

Calling PL/SQL Function from OAF Page

To invoke a stored function from within an entity object or an application module, you need to follow below steps:

1. Create a CallableStatement with the PL/SQL block containing the stored function invocation
2. Bind any parameters (IN or OUT)
3. Execute the statement.
4. Optionally retrieve the values of any OUT parameters or return value of function
5. Close the statement.

below example will exemplify the above steps

Stored Function Calling Code:

```
public void testFunction() {
    OADBTransaction txn = getDBTransaction();
    CallableStatement callableStatement =txn.createCallableStatement("begin
:1 := xx_function(:2); end;", OADBTransaction.DEFAULT);
    try
    {
        callableStatement.registerOutParameter(1, Types.VARCHAR);
        callableStatement.setString(2, "mahi");
        String outParamValue = null;
        callableStatement.execute();
        outParamValue = callableStatement.getString(1);
        callableStatement.close();
    }
    catch (SQLException sqle)
    {
        callableStatement.close();
    }
}
```