NAME
libstlibm – shared library for communication to IBM 3494 silos

SYNOPSIS
libstlibm.so (Solaris)
libstlibm.so.a (AIX)

DESCRIPTION
libstlibm.xxx is a shared library that handles the communication between nsrjb and the IBM silo driver (on AIX) or daemon (on Solaris). The IBM driver/daemon then handles the communication over the network to the silo. There are no options, parameters or environment variables that affect the operation of libstlibm. The correct path to this file should be entered when an IBM silo is configured using jbconfig. The default values specified by jbconfig match the default locations chosen for the installation program, and in most cases can be accepted.

For NetWorker to work with the 3494, you must have first installed IBM’s Automated Tape Library support.

On AIX, this will install a driver called atldd (Automated Tape Library Device Driver). You may also require IBM’s atape driver (Enhanced Tape and Medium Changer Device Driver) if you are using 3590 drives in your 3494.

On Solaris, you will need to install the lmcpd package, (IBM Automated Tape Library Daemon) to use the silo. Again, if you are using 3590 drives, you will also need to install the IBMTape driver. Note that when you are using IBMTape, there will be two sets of device files that will access a given tape drive. There will be the standard Solaris style /dev/rmt/Xmbn type, and there will be the IBMTape supported files of the type /dev/rmt/Xstbn. You should use the IBMTape supported device files for proper operation of you tape drives.

NOTE: Legato cannot supply these IBM drivers. They may be available on an IBM Device Driver ftp site (208.200.29.244), but this is just something we found, and is not necessarily a long-term IBM committed site.

SEE ALSO
nsrjb(8), jbconfig(8), dasadmin(8), libstlemass(8), ssi(8), mini_el(8), libstlstk(8)

DIAGNOSTICS
Errors in communication between the NetWorker server and the IBM 3494 silo are difficult to diagnose. The best method is to use the IBM supplied utility mtlib to verify that you have properly configured the 3494 to communicate with your host, and that the entire pathway from either the lmcp driver (on AIX) or the lmcpd daemon (on Solaris) is functionong properly. If mtlib does not work, then there is no chance that NetWorker will work.

If there are any questions about the connection between your host and the 3494, it is best to consult IBM, as they support the connection between the the host and the silo. IBM supports both network and serial cable connections to the silo. Since the nature of the connection is hidden from NetWorker by the driver/daemon, there is no difference to NetWorker between the two. Customers have successfully used both.