

## Calling PL/SQL Procedure from OAF Page

To invoke a stored procedure 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 procedure 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 Procedure with OUT parameter

```
public void testStoredProcedure() {

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