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Contents

1.1 AnyEvent 7.05

1.1.1 Available under license

1.2 Apache Commons Lang 2.0

1.2.1 Notifications

1.2.2 Available under license

1.3 Apache Commons: Logging 1.0.3

1.3.1 Notifications

1.3.2 Available under license

1.4 Aquarium 2.2.1

1.4.1 Available under license

1.5 Archive::Zip 1.30

1.5.1 Available under license

1.6 B::Deobfuscate 0.20

1.6.1 Available under license

1.7 B::Deobfuscate 0.10

1.7.1 Available under license

1.8 B::Keywords 1.10

1.8.1 Available under license

1.9 B::Keywords 0.06

1.9.1 Available under license

1.10 bash 4.4.12

1.10.1 Available under license

1.11 BerkeleyDB-perl 0.49

1.11.1 Available under license

1.12 boto3 1.9.125

1.12.1 Available under license

- 1.13 Bouncy Castle 1.34**
 - 1.13.1 Available under license
- 1.14 Bouncy Castle 1.5**
 - 1.14.1 Available under license
- 1.15 BSD::Resource 1.2904**
 - 1.15.1 Available under license
- 1.16 BSD::Resource 1.2903**
 - 1.16.1 Available under license
- 1.17 cabby 0.1.20**
 - 1.17.1 Available under license
- 1.18 cheetah 1**
 - 1.18.1 Available under license
- 1.19 Codec 1.2**
 - 1.19.1 Notifications
 - 1.19.2 Available under license
- 1.20 common::sense 3.4**
 - 1.20.1 Available under license
- 1.21 Commons Collections 3.2.1**
 - 1.21.1 Available under license
- 1.22 Commons Collections 3.2.1**
 - 1.22.1 Available under license
- 1.23 commons-beanutils (DUPLICATE) 1.6.1**
 - 1.23.1 Notifications
 - 1.23.2 Available under license
- 1.24 commons-beanutils (DUPLICATE) 1.6.1**
 - 1.24.1 Available under license
- 1.25 Compress::Raw::Bzip2 2.037**
 - 1.25.1 Available under license
- 1.26 Compress::Raw::Zlib 2.037**
 - 1.26.1 Available under license
- 1.27 Compress::Zlib 1.33**
 - 1.27.1 Available under license
- 1.28 Convert::Bencode_XS 1.03**
 - 1.28.1 Available under license
- 1.29 Convert::Bencode_XS 0.06**
 - 1.29.1 Available under license
- 1.30 curl 7.31.0**
 - 1.30.1 Available under license
- 1.31 curl 7.55.1 :1ubuntu2.4**

1.31.1 Available under license
1.32 dcc 1.2.58
1.32.1 Available under license
1.33 Digest::HMAC 1.01
1.33.1 Available under license
1.34 Digest::SHA1 2.10
1.34.1 Available under license
1.35 exchangelib 1.12.1
1.35.1 Available under license
1.36 Expat 2.2.1
1.36.1 Available under license
1.37 ffs2recov 1.0
1.38 file 5.29
1.38.1 Available under license
1.39 File::LibMagic 1.84
1.39.1 Available under license
1.40 File::Sync 0.09
1.40.1 Available under license
1.41 fpconst 0.7.2
1.41.1 Available under license
1.42 fpdf 1.7.2
1.42.1 Available under license
1.43 FreeBSD Kernel 10.4
1.43.1 Available under license
1.44 fuzzywuzzy 0.10.0
1.44.1 Available under license
1.45 Getopt::ArgvFile 1.11
1.45.1 Available under license
1.46 gettext 0.19.8.1 :2
1.46.1 Available under license
1.47 glib2 2.36.3 :5.e17
1.47.1 Available under license
1.48 HTML::Parser 3.64
1.48.1 Available under license
1.49 HTML::Tagset 3.20
1.49.1 Available under license
1.50 HttpClient 3.0.1
1.50.1 Available under license
1.51 indexinfo 0.2.6

- 1.51.1 Available under license
- 1.52 IO::Compress 2.037**
- 1.52.1 Available under license
- 1.53 IO::String 1.06**
- 1.53.1 Available under license
- 1.54 IPMItool 1.8.9**
- 1.54.1 Available under license
- 1.55 jansson 2.5**
- 1.55.1 Available under license
- 1.56 java-getopt 1.0.9**
- 1.56.1 Available under license
- 1.57 json-c 0.13**
- 1.57.1 Available under license
- 1.58 json-c 0.12**
- 1.58.1 Available under license
- 1.59 jzlib 1.0.7**
- 1.59.1 Available under license
- 1.60 langdetect 1.0.5**
- 1.60.1 Available under license
- 1.61 Lasso 2.5.1**
- 1.61.1 Available under license
- 1.62 libarchive 3.3.1-r1**
- 1.62.1 Available under license
- 1.63 libarchive 3.3.1 :1**
- 1.63.1 Available under license
- 1.64 libev 4.03**
- 1.64.1 Available under license
- 1.65 libevent2 2.0.21 :2.el6**
- 1.65.1 Available under license
- 1.66 libexecinfo 1.1 :3**
- 1.66.1 Available under license
- 1.67 libffi 3.2.1 :4**
- 1.67.1 Available under license
- 1.68 libgcrypt 1.8.0**
- 1.68.1 Available under license
- 1.69 libgpg-error0 1.27 :r0.0**
- 1.69.1 Available under license
- 1.70 libiconv 1.14_10**
- 1.70.1 Available under license

- 1.71 libidn 1.33**
 - 1.71.1 Available under license
- 1.72 libpng 1.2.35**
 - 1.72.1 Available under license
- 1.73 libtool 2.4.6**
 - 1.73.1 Available under license
- 1.74 libwww 5.4.0 :3.0.2.0903352**
 - 1.74.1 Available under license
- 1.75 libxslt 1.1.29**
 - 1.75.1 Available under license
- 1.76 Log4j 1.2.6**
 - 1.76.1 Notifications
 - 1.76.2 Available under license
- 1.77 Isof 4.90**
- 1.78 Isof 4.71**
 - 1.78.1 Notifications
 - 1.78.2 Available under license
- 1.79 lucene-core 6.2.1**
 - 1.79.1 Available under license
- 1.80 Izo 2.10**
 - 1.80.1 Available under license
- 1.81 ncurses 6.0 :3**
 - 1.81.1 Available under license
- 1.82 net-snmp 5.7.1**
 - 1.82.1 Available under license
- 1.83 Net::DNS 0.48**
 - 1.83.1 Available under license
- 1.84 NetAddr::IP 4.024**
 - 1.84.1 Available under license
- 1.85 nginx 1.12.1**
 - 1.85.1 Available under license
- 1.86 nss 3.32**
 - 1.86.1 Available under license
- 1.87 One-JAR 0.96**
 - 1.87.1 Available under license
- 1.88 openldap 2.3.43**
 - 1.88.1 Available under license
- 1.89 openldap 2.4.40 :(2014/09/20)**
 - 1.89.1 Available under license

- 1.90 openldap/nss-pam-ldapd 2.4.40**
 - 1.90.1 Available under license
- 1.91 OpenSSH 7.3p1**
 - 1.91.1 Available under license
- 1.92 OpenSSL 1.0.2m**
 - 1.92.1 Notifications
 - 1.92.2 Available under license
- 1.93 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0**
 - 1.93.1 Notifications
 - 1.93.2 Available under license
- 1.94 org.ibex.crypto 2010-10-10**
 - 1.94.1 Available under license
- 1.95 org.ibex.io 2010-10-10**
 - 1.95.1 Available under license
- 1.96 org.ibex.net 2010-10-10**
 - 1.96.1 Available under license
- 1.97 org.ibex.util 2010-10-10**
 - 1.97.1 Available under license
- 1.98 PAR 1.002**
 - 1.98.1 Available under license
- 1.99 PAR::Packer 1.008**
 - 1.99.1 Available under license
- 1.100 PCRE 8.40**
 - 1.100.1 Available under license
- 1.101 Perl 5.8.9**
 - 1.101.1 Available under license
- 1.102 Perl 5.24**
 - 1.102.1 Available under license
- 1.103 perl-Frontier-RPC 0.07b4p1 :9.el6**
 - 1.103.1 Available under license
- 1.104 pkgconf 1.3.7**
 - 1.104.1 Available under license
- 1.105 postgresql 9.2.22**
 - 1.105.1 Available under license
- 1.106 protobuf 2.2.0**
 - 1.106.1 Available under license
- 1.107 PyJWT 1.5.3**
 - 1.107.1 Available under license
- 1.108 python 2.6.4**

1.108.1 Available under license
1.109 python-Levenshtein 0.12.0
1.109.1 Available under license
1.110 python2-stix 1.2.0.4
1.110.1 Available under license
1.111 PyXML 0.8.2
1.111.1 Available under license
1.112 regex 1.1
1.112.1 Notifications
1.112.2 Available under license
1.113 regex 1.1
1.113.1 Notifications
1.113.2 Available under license
1.114 ReportLab 2.4
1.114.1 Available under license
1.115 requests 2.9.1
1.115.1 Available under license
1.116 rsa 3.3
1.116.1 Available under license
1.117 SHA1 0.1
1.117.1 Available under license
1.118 simplejson 2.0.9
1.118.1 Available under license
1.119 Sleepycat 4.4.20
1.119.1 Available under license
1.120 smartmontools 6.5
1.120.1 Available under license
1.121 SOAPpy 0.12.0
1.121.1 Available under license
1.122 srm 1.2.15
1.122.1 Available under license
1.123 SSL_dane 1.0
1.124 stunnel 5.03 5.03
1.124.1 Available under license
1.125 sudo 1.7.4p4
1.125.1 Available under license
1.126 sudo_BSD 1.7.4p4
1.126.1 Available under license
1.127 swig 3.0.12

- 1.127.1 Available under license
- 1.128 tagsoup 1.2.1**
 - 1.128.1 Available under license
- 1.129 timeout-decorator 0.4.1**
- 1.130 TinySSL 1.03**
 - 1.130.1 Available under license
- 1.131 tzdata 2017b-1**
 - 1.131.1 Available under license
- 1.132 udns 0.4**
 - 1.132.1 Available under license
- 1.133 unbound 1.7.0**
 - 1.133.1 Available under license
- 1.134 unbound 1.8.1**
 - 1.134.1 Available under license
- 1.135 URI 1.37**
 - 1.135.1 Available under license
- 1.136 velocity 1.5**
 - 1.136.1 Available under license
- 1.137 version 0.78**
 - 1.137.1 Available under license
- 1.138 YAML 0.35**
 - 1.138.1 Available under license
- 1.139 YUI 2.8.0**
 - 1.139.1 Available under license

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1.17 cabby 0.1.20

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1.23 commons-beanutils (DUPLICATE) 1.6.1

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

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```
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.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program 'Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005
```

```
Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler
```

```
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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

*/

1.27 Compress::Zlib 1.33

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

1.28 Convert::Bencode_XS 1.03

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```
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```

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```

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Ty Coon, President of Vice

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1.30 curl 7.31.0

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1.31 curl 7.55.1 :1ubuntu2.4

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=====

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Upstream-Name: curl
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```
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# * Version: 1.7.1 *
# * Date: 2010-09-10 *
# * Last update: 2012-08-16 *
# * License: LGPL v3.0 *
# *
# * Original Author (PHP): Olivier PLATHEY 2004-12-31 *
# * Ported to Python 2.4 by Max (maxpat78@yahoo.it) on 2006-05 *
# * Maintainer: Mariano Reingart (reingart@gmail.com) et al since 2008 est. *
# * NOTE: 'I' and 'D' destinations are disabled, and simply print to STDOUT *
# *****
```

1.43 FreeBSD Kernel 10.4

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```
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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision

3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and pistream
classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk,
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
except the first one, were first implemented in the Buildtool project.
They were later adapted to be part of Boost.Process and, during that
process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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Julian Seward, jseward@bzip.org
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- */

```
typedef uint8_t byte;
typedef uint16_t word;
typedef uint32_t dword;
typedef uint64_t qword;

typedef struct SMBiosTableEntry {
```

```

byte anchorString[4];
byte checksum;
byte length;
byte majorVersion;
byte minorVersion;
word maximumStructureSize;
byte entryPointRevision;
byte formattedArea[5];
byte DMIAncorString[5];
byte intermediateChecksum;
word structureTableLength;
dword structureTableAddress;
word numberStructures;
byte BCDRevision;
} SMBiosTableEntry;

typedef struct StructureHeader {
    byte type;
    byte length;
    word handle;
} StructureHeader;

typedef struct BiosInformation {
    byte type;
    byte length;
    word handle;
    byte vendor;
    byte biosVersion;
    word biosStartingAddressSegment;
    byte biosReleaseDate;
    byte biosROMSize;
    qword biosCharacteristics;
    byte biosCharacteristicsExtension;
} BiosInformation;

typedef struct SystemInformation {
    byte type;
    byte length;
    word handle;
    byte manufacturer;
    byte productName;
    byte version;
    byte serialNumber;
    byte uuid[16];
    byte wakeupType;
} SystemInformation;

typedef struct SystemEnclosure {

```

```
byte type;
byte length;
word handle;
byte manufacturer;
byte enclosureType;
byte version;
byte serialNumber;
byte assetTag;
byte bootupState;
byte powerSupplyState;
byte thermalState;
byte securityStatus;
dword oem;
} SystemEnclosure;
```

```
typedef struct ProcessorInformation {
    byte type;
    byte length;
    word handle;
    byte socketDesignation;
    byte processorType;
    byte processorFamily;
    byte processorManufacturer;
    qword processorID;
    byte processorVersion;
    byte voltage;
    word externalClock;
    word maxSpeed;
    word currentSpeed;
    byte status;
    byte processorUpgrade;
    word l1CacheHandle;
    word l2CacheHandle;
    word l3CacheHandle;
    byte serialNumber;
    byte assetTag;
} ProcessorInformation;
```

```
typedef struct CacheInformation {
    byte type;
    byte length;
    word handle;
    byte socketDesignation;
    word cacheConfiguration;
    word maxCacheSize;
    word installedSize;
    word supportedSRAMSize;
    word currentSRAMSize;
```

```
byte cacheSpeed;
byte errorCorrectionType;
byte systemCacheType;
byte associativity;
} __attribute__((packed)) CacheInformation;
```

```
typedef struct PortConnectorInformation {
    byte type;
    byte length;
    word handle;
    byte internalReference;
    byte internalType;
    byte externalReference;
    byte externalType;
    byte portType;
} PortConnectorInformation;
```

```
typedef struct SystemSlots {
    byte type;
    byte length;
    word handle;
    byte slotDesignation;
    byte slotType;
    byte slotDataBusWidth;
    byte currentUsage;
    byte slotLength;
    word slotID;
    byte slotCharacteristics1;
    byte slotCharacteristics2;
} SystemSlots;
```

```
typedef struct OEMStrings {
    byte type;
    byte length;
    word handle;
    byte count;
} OEMStrings;
```

```
typedef struct SystemConfigurationOptions {
    byte type;
    byte length;
    word handle;
    byte count;
} SystemConfigurationOptions;
```

```
typedef struct BIOSLanguageInformation {
    byte type;
    byte length;
```



```

    word handle;
    byte installableLanguages;
    byte flags;
    byte reserved[15];
    byte currentLanguage;
} BIOSLanguageInformation;

typedef struct PhysicalMemoryArray {
    byte type;
    byte length;
    word handle;
    byte location;
    byte use;
    byte memoryErrorCorrections;
    dword maximumCapacity;
    word memoryErrorHandle;
    word numberMemoryDevices;
} PhysicalMemoryArray;

typedef struct MemoryDevice {
    byte type;
    byte length;
    word handle;
    word memoryArrayHandle;
    word memoryErrorHandle;
    word totalWidth;
    word dataWidth;
    word size;
    byte formFactor;
    byte deviceSet;
    byte deviceLocator;
    byte bankLocator;
    byte memoryType;
    word typeDetail;
    word speed;
    byte manufacturer;
    byte serialNumber;
    byte assetTag;
    byte partNumber;
} __attribute__((packed)) MemoryDevice;

typedef struct IPMIDevice {
    byte type;
    byte length;
    word handle;
    byte interfaceType;
    byte specRevision;
    byte i2cSlaveAddress;

```

```

    byte NVStorageDeviceAddress;
    qword baseAddress;
    byte baseAddressModifier;
    byte interruptNumber;
} IPMIDevice;

typedef struct GetIPMIinfo {
    int kcs_mode;
    int smic_mode;
    qword address;
    int offset;
    int io_mode;
} GetIPMIinfo;

typedef struct IndexedIO {
    byte type;
    byte length;
    word handle;
    word index;
    word data;
    int reserved;
    byte startToken;
} IndexedIO;

typedef struct Token {
    word id;
    byte location;
    byte maskAnd;
    byte maskOr;
} __attribute__((packed)) Token;

#define TOKEN_NOOP 0x0000
#define TOKEN_REMOTE_BIOS_ENABLE 0x005c
#define TOKEN_REMOTE_BIOS_DISABLE 0x005d

typedef struct RemoteBIOSUpdate {
    byte type;
    byte length;
    word handle;
    word size;
    word completionCode;
    byte year;
    byte month;
    byte day;
    byte hour;
    byte minute;
} RemoteBIOSUpdate;

```

```

typedef struct RemoteBIOSStatus {
    char minVersion[4];
    char version[4];
    char vendor[1024];
    char manufacturer[1024];
    word systemid;
    byte enable;
    byte disable;
    word size;
    word completionCode;
    byte year;
    byte month;
    byte day;
    byte hour;
    byte minute;
} RemoteBIOSStatus;

extern void Unknownproc(byte *p, char **table);
extern void t0proc(byte *p, char **table);
extern void t0procStatus(byte *p, char **table, RemoteBIOSStatus *status);
extern void t1proc(byte *p, char **table);
extern void t1procStatus(byte *p, char **table, RemoteBIOSStatus *status);
extern void t3proc(byte *p, char **table);
extern void t4proc(byte *p, char **table);
extern void t7proc(byte *p, char **table);
extern void t8proc(byte *p, char **table);
extern void t9proc(byte *p, char **table);
extern void t10proc(byte *p, char **table);
extern void t11proc(byte *p, char **table);
extern void t11procStatus(byte *p, char **table, RemoteBIOSStatus *status);
extern void t12proc(byte *p, char **table);
extern void t13proc(byte *p, char **table);
extern void t16proc(byte *p, char **table);
extern void t17proc(byte *p, char **table);
extern void t18proc(byte *p, char **table);
extern void t19proc(byte *p, char **table);
extern void t20proc(byte *p, char **table);
extern void t38proc(byte *p, char **table);
extern void t38procInfo(byte *p, char **table, GetIPMIinfo *info);
extern void t126proc(byte *p, char **table);
extern void t127proc(byte *p, char **table);
extern void t212proc(byte *p, char **table); /* D4 */
extern void t212procStatus(byte *p, char **table, RemoteBIOSStatus *status);
extern void t212procEnableBiosUpdate(byte *p, char **table,
    RemoteBIOSStatus *status);
extern void t222proc(byte *p, char **table); /* DE */
extern void t222procStatus(byte *p, char **table, RemoteBIOSStatus *status);

```

```
extern char *MapConnectorType(byte type);
extern char *MapPortType(byte type);
extern void VerboseDump(byte *p, char **table);
extern char *get_strings(char *p, char **table);
extern char *copy_string_trimmed(const char *s);
extern void init_table(void);
extern void dump_table(byte *p, int numentries);
extern void init_table_status(void);
extern void dump_table_status(byte *p, int numentries,
    RemoteBIOSStatus *status);
extern void init_table_update_bios(void);
extern void init_table_get_ipmi(void);
extern void set_verbose(int value);
```

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```
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* @version 3.0 (December 2000)

*

* Optimised ANSI C code for the Rijndael cipher (now AES)

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

* @author Paulo Barreto <paulo.barreto@terra.com.br>

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/* \$Id: bsd-setres_id.h,v 1.1 2012/11/05 06:04:37 dtucker Exp \$ */

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*/
```

```
#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
```

```
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
```

```
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */
```

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```

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```
*/
```

```
/* OPENBSD ORIGINAL: sys/sys/poll.h */
```

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
```

```

#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
/* $Id: bsd-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring Exp $ */

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*  
*/
```

```
#ifndef _BSD_WAITPID_H  
#define _BSD_WAITPID_H
```

```
#ifndef HAVE_WAITPID  
/* Clean out any potential issues */  
#undef WIFEXITED  
#undef WIFSTOPPED  
#undef WIFSIGNALED
```

```
/* Define required functions to mimic a POSIX look and feel */  
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */  
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))  
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)  
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))  
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)  
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)  
#define WCOREFLAG 0x80  
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)
```

```
/* Prototype */  
pid_t waitpid(int, int *, int);
```

```
#endif /* !HAVE_WAITPID */  
#endif /* _BSD_WAITPID_H */
```

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LZ4 - Fast LZ compression algorithm

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1.44 fuzzywuzzy 0.10.0

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1.45 Getopt::ArgvFile 1.11

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1.46 gettext 0.19.8.1 :2

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1.47 glib2 2.36.3 :5.e17

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1.48 HTML::Parser 3.64

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```
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That's all there is to it!

1.50 HttpClient 3.0.1

1.50.1 Available under license :

Apache License

Version 2.0, January 2004

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1.57 json-c 0.13

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1.58 json-c 0.12

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1.59 jzlib 1.0.7

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```
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```

```
/*
```

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```
*/
```

```
/*
```

```
* This program is based on zlib-1.1.3, so all credit should go authors
```

```
* Jean-loup Gailly(jloup@gzip.org) and Mark Adler(madler@alumni.caltech.edu)
```

```
* and contributors of zlib.
```

```
*/
```

```
package com.jcraft.jzlib;
```

```
final class Adler32{
```

```
    // largest prime smaller than 65536
```

```
    static final private int BASE=65521;
```

```
    // NMAX is the largest n such that 255n(n+1)/2 + (n+1)(BASE-1) <= 2^32-1
```

```
    static final private int NMAX=5552;
```

```
    long adler32(long adler, byte[] buf, int index, int len){
```

```

if(buf == null){ return 1L; }

long s1=adler&0xffff;
long s2=(adler>>16)&0xffff;
int k;

while(len > 0) {
    k=len<NMAX?len:NMAX;
    len-=k;
    while(k>=16){
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        k-=16;
    }
    if(k!=0){
        do{
            s1+=buf[index++]&0xff; s2+=s1;
        }
        while(--k!=0);
    }
    s1%=BASE;
    s2%=BASE;
}
return (s2<<16)|s1;
}

/*
private java.util.zip.Adler32 adler=new java.util.zip.Adler32();
long Adler32(long value, byte[] buf, int index, int len){
    if(value==1) { adler.reset();}
    if(buf==null) { adler.reset();}
    else{ adler.update(buf, index, len);}
    return adler.getValue();
}

```

```
*/  
}
```

1.60 langdetect 1.0.5

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language-detection license

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1.61 Lasso 2.5.1

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1.64 libev 4.03

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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.

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 from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) 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 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.

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.

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```
<one line to give the library's name and a brief idea of what it does.>  
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That's all there is to it!

1.70 libiconv 1.14_10

1.70.1 Available under license :

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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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.

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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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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- 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.

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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.)

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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

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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.
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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.>

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Ty Coon, President of Vice

That's all there is to it!

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1.81 ncurses 6.0 :3

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1.82 net-snmp 5.7.1

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1.89 openldap 2.4.40 :(2014/09/20)

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*
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*
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/* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL
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 * Modified by Attaullah Baig (abaig@paypal.com) to wrap/unwrap any
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```
<one line to give the program's name and a brief idea of what it does.>  
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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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1.99 PAR::Packer 1.008

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```

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```

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

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 commands you use may 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 a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

1.100 PCRE 8.40

1.100.1 Available under license :

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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

abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."
build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>
version: 1.4
name: Module-Build
resources:

MailingList: <mailto:module-build@perl.org>
license: <http://dev.perl.org/licenses/>
repository: <http://github.com/dagolden/module-build/>
version: 3

1.103 perl-Frontier-RPC 0.07b4p1 :9.e16

1.103.1 Available under license :

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1.104 pkgconf 1.3.7

1.104.1 Available under license :

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1.105 postgresql 9.2.22

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```
diff -c -r bsd_indent/Makefile pg_bsd_indent/Makefile
*** bsd_indent/Makefile Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/Makefile Wed Oct 12 12:17:12 2011
*****
*** 2,10 ****
# Makefile
#
#
! TARGET = indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -g
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
--- 2,10 ----
# Makefile
#
#
! TARGET = pg_bsd_indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -O
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
*****
*** 31,37 ****
clean:
```

```
rm -f *.o $(TARGET) log core
```

```
! install:
```

```
! make clean
```

```
! make CFLAGS=-O
```

```
install -s -o bin -g bin $(TARGET) /usr/local/bin
```

```
--- 31,35 ----
```

```
clean:
```

```
rm -f *.o $(TARGET) log core
```

```
! install: $(TARGET)
```

```
install -s -o bin -g bin $(TARGET) /usr/local/bin
```

```
diff -c -r bsd_indent/README pg_bsd_indent/README
```

```
*** bsd_indent/README Wed Oct 26 17:13:34 2011
```

```
--- pg_bsd_indent/README Mon Nov 14 19:30:24 2005
```

```
*****
```

```
*** 1,3 ****
```

```
--- 1,13 ----
```

```
+
```

```
+ This patch is from NetBSD current, 2005-11-14. It contains all the  
+ patches need for its use in PostgreSQL.
```

```
+
```

```
+ bjm
```

```
+
```

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

```
+
```

```
+
```

```
+
```

```
This is the C indenter, it originally came from the University of Illinois  
via some distribution tape for PDP-11 Unix. It has subsequently been  
hacked upon by James Gosling @ CMU. It isn't very pretty, and really needs  
diff -c -r bsd_indent/args.c pg_bsd_indent/args.c
```

```
*** bsd_indent/args.c Wed Oct 26 17:13:34 2011
```

```
--- pg_bsd_indent/args.c Wed Oct 26 17:16:56 2011
```

```
*****
```

```
*** 83,88 ****
```

```
--- 83,90 ----
```

```
#include <string.h>
```

```
#include "indent_globs.h"
```

```
+ #define INDENT_PG_VERSION "1.1"
```

```
+
```

```
/* profile types */
```

```
#define PRO_SPECIAL 1 /* special case */
```

```
#define PRO_BOOL 2 /* boolean */
```

```
*****
```

```
*** 99,106 ****
```

```
--- 101,113 ----
```

```

#define STDIN 3 /* use stdin */
#define KEY 4 /* type (keyword) */

+ #define KEY_FILE 5 /* only used for args */
+ #define VERSION 6 /* only used for args */
+
char *option_source = "?";

+ void add_typedefs_from_file(char *str);
+
/*
* N.B.: because of the way the table here is scanned, options whose names are
* substrings of other options must occur later; that is, with -lp vs -l, -lp
*****
*** 118,123 ****
--- 125,136 ----
    "T", PRO_SPECIAL, 0, KEY, 0
    },
    {
+ "U", PRO_SPECIAL, 0, KEY_FILE, 0
+ },
+ {
+ "V", PRO_SPECIAL, 0, VERSION, 0
+ },
+ {
    "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
    },
    {
*****
*** 425,430 ****
--- 438,456 ----
    }
    break;

+ case KEY_FILE:
+ if (*param_start == 0)
+ goto need_param;
+ add_typedefs_from_file(param_start);
+ break;
+
+ case VERSION:
+ {
+ printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+ exit(0);
+ }
+ break;
+
default:

```



```

    fprintf(stderr, "\
indent: set_option: internal error: p_special %d\n", p->p_special);
*****
*** 459,461 ****
--- 485,508 ----
    exit(1);
}
}
+
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+ FILE *file;
+ char line[BUFSIZ];
+
+ if ((file = fopen(param_start, "r")) == NULL)
+ {
+ fprintf(stderr, "indent: cannot open file %s\n", str);
+ exit(1);
+ }
+ while ((fgets(line, BUFSIZ, file)) != NULL)
+ {
+ /* Remove trailing whitespace */
+ *(line + strcspn(line, "\t\n\r")) = '\0';
+ addkey(strdup(line), 4);
+ }
+ fclose(file);
+ }
Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o
diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
*****
*** 239,245 ****
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! #define STACK_SIZE 150

EXTERN struct parser_state {
    int last_token;
--- 239,249 ----
    scomf, /* Same line comment font */
    bodyf; /* major body font */

```

```

!/*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

EXTERN struct parser_state {
    int last_token;
Only in pg_bsd_indent: io.o
diff -c -r bsd_indent/lexi.c pg_bsd_indent/lexi.c
*** bsd_indent/lexi.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/lexi.c Mon Nov 14 19:30:24 2005
*****
*** 93,99 ****
    int rwd;
};

! struct templ specials[1000] =
{
    {"switch", 1},
    {"case", 2},
--- 93,99 ----
    int rwd;
};

! struct templ specials[16384] =
{
    {"switch", 1},
    {"case", 2},
*****
*** 622,629 ****
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! return; /* For now, table overflows are silently
! * ignored */
    p->rwd = key;
    p->rwdcode = val;
    p[1].rwd = 0;
--- 622,632 ----
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! {
! fprintf(stderr, "indent: typedef table overflow\n");
! exit(1);
! }
!

```

```

p->rwd = key;
p->rwcode = val;
p[1].rwd = 0;
Only in pg_bsd_indent: lexi.o
diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c
*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
*****
*** 231,236 ****
--- 231,241 ----

    } /* end of switch */

+ if (ps.tos >= STACK_SIZE) {
+     fprintf(stderr, "indent: stack size overflow\n");
+     exit(1);
+ }
+
+     reduce(); /* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o
diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
*****
*** 148,154 ****
    ps.box_com = true;
    ps.com_col = 1;
    } else {
!   if (*buf_ptr == '-' || *buf_ptr == '*' || *buf_ptr == '\n') {
        ps.box_com = true; /* a comment with a '-', '*'
            * or newline immediately
            * after the start comment is
--- 148,158 ----
    ps.box_com = true;
    ps.com_col = 1;
    } else {
! /*
!  * Don't process '\n' or every comment is treated as a
!  * block comment, meaning there is no wrapping.
!  */
!   if (*buf_ptr == '-' || *buf_ptr == '*') {
        ps.box_com = true; /* a comment with a '-', '*'
            * or newline immediately
            * after the start comment is
*****
*** 328,333 ****

```

```

--- 332,350 ----
    goto end_of_comment;
    }
} while (*buf_ptr == ' ' || *buf_ptr == '\t');
+
+ /*
+  * If there is a blank comment line, we need to prefix
+  * the line with the same three spaces that "/* " takes up.
+  * Without this code, blank stard lines in comments have
+  * three too-many characters on the line when wrapped.
+  */
+ if (s_com == e_com) {
+     *e_com++ = ' '; /* add blanks for continuation */
+     *e_com++ = ' ';
+     *e_com++ = ' ';
+     now_col += 3;
+ }
} else
    if (++buf_ptr >= buf_end)
        fill_buffer();

```

Only in pg_bsd_indent: pr_comment.o

PostgreSQL Database Management System

(formerly known as Postgres, then as Postgres95)

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<HTML

><HEAD

```

<<META
NAME="GENERATOR"
CONTENT="Modular DocBook HTML Stylesheet Version 1.79"><LINK
REV="MADE"
HREF="mailto:pgsql-docs@postgresql.org"><LINK
REL="HOME"
TITLE="PostgreSQL 9.2.22 Documentation"
HREF="index.html"><LINK
REL="NEXT"
TITLE="Preface"
HREF="preface.html"><LINK
REL="STYLESHEET"
TYPE="text/css"
HREF="stylesheet.css"><META
HTTP-EQUIV="Content-Type"
CONTENT="text/html; charset=ISO-8859-1"><META
NAME="creation"
CONTENT="2017-08-07T21:43:39"></HEAD
<<BODY
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CLASS="NAVHEADER"
<<TABLE
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CELLSPACING="0"
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>PostgreSQL 9.2.22 Documentation</A
<</TH
<</TR
<</TABLE
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<<DIV
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<<A
NAME="LEGALNOTICE"
<</A
<<P
<<B

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>PostgreSQL</SPAN
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WIDTH="100%"><TABLE
SUMMARY="Footer navigation table"

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VALIGN="top"
>&nbsp;</TD
<<TD
WIDTH="34%"
ALIGN="center"
VALIGN="top"
<<A
HREF="index.html"
ACCESSKEY="H"
>Home</A
<</TD
<<TD
WIDTH="33%"
ALIGN="right"
VALIGN="top"
>&nbsp;</TD
<</TR
<</TABLE
<</DIV
<</BODY
<</HTML
>
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"http://www.w3.org/TR/html4/loose.dtd">
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<<META
NAME="GENERATOR"
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REV="MADE"
HREF="mailto:pgsql-docs@postgresql.org"><LINK
REL="HOME"
TITLE="PostgreSQL 9.2.22 Documentation"
HREF="index.html"><LINK
REL="UP"
TITLE="libpq - C Library"
HREF="libpq.html"><LINK
REL="PREVIOUS"

```

```

TITLE="Miscellaneous Functions"
HREF="libpq-misc.html"><LINK
REL="NEXT"
TITLE="Event System"
HREF="libpq-events.html"><LINK
REL="STYLESHEET"
TYPE="text/css"
HREF="stylesheet.css"><META
HTTP-EQUIV="Content-Type"
CONTENT="text/html; charset=ISO-8859-1"><META
NAME="creation"
CONTENT="2017-08-07T21:43:39"></HEAD
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>PostgreSQL 9.2.22 Documentation</A
<</TH
<</TR
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VALIGN="top"
<<A
TITLE="Miscellaneous Functions"
HREF="libpq-misc.html"
ACCESSKEY="P"
>Prev</A
<</TD
<<TD
WIDTH="10%"
ALIGN="left"
VALIGN="top"
<<A

```



```

    HREF="libpq.html"
    ACCESSKEY="U"
  >Up</A
<</TD
><TD
WIDTH="60%"
ALIGN="center"
VALIGN="bottom"
>Chapter 31. <SPAN
CLASS="APPLICATION"
>libpq</SPAN
> - C Library</TD
><TD
WIDTH="20%"
ALIGN="right"
VALIGN="top"
><A
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HREF="libpq-events.html"
ACCESSKEY="N"
>Next</A
<</TD
<</TR
<</TABLE
><HR
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WIDTH="100%"></DIV
><DIV
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><H1
CLASS="SECT1"
><A
NAME="LIBPQ-NOTICE-PROCESSING"
>31.12. Notice Processing</A
></H1
><P
> Notice and warning messages generated by the server are not returned
  by the query execution functions, since they do not imply failure of
  the query. Instead they are passed to a notice handling function, and
  execution continues normally after the handler returns. The default
  notice handling function prints the message on
  <TT
CLASS="FILENAME"
>stderr</TT
>, but the application can override this
  behavior by supplying its own handling function.
  </P
><P

```

> For historical reasons, there are two levels of notice handling, called the notice receiver and notice processor. The default behavior is for the notice receiver to format the notice and pass a string to the notice processor for printing. However, an application that chooses to provide its own notice receiver will typically ignore the notice processor layer and just do all the work in the notice receiver.

</P>

><P>

> The function <CODE
CLASS="FUNCTION"
>PQsetNoticeReceiver</CODE
>

sets or
examines the current notice receiver for a connection object.

Similarly, <CODE
CLASS="FUNCTION"
>PQsetNoticeProcessor</CODE
>

sets or
examines the current notice processor.

</P><PRE
CLASS="SYNOPSIS"
>typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);

PQnoticeReceiver
PQsetNoticeReceiver(PGconn *conn,
PQnoticeReceiver proc,
void *arg);

typedef void (*PQnoticeProcessor) (void *arg, const char *message);

PQnoticeProcessor
PQsetNoticeProcessor(PGconn *conn,
PQnoticeProcessor proc,
void *arg);</PRE

><P>

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.

</P>

><P>

> When a notice or warning message is received from the server, or generated internally by <SPAN

```

CLASS="APPLICATION"
>libpq</SPAN
>, the notice
    receiver function is called. It is passed the message in the form of
    a <TT
CLASS="SYMBOL"
>PGRES_NONFATAL_ERROR</TT
>
    <TT
CLASS="STRUCTNAME"
>PGresult</TT
>. (This allows the receiver to extract
    individual fields using <CODE
CLASS="FUNCTION"
>PQresultErrorField</CODE
>, or the complete
    preformatted message using <CODE
CLASS="FUNCTION"
>PQresultErrorMessage</CODE
>.) The same
    void pointer passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeReceiver</CODE
> is also
    passed. (This pointer can be used to access application-specific state
    if needed.)
</P
><P
> The default notice receiver simply extracts the message (using
    <CODE
CLASS="FUNCTION"
>PQresultErrorMessage</CODE
>) and passes it to the notice
    processor.
</P
><P
> The notice processor is responsible for handling a notice or warning
    message given in text form. It is passed the string text of the message
    (including a trailing newline), plus a void pointer that is the same
    one passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeProcessor</CODE
>. (This pointer
    can be used to access application-specific state if needed.)
</P
><P
> The default notice processor is simply:
</P><PRE

```

```

CLASS="PROGRAMLISTING"
>static void
defaultNoticeProcessor(void *arg, const char *message)
{
    fprintf(stderr, "%s", message);
}</PRE>
</P>
</P>
<P>
> Once you have set a notice receiver or processor, you should expect
that that function could be called as long as either the
<TT>
CLASS="STRUCTNAME"
>PGconn</TT>
> object or <TT>
CLASS="STRUCTNAME"
>PGresult</TT>
> objects made
from it exist. At creation of a <TT>
CLASS="STRUCTNAME"
>PGresult</TT>
>, the
<TT>
CLASS="STRUCTNAME"
>PGconn</TT>
>'s current notice handling pointers are copied
into the <TT>
CLASS="STRUCTNAME"
>PGresult</TT>
> for possible use by functions like
<CODE>
CLASS="FUNCTION"
>PQgetvalue</CODE>
>.
</P>
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<year>1996-2017</year>
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1.106 protobuf 2.2.0

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1.107 PyJWT 1.5.3

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1.108 python 2.6.4

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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 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.

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	from			compatible? (1)
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1.3 thru	1.5.2	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
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2.1.3	2.1.2	2002	PSF	yes
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2.3.2	2.3.1	2003	PSF	yes
2.3.3	2.3.2	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	
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2.4.2	2.4.1	2005	PSF	yes	
2.4.3	2.4.2	2006	PSF	yes	
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2.5.2	2.5.1	2008	PSF	yes	
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Mersenne Twister

The :mod:'_random' module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
or `init_by_array(init_key, key_length)`.

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Any feedback is very welcome.

<http://www.math.keio.ac.jp/matamoto/emt.html>

email: matamoto@math.keio.ac.jp

Sockets

The `:mod:'socket'` module uses the functions, `:func:'getaddrinfo'`, and `:func:'getnameinfo'`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control

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MD5 message digest algorithm

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite

(section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

The :mod:'asynchat' and :mod:'asyncore' modules contain the following notice::

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

XML Remote Procedure Calls

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Select kqueue

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```

```
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1.110 python2-stix 1.2.0.4

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```
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# external
from cybox.common import Contributor

# internal
import stix
import stix.utils
import stix.bindings.incident as incident_binding
from mixbox import fields, entities

class Contributors(stix.EntityList):
    _namespace = "http://stix.mitre.org/Incident-1"
    _binding = incident_binding
    _binding_class = _binding.ContributorsType

    contributors = fields.TypedField("Contributor", Contributor, multiple=True, key_name="contributors")
:mod:`stix.incident.contributors` Module
=====

.. module:: stix.incident.contributors
```


Classes

.. autoclass:: Contributors

:show-inheritance:

:members:

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1.111 PyXML 0.8.2

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schema/trex.py

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test/domapi/ (and test/test_pyxmlDOM.py)

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1.112 regexp 1.1

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* \$Date: 2000/04/27 01:21:00 \$

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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.

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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 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:

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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.

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.115 requests 2.9.1

1.115.1 Available under license :

Requests includes some vendorized python libraries to ease installation.

Urllib3 License

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

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

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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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- 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.

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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.

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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.

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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1.118 simplejson 2.0.9

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1.119 Sleepycat 4.4.20

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1.120 smartmontools 6.5

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=====
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=====

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1.122 srm 1.2.15

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1.123 SSL_dane 1.0

1.124 stunnel 5.03 5.03

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1.127 swig 3.0.12

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

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1.129 timeout-decorator 0.4.1

1.130 TinySSL 1.03

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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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```
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```
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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  
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```

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

That's all there is to it!

1.136 velocity 1.5

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