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For the Windows® and Unix® Operating Systems

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is invoked, then you must make a good faith effort to ensure that,

in the event an application does not supply such function or table, the facility still operates, and performs whatever part of

its purpose remains meaningful.

(For example, a function in a library to compute square roots has

a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

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

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on the Library, the distribution of the whole must be on the terms of

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

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

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

file is unrestricted, regardless of whether it is legally a derivative

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

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

6. As an exception to the Sections above, you may also combine or $\ensuremath{\mathsf{o}}$

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changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked $\frac{1}{2}$

with the Library, with the complete machine-readable "work

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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 $% \left(1\right) =\left(1\right) +\left(1\right) +$

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 $\ensuremath{\mathsf{L}}$

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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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.

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major

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For the developers' and authors' protection, the GPL clearly explains that $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1$

there is no warranty for this free software. For both users' and authors' $\ensuremath{\mathsf{I}}$

sake, the GPL requires that modified versions be marked as changed, so

that their problems will not be attributed erroneously to authors of

previous versions.

Some devices are designed to deny users access to install or run modified

versions of the software inside them, although the manufacturer can do so.

This is fundamentally incompatible with the aim of protecting users'

freedom to change the software. The systematic pattern of such abuse $% \left(1\right) =\left(1\right) +\left(1\right$

occurs in the area of products for individuals to use, which is precisely

where it is most unacceptable. Therefore, we have designed this version

of the GPL to prohibit the practice for those products. If such problems

arise substantially in other domains, we stand ready to extend this

provision to those domains in future versions of the GPL, as needed to

protect the freedom of users.

Finally, every program is threatened constantly by software patents.

States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to

avoid the special danger that patents applied to a free program

could make it effectively proprietary. To prevent this, the GPL assures

that patents cannot be used to render the program non-free.

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

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0. Definitions.

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

"The Program" refers to any copyrightable work licensed under this License.

Each licensee is addressed as "you". "Licensees" and "recipients" $\ensuremath{\text{may}}$

be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work

in a fashion requiring copyright permission, other than the making of an

exact copy. The resulting work is called a "modified version" of the $\ensuremath{\text{\textbf{th}}}$

earlier work or a work "based on" the earlier work.

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

To "propagate" a work means to do anything with it that, without permission,

would make you directly or secondarily liable for infringement under

applicable copyright law, except executing it on a computer or modifying a

private copy. Propagation includes copying, distribution (with or without

modification), making available to the public, and in some countries other $\ensuremath{\mathsf{T}}$

activities as well.

To "convey" a work means any kind of propagation that enables other parties $\ensuremath{\text{S}}$

to make or receive copies. Mere interaction with a user through a $\operatorname{\mathsf{computer}}$

network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the

extent that it includes a convenient and prominently visible feature that

(1) displays an appropriate copyright notice, and (2) tells the user that

there is no warranty for the work (except to the extent that warranties

are provided), that licensees may convey the work under this License, and

how to view a copy of this License. If the interface presents a list of

user commands or options, such as a menu, a prominent item in the list

meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for $% \left(1\right) =\left(1\right) +\left(1\right) =\left(1\right) +\left(1\right) +\left(1\right) =\left(1\right) +\left(1$

making modifications to it. "Object code" means any non-source form of

a work.

A "Standard Interface" means an interface that either is an offi-

standard defined by a recognized standards body, or, in the case of

interfaces specified for a particular programming language, one that is

widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other

than the work as a whole, that (a) is included in the normal form of

packaging a Major Component, but which is not part of that Major Component,

and (b) serves only to enable use of the work with that Major

Component,

or to implement a Standard Interface for which an implementation is

available to the public in source code form. A "Major Component", in this

context, means a major essential component (kernel, window system, and so

on) of the specific operating system (if any) on which the executable work

runs, or a compiler used to produce the work, or an object code interpreter $% \left(1\right) =\left(1\right) +\left(1\right)$

used to run it.

The "Corresponding Source" for a work in object code form means all the

source code needed to generate, install, and (for an executable work) run

the object code and to modify the work, including scripts to control those

activities. However, it does not include the work's System Libraries, or

general-purpose tools or generally available free programs which are used

unmodified in performing those activities but which are not part of the work.

For example, Corresponding Source includes interface definition

associated with source files for the work, and the source code for shared

libraries and dynamically linked subprograms that the work is specifically

designed to require, such as by intimate data communication or control

flow between those subprograms and other parts of the work.

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

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

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conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under $% \left(1\right) =\left(1\right) +\left(1\right) +\left$

any applicable law fulfilling obligations under article 11 of the WIPO copyright

treaty adopted on 20 December 1996, or similar laws prohibiting or restricting

circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention

of technological measures to the extent such circumvention is effected by

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of enforcing, against the work's users, your or third parties' legal rights to

forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it,

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code; keep intact all notices of the absence of any warranty; and give all

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

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it

from the Program, in the form of source code under the terms of section 4,

provided that you also meet all of these conditions:

 $\,$ * a) The work must carry prominent notices stating that you modified it,

and giving a relevant date.

 * b) The work must carry prominent notices stating that it is released under

this License and any conditions added under section 7. This requirement

modifies the requirement in section 4 to "keep intact all

notices".

 $\,$ * c) You must license the entire work, as a whole, under this License to anyone

who comes into possession of a copy. This License will therefore apply, along

with any applicable section 7 additional terms, to the whole of the work, and

all its parts, regardless of how they are packaged. This License gives no

permission to license the work in any other way, but it does not invalidate

such permission if you have separately received it.

 $\,\,^{*}$ d) If the work has interactive user interfaces, each must display

Appropriate Legal Notices; however, if the Program has interactive

interfaces that do not display Appropriate Legal Notices, your work need not

make them do so.

A compilation of a covered work with other separate and independent works, which

are not by their nature extensions of the covered work, and which are not

combined with it such as to form a larger program, in or on a volume of a storage

or distribution medium, is called an "aggregate" if the compilation and its

resulting copyright are not used to limit the access or legal rights of the

compilation's users beyond what the individual works permit. Inclusion of a

covered work in an aggregate does not cause this License to apply to the other $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4

and 5, provided that you also convey the machine-readable Corresponding Source

under the terms of this License, in one of these ways:

 $\ ^{\star}$ a) Convey the object code in, or embodied in, a physical product (including

a physical distribution medium), accompanied by the Corresponding Source

fixed on a durable physical medium customarily used for software interchange.

* b) Convey the object code in, or embodied in, a physical product (including

a physical distribution medium), accompanied by a written offer, valid for at

least three years and valid for as long as you offer spare parts or customer $% \left(1\right) =\left(1\right) +\left(1\right$

support for that product model, to give anyone who possesses the object code $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left($

either (1) a copy of the Corresponding Source for all the software in the $\ensuremath{\mathsf{Source}}$

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customarily used for software interchange, for a price no more than your

reasonable cost of physically performing this conveying of source, or (2)

access to copy the Corresponding Source from a network server at no charge.

 $\,\,^*$ c) Convey individual copies of the object code with a copy of the written

offer to provide the Corresponding Source. This alternative is allowed only

occasionally and noncommercially, and only if you received the object

code with such an offer, in accord with subsection 6b.

 $\,\,^{\star}$ d) Convey the object code by offering access from a designated place

(gratis or for a charge), and offer equivalent access to the Corresponding

Source in the same way through the same place at no further charge. You

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object code. If the place to copy the object code is a network server, the $\ensuremath{\mathsf{Server}}$

Corresponding Source may be on a different server (operated by you or a

third party) that supports equivalent copying facilities, provided you

maintain clear directions next to the object code saying where to find the $\ensuremath{\mathsf{S}}$

Corresponding Source. Regardless of what server hosts the

Corresponding

Source, you remain obligated to ensure that it is available for as long as

needed to satisfy these requirements.

 $\ \ ^{\star}$ e) Convey the object code using peer-to-peer transmission, provided you

inform other peers where the object code and Corresponding Source of the $\,$

work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the $\ensuremath{\mathsf{e}}$

Corresponding Source as a System Library, need not be included in conveying

the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible

personal property which is normally used for personal, family, or household

purposes, or (2) anything designed or sold for incorporation into a dwelling.

In determining whether a product is a consumer product, doubtful cases shall

be resolved in favor of coverage. For a particular product received by a

particular user, "normally used" refers to a typical or common use of that

class of product, regardless of the status of the particular user or of the $\ensuremath{\mathsf{C}}$

way in which the particular user actually uses, or expects or is expected

to use, the product. A product is a consumer product regardless of whether

the product has substantial commercial, industrial or non-consumer uses.

unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures,

authorization keys, or other information required to install and execute

modified versions of a covered work in that User Product from a $\operatorname{modified}$

version of its Corresponding Source. The information must suffice to ensure

that the continued functioning of the modified object code is in no case

prevented or interfered with solely because modification has been made. $\ensuremath{\mathsf{made}}$

If you convey an object code work under this section in, or with, or

specifically for use in, a User Product, and the conveying occurs as

part of a transaction in which the right of possession and use of the

User Product is transferred to the recipient in perpetuity or for $\ensuremath{\mathtt{a}}$

fixed term (regardless of how the transaction is characterized), the $\ensuremath{\mathsf{T}}$

Corresponding Source conveyed under this section must be accompanied

by the Installation Information. But this requirement does not apply

if neither you nor any third party retains the ability to install $\ensuremath{\mathsf{modified}}$

object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a

requirement to continue to provide support service, warranty, or updates

for a work that has been modified or installed by the recipient, or for $\ensuremath{\mathsf{o}}$

the User Product in which it has been modified or installed. Access to a

network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and

protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in

accord with this section must be in a format that is publicly documented

(and with an implementation available to the public in source code form),

and must require no special password or key for unpacking, reading or copying.

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solely as a consequence of using peer-to-peer transmission to receive a $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

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License Agreement Number: TSILA-____

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("TSI") agree to the following terms and conditions:

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corrections, enhancements and updates to such computer software, which

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the goodwill associated therewith are vested in and belong to TSI.

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5.1 Scope and Duration

TSI Maintenance Services ("TSIMS") are provided on an annual basis for $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left$

the Software Program. The initial order for TSIMS shall be included in

the initial fees paid for the license. After the first year of $\ensuremath{\mathtt{TSIMS}}$,

periods at the then current rates established by TSI for such TSIMS.

TSI shall provide Licensee with notice of such renewal, via invoice,

at least thirty (30) days prior to such renewal date, and Licensee may

elect to discontinue TSIMS by written notification delivered to \mathtt{TSI}

prior to such renewal date.

5.2 Maintenance Obligations of the Parties

Licensee agrees to provide first line support for the Product and

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a competent manner, first line support of the Software Program to Licensee customers, (ii) log of all communication between Licensee and

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(1) Licensee shall promptly deliver to TSI notice in writing of any

infringement claim made by a third party, and, if known, specify $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left($

in reasonable detail the nature of the claim and the amount, or an $\ensuremath{\mathsf{o}}$

estimate of the amount, of the liability arising therefrom. Licensee shall, at TSI's expense, provide to TSI as promptly as

practicable thereafter information and documentation reasonably

requested by TSI to support and verify the claim asserted, provided that, in so doing, TSI may restrict or condition any disclosure in the interest of preserving privileges of importance

in any foreseeable litigation.

(2) TSI may assume and retain sole control of the investigation, the $\ensuremath{\mathsf{T}}$

defense or the settlement of any third party infringement ${\tt claim}$

made against Licensee or TSI with respect to the Software Program,

including the employment of counsel or accountants, at its cost

and expense. Licensee shall have the right to employ counsel separate from counsel employed by TSI in any such action and to

participate therein, but the fees and expenses of such counsel employed by Licensee shall be at Licensee expense. TSI shall have

the right to determine and adopt (or, in the case of a proposal by $% \left\{ 1,2,...,n\right\}$

Licensee, to approve) a settlement of such matter in its reasonable discretion. TSI shall not be liable for any settlement

of any claim effected without its prior written consent, which shall not be unreasonably withheld. Whether or not TSI chooses to

so investigate or defend such claim, Licensee shall cooperate with

TSI in the defense thereof and shall furnish such records, information and testimony, and attend such conferences, discovery

proceedings, hearings, trials and appeals, as may be reasonably

requested by TSI in connection therewith.

(3) If such a claim arises, or in either party's judgment is likely to

arise, Licensee agrees to allow TSI, at TSI's option, to either $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left$

(i) procure the right to permit the continued exercise of the rights and licenses in the Software Program granted under this Agreement; (ii) replace or modify the Software Program so it be-comes non-infringing, while affording equivalent performance;

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(4) TSI shall have no indemnity obligation for claims of infringement

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Should either party commit a material breach of its obligations hereunder, the other party may, at its option, terminate this Agreement by written notice to the party in default. Such notice shall identify and describe the default upon which termination is based. The defaulting party shall have thirty (30) days from the effective delivery of the notice to cure such default, which, if effected, shall prevent termination by virtue of such default. Should

an insolvency proceeding be filed by or against either party, the other party may terminate this Agreement forthwith by giving a written

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this Agreement.

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This Agreement, including any attachments, constitutes the entire agreement of the parties with respect to the subject matter hereof and

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herein. No amendment or modification of this Agreement or any provision or attachment of this Agreement shall be effective unless it $\frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2} \right$

is in writing and signed by both parties.

Section 11 - Governing Law

The validity, construction and performance of this Agreement shall be

governed by the substantive laws of Japan (excluding conflicts of

law

principles). Licensee and TSI agree that any dispute arising out of

this Agreement shall be subject to the exclusive jurisdiction of the

Tokyo District Court of Japan. If any legal action is undertaken to

enforce the terms of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees and costs in addition to any

other relief to which that party may be entitled.

You agree that the United Nations Convention on Contracts for the International Sales of Goods will not apply to this Agreement.

Section 12 - Assignment and Benefit

Without the consent of the other party in writing, neither party $\ensuremath{\mathsf{may}}$

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this Agreement to a wholly-owned subsidiary of the respective corporation or a corporation in which the shareholders of the respective corporation own a majority interest of the voting control

provided that the assigning party remains obligated hereunder; further

provided, however, TSI or Licensee may assign this Agreement to another corporation which acquires or has acquired substantially all

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This Agreement shall be binding upon and shall inure to the benefit of

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Ву: _____

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|---------------------------------|--------|
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| | Date |
| | Date: |
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zlib License

```
This license is available online at http://www.gzip.org/zlib/zlib_license.html.
```

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License
/* zlib.h -- interface of the 'zlib' general purpose compression
librarv
  version 1.2.2, October 3rd, 2004
  Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler
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tribution.
  Jean-loup Gailly jloup@gzip.org
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Mark Adler madler@alumni.caltech.edu

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