* Get SocketPro SDK at <https://github.com/udaparts/socketpro>
* Distribute system libraries into system directory

1. Windows:
2. Copy all dlls at ../bin/win/x64 and x86 into c:\windows\system32 and syswow64, respectively.
3. Copy persistent queue dll at ../bin/free\_services/queue/win64 and win86 into c :\windows\system32 and syswow64, respectively.
4. Copy file streaming dll at ../bin/free\_services/file/win64 and win86 into c:\windows\system32 and syswow64, respectively.
5. Copy SQLite streaming dll at ../bin/free\_services/sqlite/win64 and win86 into c:\windows\system32 and syswow64, respectively.
6. Ubuntu (Other variants are similar):
7. Copy all sos at ../bin/linux/ubuntu/ into /usr/lib, respectively.
8. Copy all sos at ../bin/linux/ into /usr/lib, respectively.
9. Copy persistent queue libuasyncqueue.so at ../bin/free\_services/queue/ into /usr/lib.
10. Copy file streaming libustreamfile.so at ../bin/free\_services/file/ into /usr/lib.
11. Copy SQLite streaming libssqlite.so at ../bin/free\_services/file/ into /usr/lib.

* Set SocketPro MySQL/Mariadb plugin

1. Find MySQL/Mariadb plugin directory by executing statement ***show variables where variable\_name='plugin\_dir'***.
2. Copy MySQL/Mariadb plugin into database plugin directory
3. Windows: Copy smysql.dll at ../bin/free\_services/(mysql8\_0\_11|mysql5\_7\_22|mariadb)/win64 or win86 into the above found database plugin directory. Execute the statement ***INSTALL PLUGIN*** ***UDAParts\_SQL\_Streaming SONAME ‘smysql.dll’.***
4. Linux: Copy libsmysql.so at ../bin/free\_services//(mysql8\_0\_11|mysql5\_7\_22|mariadb)/ into the above found database plugin directory. Execute the statement ***INSTALL PLUGIN UDAParts\_SQL\_Streaming SONAME ‘libsmysql.so’***.

* Install sample database sakila

If your MySQL/Mariadb doesn’t have sakila database installed, you can get it from the site https://github.com/datacharmer/test\_db/tree/master/sakila.

* Set database sp\_streaming\_db

If you use MySQL 8.0.11 or later, go to site <https://www.codeproject.com/Articles/1207129/Brief-Introduction-of-a-Continuous-SQL-stream-Se>, follow the section Register SocketPro MtSQL SQL-streaming Plugin and its Configuration Database to set the tables config and permission properly.

Otherwise, …

At last, permission table contains a record (257, AUserId) for SocketPro persistent message queue service, which will be used by our node.js demos.

* Copy SocketPro node.js adapter into node.js lib directory

SockketPro Node.js adapter, nja.js and njadapter.node, can be found at the directory ../bin/js and ../bin/js/node-v10.11.0/(linux|win64|win86), respectively. Copy the two file into ../nodejs/lib/node.

* Copy demo js file into the directory where node executable file is located

The demo js files are located at ../src/njadapter. Copy all of them into the directory where node executable file is located.