StorageTek Virtual Storage Manager System

VSM 6 Licensing Information User Manual

Release 6.3

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Storage Tek Virtual Storage Manager System VSM 6 Licensing Information User Manual, Release 6.3

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	DBI, Version: 1.623	See "DBI, Version: 1.623" on page 1-13.
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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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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
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2 5 1 2 5 2007 DG	TE WOO			

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

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Mersenne Twister

The random module includes code based on a download from http://www.math.keio.ac.jp/ matumoto/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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http://www.math.keio.ac.jp/matumoto/emt.html email: matumoto@math.keio.ac.jp

Sockets

======

The socket module uses the functions, getaddrinfo(), and getnameinfo(), which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/.

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Independent implementation of MD5 (RFC 1321).

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

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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.

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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

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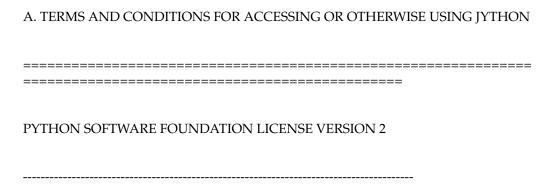
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Version: 4.1

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zlib 1.1.4

/* zlib.h - interface of the 'zlib' general purpose compression library version 1.2.2, October 3rd, 2004

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

*/

spy.jar 2.2

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antlr 2.7.6

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javassist 3.14.0

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slf4j	1.5.10	

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cal10n 0.7.2

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients

all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you

link a program with the library, you must provide complete object files to the recipients so that they can

relink them with the library, after making changes to the library and recompiling it. And you must show them

these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license

which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no

warranty for this free library. If the library is modified by someone else and passed on, we want its

recipients to know that what they have is not the original version, so that any problems introduced by others

will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that

companies distributing free software will individually obtain patent licenses, thus in effect transforming the

program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for

everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was

designed for utility programs. This license, the GNU Library General Public License, applies to certain

designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and

don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually

make between modifying or adding to a program and simply using it. Linking a program with a library, without

changing the library, is in some sense simply using the library, and is

analogous to running a utility program

or application program. However, in a textual and legal sense, the linked executable is a combined work, a

derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not

effectively promote software sharing, because most developers did not use the libraries. We concluded that

weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit

from the free status of the libraries themselves. This Library General Public License is intended to permit

developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs

to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards

changes in header files, but we have achieved it as regards changes in the actual functions of the Library.)

The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the

difference between a "work based on the library" and a "work that uses the library". The former contains code

derived from the library, while the latter only works together with the library.

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

special one.

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License (also called "this License"). Each licensee is addressed as "you".

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.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any

medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice

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warranty; and distribute a copy of this License along with the Library.

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

protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the

Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that

you also meet all of these conditions:

- •a) The modified work must itself be a software library.
- •b) You must cause the files modified to carry prominent notices stating that you changed the files and the

date of any change.

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

this License.

•d) If a facility in the modified Library refers to a function or a table of data to be supplied by an

application program that uses the facility, other than as an argument passed when the facility is invoked, then

you must make a good faith effort to ensure that, in the event an application does not supply such function or

table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined

independent of the application. Therefore, Subsection 2d requires that any application-supplied function or

table used by this function must be optional: if the application does not supply it, the square root function

must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived

from the Library, and can be reasonably considered independent and separate works in themselves, then this

License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on the Library, the distribution of the

whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole,

and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by

you; rather, the intent is to exercise the right to control the distribution of derivative or collective works

based on the Library.

In addition, mere aggregation of another work not based on the Library with the

Library (or with a work based

on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope

of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given

copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer

to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than

version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if

you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public

License applies to all subsequent copies and derivative works made from that сору.

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

library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code

or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete

corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above

on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering

equivalent access to copy the source code from the same place satisfies the requirement to distribute the

source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the

Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in

isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of

the Library (because it contains portions of the Library), rather than a "work that uses the library". The

executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object

code for the work may be a derivative work of the Library even though the source code is not. Whether this is

true is especially significant if the work can be linked without the Library, or if the work is itself a

library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros

and small inline functions (ten lines or less in length), then the use of the object file is unrestricted,

regardless of whether it is legally a derivative work. (Executables containing this object code plus portions

of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under

the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are

linked directly with the Library itself.

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

Library to produce a work containing portions of the Library, and distribute that work under terms of your

choice, provided that the terms permit modification of the work for the customer's own use and reverse

engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library

and its use are covered by this License. You must supply a copy of this License. If the work during execution

displays copyright notices, you must include the copyright notice for the Library among them, as well as a

reference directing the user to the copy of this License. Also, you must do one of these things:

•a) Accompany the work with the complete corresponding machine-readable source code for the Library including

whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the

work is an executable linked with the Library, with the complete machine-readable "work that uses the Library",

as object code and/or source code, so that the user can modify the Library and then relink to produce a

modified executable containing the modified Library. (It is understood that the user who changes the contents

of definitions files in the Library will not necessarily be able to recompile the application to use the

modified definitions.)

•b) Accompany the work with a written offer, valid for at least three years, to give the same user the

materials specified in Subsection 6a, above, for a charge no more than the cost of performing this

distribution.

•c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent

access to copy the above specified materials from the same place.

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

a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility

programs needed for reproducing the executable from it. However, as a special exception, the source code

distributed need not include anything that is normally distributed (in either source or binary form) with the

major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless

that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do

not normally accompany the operating system. Such a contradiction means you cannot use both them and the

Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library

side-by-side in a single library

together with other library facilities not covered by this License, and distribute such a combined library,

provided that the separate distribution of the work based on the Library and of the other library facilities is

otherwise permitted, and provided that you do these two things:

•a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other

library facilities. This must be distributed under the terms of the Sections above.

•b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library,

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

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that they, too, receive or can get the source code. If you link other code with

library, you must provide complete object files to the recipients, so that they

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users

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must be consistent with the full freedom of use specified in this license. Most GNU software, including some libraries, is covered by the ordinary GNU General

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those libraries into non-free programs.

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

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

protect the user's freedom than the ordinary General Public License. It also

provides other free software developers Less of an advantage over competing

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

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

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

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

freedom and the wherewithal to run that program using a modified version of the

The precise terms and conditions for copying, distribution and modification

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a) The modified work must itself be a software library. b) You must cause the files modified to carry prominent

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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

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If distribution of object code is made by offering access to copy from a

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When a "work that uses the Library" uses material from a header file that is part of

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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

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I. COMPONENTS

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