# Open Infobutton Responder Regression Tests

**Description –** The OIB Responder software was compiled, built, and tested using the Apache Maven framework. Regression tests were created to ensure changes made to the source code do not break downstream dependencies.

**CMake integration** - CMake has been configured to perform Maven tests created for the OIB Responder. The CMake CMakeLists.txt file resides in the Innovation-182/oib-responder directory.

**Locations** – tests are located the Innovation-182/oib-responder/oib-\*/src/test directory structures; the exception is the oib-rdbms-model directory (database setup scripts).

**Strategy** - The strategy was to target custom unit-level functionality written specifically for the responder and not on boilerplate code that the compiler would naturally catch when erroneous changes are made. This strategy does not carry a high code-coverage percentage but is effective for agile development.