
Licensing Information User Manual

MySQL Connector/Python 9.5.0 Commercial

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```

The following files

```

./lib
  saslint.h auxprop.c canonusr.c checkpw.c client.c common.c config.c
  external.c saslutil.c server.c seterror.c dlopen.c
./plugins
  scram.c gssapi.c
./common
  plugin_common.c

```

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```

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```

./lib/md5.c includes the following license header:

```

/* MD5C - RSA Data Security, Inc., MD5 message-digest algorithm
 */

```

```

/* Function names changed to avoid namespace collisions: Rob Siemborski */

```

```

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Kerberos5

Kerberos5

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```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

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

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

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typing-inspect

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annotated-types

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pydantic-core

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dragon4

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/inneme/f1f7821f07cf76504a97f6537c818083>

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Name: PCG64

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PCG Random Number Generation for C.

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The `rk_random` and `rk_seed` functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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The ziggurat methods were derived from Julia.

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charset_normalizer

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curl

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4th party dependencies

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Typing Extensions

A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

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

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

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

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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 *
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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

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python-lz4

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Additional 4th party:
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-----
from pyc3.h file in code directory:

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*/
-----

lz4
---
from lz4.h file in lz4libs directory

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You can contact the author at :
- LZ4 homepage : http://www.lz4.org

```

```

- LZ4 source repository : https://github.com/lz4/lz4
*/

** Future 4th party
(https://files.pythonhosted.org/packages/90/52/e20466b85000a181e1e144fd8305caf
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```

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Name: numpy.core.ma

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This distribution of NumPy also bundles the following software:

Name: OpenBLAS

Files: numpy/.dylibs/libscipy_openblas*.so

Description: bundled as a dynamically linked library

Availability: <https://github.com/OpenMathLib/OpenBLAS/>

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Name: fast_matrix_market

Files: scipy/io/_fast_matrix_market/*

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Name: pystreambuf

Files: scipy/io/_fast_matrix_market/src/pystreambuf.h

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Name: fast_float

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Name: L-BFGS-B

Files: scipy/optimize/lbfgsb/*

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From the website for the L-BFGS-B code (from at
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"""

L-BFGS-B is a limited-memory quasi-Newton code for bound-constrained optimization, i.e. for problems where the only constraints are of the form $l \leq x \leq u$.

"""

This is a Python wrapper (using F2PY) written by David M. Cooke <cookedm@physics.mcmaster.ca> and released as version 0.9 on April 9, 2004. The wrapper was slightly modified by Joonas Paalasmaa for the 3.0 version in March 2012.

License of L-BFGS-B (Fortran code)

=====

The version included here (in lbfgsb.f) is 3.0 (released April 25, 2011). It was written by Ciyu Zhu, Richard Byrd, and Jorge Nocedal <nocedal@ece.nwu.edu>. It carries the following condition for use:

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References

- * R. H. Byrd, P. Lu and J. Nocedal. A Limited Memory Algorithm for Bound Constrained Optimization, (1995), SIAM Journal on Scientific and Statistical Computing, 16, 5, pp. 1190-1208.
- * C. Zhu, R. H. Byrd and J. Nocedal. L-BFGS-B: Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (1997), ACM Transactions on Mathematical Software, 23, 4, pp. 550 - 560.
- * J.L. Morales and J. Nocedal. L-BFGS-B: Remark on Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (2011), ACM Transactions on Mathematical Software, 38, 1.

"""

The Python wrapper

=====

This code uses F2PY (<http://cens.ioc.ee/projects/f2py2e/>) to generate the wrapper around the Fortran code.

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Example usage

=====

An example of the usage is given at the bottom of the lbfgsb.py file.

Run it with 'python lbfgsb.py'.

License for the Python wrapper

=====

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Name: LAPJVsp

Files: scipy/sparse/csgraph/_matching.pyx

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Name: Faddeeva

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Name: pypocketfft

Files: scipy/fft/_pocketfft/[pocketfft.h, pypocketfft.cxx]

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Name: uarray

Files: scipy/_lib/uarray/*

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Name: `ampgo`

Files: `benchmarks/benchmarks/go_benchmark_functions/*.py`

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Functions for testing global optimizers, forked from the AMPGO project, <https://code.google.com/archive/p/ampgo>

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Name: `pybind11`

Files: no source files are included, however pybind11 binary artifacts are included with every binary build of SciPy.

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Name: HiGS

Files: scipy/optimize/_highs/*

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Files: scipy/_lib/boost_math/*

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Name: Biasedurn

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Name: OpenBLAS

Files: `scipy/.dylibs/libopenblas*.so`

Description: bundled as a dynamically linked library

Availability: <https://github.com/OpenMathLib/OpenBLAS/>

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Name: LAPACK

Files: `scipy/.dylibs/libopenblas*.so`

Description: bundled in OpenBLAS

Availability: <https://github.com/OpenMathLib/OpenBLAS/>

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

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

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

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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