Instructions for installing all objects for LDMS test.

1. Unzip install\_ldms\_objects into a directory of your choosing.
2. The environment I have used is Oracle XE and SQLPLUS came with it; therefore go to directory and run SQL> @install\_ldms.sql which should do the following:

● Create the necessary data structures to contain the data specified in the Appendix ensuring that data integrity is enforced

● Populate the Departments and Employees data structures using the data specified in the Appendix

● Create an appropriate executable database object to allow an Employee to be created

● Create an appropriate executable database object to allow the Salary for an Employee to be increased or decreased by a percentage

● Create an appropriate executable database object to allow the transfer of an Employee to a different Department

● Create an appropriate executable database object to return the Salary for an Employee.

● Write a report to show all Employees for a Department

● Write a report to show the total of Employee Salary for a Department

Two tables are created: DEPARTMENTS and EMPLOYEES, and an ORACLE package, pkg\_ldms\_test, that will perform the above tasks.

Lastly, I have written a script, ldms\_test\_objetc.sql, that will unit test each stored procedure with the package; also run from SQLPLUS.

I have tried to keep it simple, while using an eclectic mix of coding techniques.

I Hope this is sufficient.

A log file: ldms\_installation\_log.txt is created by install\_ldms.sql in the same directory of your choosing.