            | 2.4             | 2006      | PSF        | yes                     |
| 2.5.1          | 2.5             | 2007      | PSF        | yes                     |
| 2.5.2          | 2.5.1           | 2008      | PSF        | yes                     |
| 2.5.3          | 2.5.2           | 2008      | PSF        | yes                     |
| 2.6            | 2.5             | 2008      | PSF        | yes                     |
| 2.6.1          | 2.6             | 2008      | PSF        | yes                     |
| 2.6.2          | 2.6.1           | 2009      | PSF        | yes                     |
| 2.6.3          | 2.6.2           | 2009      | PSF        | yes                     |
| 2.6.4          | 2.6.3           | 2009      | PSF        | yes                     |
| 2.6.5          | 2.6.4           | 2010      | PSF        | yes                     |
| 3.0            | 2.6             | 2008      | PSF        | yes                     |
| 3.0.1          | 3.0             | 2009      | PSF        | yes                     |
| 3.1            | 3.0.1           | 2009      | PSF        | yes                     |
| 3.1.1          | 3.1             | 2009      | PSF        | yes                     |
| 3.1.2          | 3.1             | 2010      | PSF        | yes                     |
| 3.2            | 3.1             | 2010      | PSF        | yes                     |

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distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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localtime.go, localtime\_test.go:

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Changes:

- \* Renamed files from civil\* to localtime\*.
- \* Package changed from civil to toml.
- \* 'Local' prefix added to all structs.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative

work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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# 1.474 chardet 4.0.0

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user

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# 1.475 python3-asn1crypto 1.5.1

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# 1.476 pep517 0.5.0

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# 1.478 python-certifi 2022.12.07

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v

\$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.479 runc 1.1.5

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# 1.481 python-requests 2.28.2

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## 1.482 pyparsing 3.0.9

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# 1.483 pyasn1 0.4.8

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ASN.1 library for Python

-----  
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This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on [ASN.1 specification](https://www.itu.int/rec/dologin\_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

-----  
\*  
Generic implementation of ASN.1 types (X.208)  
\* Standards compliant BER/CER/DER codecs  
\* Dumps/loads ASN.1 structures from Python types  
\* 100% Python, works with Python 2.4 up to Python 3.7  
\* MT-safe  
\* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

-----  
ASN.1 solves the data serialisation problem. This solution was

designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>)  
by

Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
    id      INTEGER,
    room    [0] INTEGER OPTIONAL,
    house    [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house',

```

```
Integer(0).subtype(
    implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
)
)
)
...

```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```

```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>> print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
```

```

```

>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
'''

```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
'''

```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
    123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
'''

```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.org/project/pyasn1>).

If

something does not work as expected,

[open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or

post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>)

or try browsing pyasn1

[mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/type/tagmap.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/compat/dateandtime.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/codec/ber/encoder.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/debug.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/type/test_useful.py
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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/codec/native/test_encoder.py
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.. include:: .././LICENSE.rst

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ASN.1 library for Python

=====

.. toctree::

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Abstract Syntax Notation One (ASN.1

<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>) is a
technology for exchanging structured data in a universally understood,
hardware agnostic way. Many industrial, security and telephony
applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.org/project/pyasn1/>> library implements
ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <<https://developers.google.com/protocol-buffers/>> or `FlatBuffers` <<https://google.github.io/flatbuffers/>>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- * Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- * Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- * Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- * Signaling standards for the public switched telephone network (SS7 family)
- * Network management standards (SNMP, CMIP)
- * Directory standards (X.500 family, LDAP)
- * Public Key Infrastructure standards (X.509, etc.)
- * PBX control (CSTA)
- * IP-based Videoconferencing (H.323 family)
- * Biometrics (BIP, CBEFF, ACBio)
- * Intelligent transportation (SAE J2735)
- * Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the ``statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation

```
.. toctree::
    :maxdepth: 2

    /pyasn1/contents
```

Use case

```
.. toctree::
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    /example-use-case
```

Download & Install

```
.. toctree::
    :maxdepth: 2

    /download
```

Changes

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

..

toctree::

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/changelog

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.. toctree::

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Getting help

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>` _ and `PRs` <<https://github.com/etingof/pyasn1/pulls>>` _ at GitHub.

Alternatively, you could ask for help at

`Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>` _ or search

`pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>` _ mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems` <<http://www.oss.com/asn1/dubuisson.html>>` _ by Olivier Dubuisson

* `ASN.1 Complete` <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` _ by Prof John Larmouth

Here you can get the official standards which is hard to read:

* `ITU standards`

<<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>`_

On the other end of the readability spectrum, here is a quick and sweet write up:

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>`_
by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

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1.484 protobuf 3.21.6

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Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not

standalone and requires a support library to be linked with it. This support library is itself covered by the above license.
This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

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Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
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Gregory Kick <gak@google.com>

Patch contributors:

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- * Small patch to handle trailing slashes in --proto_path flag.

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- * Small patch to fix Python CallMethod().

Ulrich Kunitz <kune@deine-taler.de>

- * Small optimizations to Python serialization.

Leandro Lucarella <llucax@gmail.com>

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

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

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

Brian Atkinson <nairb774@gmail.com>

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

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

- * Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

- * Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

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

Oleg Smolsky <oleg.smolsky@gmail.com>

- * MS Visual Studio error format option.
- * Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>

- * gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

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

Wink Saville <wink@google.com>

- * Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

- * Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

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

Scott Stafford <scott.stafford@gmail.com>

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

Alexander Melnikov <alm@sibmail.ru>

- * HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- * Detect whether zlib is new enough in configure script.
- * Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

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

Michael Kucharski <m.kucharski@gmail.com>

- * Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.

- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- * Fixed minor IBM xLC compiler build issues

- * Added atomicops for AIX (POWER)

Nipunn Koorapati <nipunn1313@gmail.com>

- * Provide a type alias field ValueType

on EnumTypeWrapper

- * Match service argument names to abstract interface

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1.485 python-pip 19.2.3

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				

2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

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