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# 1.14 MySQL 5.7.23

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Also see the ChangeLog for even more people who have helped over the years by submitting fixes, patches and reporting bugs.

Major authors:

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Steven Grimm <sgrimm@facebook.com> -- iov writing (less CPU), UDP mode, non-2.0 slab mantissas, multithread, ...

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--echo Setup --source ../include/xplugin\_preamble.inc

--echo Test

--let \$\_server\_license= `SELECT IF(@@license = 'Commercial', 'PROPRIETARY', @@license);` --let \$\_plugin\_license= `select plugin\_license from information\_schema.plugins where plugin\_name='mysqlx'`

```
if ($_server_license != $_plugin_license)
{
--echo Licenses doesn't match
--echo Servers license: $_server_license
--echo Plugins license: $_plugin_license
}
if ($_server_license == $_plugin_license)
{
--echo License ok
}
```

```
--echo Cleanup
```

UNINSTALL PLUGIN `mysqlx`; '#-----BS STVARS 040 01-----#' SELECT COUNT(@@GLOBAL.license); COUNT(@@GLOBAL.license) 1 1 Expected '#-----BS STVARS 040 02-----#' SET @@GLOBAL.license=1; ERROR HY000: Variable 'license' is a read only variable Expected error 'Read only variable' SELECT COUNT(@@GLOBAL.license); COUNT(@@GLOBAL.license) 1 1 Expected '#-----BS\_STVARS\_040\_03------#' SELECT @ @GLOBAL.license = VARIABLE\_VALUE FROM INFORMATION\_SCHEMA.GLOBAL\_VARIABLES WHERE VARIABLE NAME='license'; @@GLOBAL.license = VARIABLE\_VALUE 1 1 Expected SELECT COUNT(@@GLOBAL.license); COUNT(@@GLOBAL.license) 1 1 Expected SELECT COUNT(VARIABLE VALUE) FROM INFORMATION SCHEMA.GLOBAL VARIABLES WHERE VARIABLE\_NAME='license'; COUNT(VARIABLE VALUE) 1 1 Expected '#-----BS\_STVARS\_040\_04-----#' SELECT @@license = @@GLOBAL.license; @@license = @@GLOBAL.license 1 1 Expected '#-----BS\_STVARS\_040\_05-----#' SELECT COUNT(@@license); COUNT(@@license) 1 1 Expected SELECT COUNT(@@local.license); ERROR HY000: Variable 'license' is a GLOBAL variable Expected error 'Variable is a GLOBAL variable' SELECT COUNT(@@SESSION.license); ERROR HY000: Variable 'license' is a GLOBAL variable Expected error 'Variable is a GLOBAL variable' SELECT COUNT(@@GLOBAL.license);

#### COUNT(@@GLOBAL.license)

1 1 Expected SELECT license = @@SESSION.license; ERROR 42S22: Unknown column 'license' in 'field list' Expected error 'Readonly variable'

# # # Variable Name: license # # Scope: Global # # Access Type: Static # # Data Type: string # # # # # # Creation Date: 2008-02-07 # # Author : Sharique Abdullah # # # # # Description: Test Cases of Dynamic System Variable license # that checks the behavior of this variable in the following ways # # # \* Value Check # # \* Scope Check # # # # Reference: http://dev.mysql.com/doc/refman/5.1/en/ # server-system-variables.html # # # --echo '#-----BS\_STVARS\_040\_01-----#' # Displaying default value # SELECT COUNT(@@GLOBAL.license); --echo 1 Expected --echo '#-----BS\_STVARS\_040\_02-----#' # Check if Value can set # --error ER\_INCORRECT\_GLOBAL\_LOCAL\_VAR SET @@GLOBAL.license=1; --echo Expected error 'Read only variable'

SELECT COUNT(@@GLOBAL.license);

--disable\_warnings SELECT @ @GLOBAL.license = VARIABLE\_VALUE FROM INFORMATION\_SCHEMA.GLOBAL\_VARIABLES WHERE VARIABLE\_NAME='license'; --enable\_warnings --echo 1 Expected

SELECT COUNT(@@GLOBAL.license); --echo 1 Expected

--disable\_warnings SELECT COUNT(VARIABLE\_VALUE) FROM INFORMATION\_SCHEMA.GLOBAL\_VARIABLES WHERE VARIABLE\_NAME='license'; --enable\_warnings --echo 1 Expected

--echo '#-----BS\_STVARS\_040\_05-----#'

SELECT COUNT(@@license); --echo 1 Expected

--Error ER\_INCORRECT\_GLOBAL\_LOCAL\_VAR SELECT COUNT(@@local.license); --echo Expected error 'Variable is a GLOBAL variable'

--Error ER\_INCORRECT\_GLOBAL\_LOCAL\_VAR SELECT COUNT(@@SESSION.license); --echo Expected error 'Variable is a GLOBAL variable'

SELECT COUNT(@@GLOBAL.license); --echo 1 Expected

--Error ER\_BAD\_FIELD\_ERROR

SELECT license = @ @ SESSION.license; --echo Expected error 'Readonly variable' Portions of this software contain modifications contributed by Percona, Inc. These contributions are used with the following license:

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\_crypto.js - internally uses AES algorithm

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\* 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.

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\* gzip/zlib I/O support.

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\* Fixed warnings about generated constructors not explicitly initializing

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\* Added generation of field number constants.

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\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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Alexander Melnikov <alm@sibmail.ru>

\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

\* Detect whether zlib is new enough in configure script.

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Evan Jones <evanj@mit.edu>

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\* 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.

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\* 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

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## 1.15 paramiko 2.4.1

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# 1.17 prettytable 0.7.2

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1.3 thru 1.	5.2 1.2	1	995-19	99 CN	RI	yes
1.6	1.5.2	2000	0 C	CNRI	no	
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1.6.1	1.6	200	1 C	CNRI	yes (	2)
2.1	2.0+1.6	.1 20	001	PSF	no	
2.0.1	2.0+1.6	5.1 2	001	PSF	yes	
2.1.1	2.1+2.0	).1 2	001	PSF	yes	
2.1.2	2.1.1	200	)2 I	PSF	yes	
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1.6	1.5.2	2000	)   CNR	I   no	 
2.0	1.6	2000	BeOp	en.com   no	
1.6.1	1.6	2001	CNR	I   no	
2.1	2.0+1.6	.1   20	01   PS	F   no	
2.0.1	2.0+1.6	5.1   20	)01   PS	SF   yes	
2.1.1	2.1+2.0	).1  20	001   PS	SF   yes	
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#### Mersenne Twister

-----

The :mod:`\_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/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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#### 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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Asynchronous socket services

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Cookie management

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Execution tracing

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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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test\_epoll

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Select kqueue

-----

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SipHash24

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Original location: https://github.com/majek/csiphash/

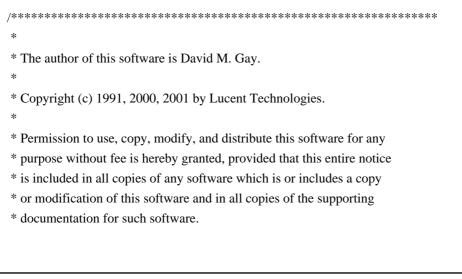
Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphash24/little) djb (supercop/crypto\_auth/siphash24/little2) Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

#### strtod and dtoa

-----

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zlib

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The :mod:`zlib` extension is built using an included copy of the zlib sources if the zlib version found on the system is too old to be used for the build::

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

cfuhash

The implementation of the hash table used by the :mod:`tracemalloc` is based on the cfuhash project::

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\_\_\_\_\_

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## 1.23 python-attrdict 2.0.0

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## 1.24 python-dateutil 2.6.1

# 1.25 python-pip 9.0.1 :(2015-01-03)

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### History

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The project repository then had a clean start with some files taken from Python 2.7.1, so definitely all files are under Python License now. 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	Deriv	red	Year	Owr	ner GPL-
		con		npatible? (1)	
0.9.0 thru 1.2		19	1991-1995 CV		T yes
1.3 thru 1	.5.2 1.2	1	995-199	99 CN	NRI yes
1.6	1.5.2	200	0 C	NRI	no
2.0	1.6	2000	) Be	Open.	com no
1.6.1	1.6	200	1 C	NRI	yes (2)
2.1	2.0+1.6	.1 20	001	PSF	no
2.0.1	2.0+1.0	5.1 2	001	PSF	yes
2.1.1	2.1+2.0	0.1 2	001	PSF	yes
2.2	2.1.1	200	1 P.	SF	yes
2.1.2	2.1.1	200	)2 P	SF	yes
2.1.3	2.1.2	200	)2 P	SF	yes
2.2.1	2.2	200	2 P.	SF	yes
2.2.2	2.2.1	200	)2 P	SF	yes
2.2.3	2.2.2	200	)3 P	SF	yes
2.3	2.2.2	200	2-2003	PSF	yes
2.3.1	2.3	200	2-2003	PSF	yes
2.3.2	2.3.1	200	02-2003	PSF	yes
2.3.3	2.3.2	200	02-2003	PSF	yes
2.3.4	2.3.3	200	)4 P	SF	yes
2.3.5	2.3.4	200	)5 P	SF	yes
2.4	2.3	2004	PS	F	yes
2.4.1	2.4	200	5 P.	SF	yes
2.4.2	2.4.1	200	)5 P	SF	yes
2.4.3	2.4.2	200	)6 P	SF	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
2.7	2.6	2010	PSF	yes

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### 1.27 pytz 2018.3

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## 1.28 pytz 2017.2

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## 1.29 redis 4.0.10

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## 1.32 Selenium 3.9.0

## 1.33 textfsm 0.3.2

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