This is the installation file for MC-Sym 3.3.2. This file describes how to install MC-Sym 3.3.2 on your system. For further details on MC-Sym, please refer to the user manual (UserManual.pdf) in this directory.

Installation method differs according to your machine's operating system. MC-Sym is distributed for 2 kinds of machine/OS; the installation procedure follows for each of these types:

i386/Red Hat Linux , sgi/IRIX 6.5 and Sun/SunOS 5.9

1. Uncompress and untar the file using:
   ```
   gunzip < mcsym-3.3.2.tar.gz | tar xf -
   ```

2. Move the mcsym-3.3.2 directory that has been created in /usr/local for a general distribution or in your home directory for personal distribution.

3. Any user who wants to use MC-Sym 3.3.2 should define the following environment variables:

   - MCSYM_CACHE_DIR to contain the path where the cache file will be created, this directory must be readable and writable by yourself.
   - MCSYM_DB to contain the path and name of the database file. This package contains the database mcsym_db-3.12.5.bin.gz.
   - MCSYM_LICENSE_NAME to contain the path and name of the license file. The license key can be put in the license.dat file provided with this package.
   - LD_LIBRARY_PATH to point to the shared libraries given with mcsym.

4. Make sure that the bin directory inside the mcsym-3.3.2 directory is also added to the PATH variable of the interested users.

This modification should also be included in the .profile or in .cshrc.

For example in sh language:

```
MCSYM_CACHE_DIR=/home/user
MCSYM_DB=/usr/local/mcsym-3.3.2/mcsym_db-3.12.5.bin.gz
MCSYM_LICENSE_NAME=/usr/local/mcsym-3.3.2/license.dat
LD_LIBRARY_PATH=/usr/local/mcsym-3.3.2/lib:$LD_LIBRARY_PATH

PATH=/usr/local/mcsym-3.3.2/bin:$PATH

export MCSYM_CACHE_DIR MCSYM_DB MCSYM_LICENSE_NAME PATH LD_LIBRARY_PATH
```

in csh language:

```
setenv MCSYM_CACHE_DIR /home/user
setenv MCSYM_DB /usr/local/mcsym-3.3.2/mcsym_db-3.12.5.bin.gz
setenv MCSYM_LICENSE_NAME /usr/local/mcsym-3.3.2/license.dat
setenv LD_LIBRARY_PATH "/usr/local/mcsym-3.3.2/lib:${LD_LIBRARY_PATH}"

setenv PATH "${PATH}:/usr/local/mcsym-3.3.2/bin"
```