

CALLING STORED PROCEDURE IN BPM

creating Stored Procedure in SQL Developer:

Right click on stored procedure tab ->Select new procedure -> specify the parameters->click ok

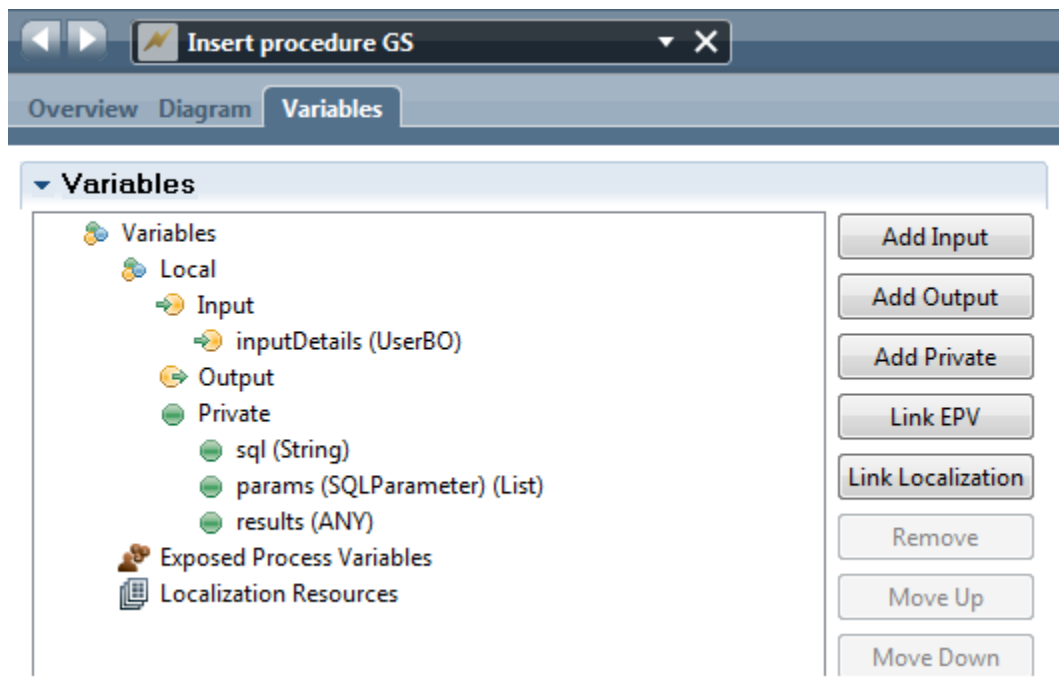
ex: Creating a stored procedure for insert operation

```
create or replace PROCEDURE INSERTPROCEDURE
(
  USERID IN NUMBER
, USERNAME IN VARCHAR2
, DEPT IN VARCHAR2
, SALARY IN NUMBER
) AS
BEGIN
  INSERT INTO USERTABLE ("USERID", "USERNAME", "DEPT", "SALARY")
  VALUES (USERID, USERNAME, DEPT, SALARY) ;

END INSERTPROCEDURE;
```

Calling a Stored procedure in BPM

1.Create General system service and drag nested service and attach sql call stored procedure as nested service in implementation tab.



2.Pass the parameters as below to the stored procedure

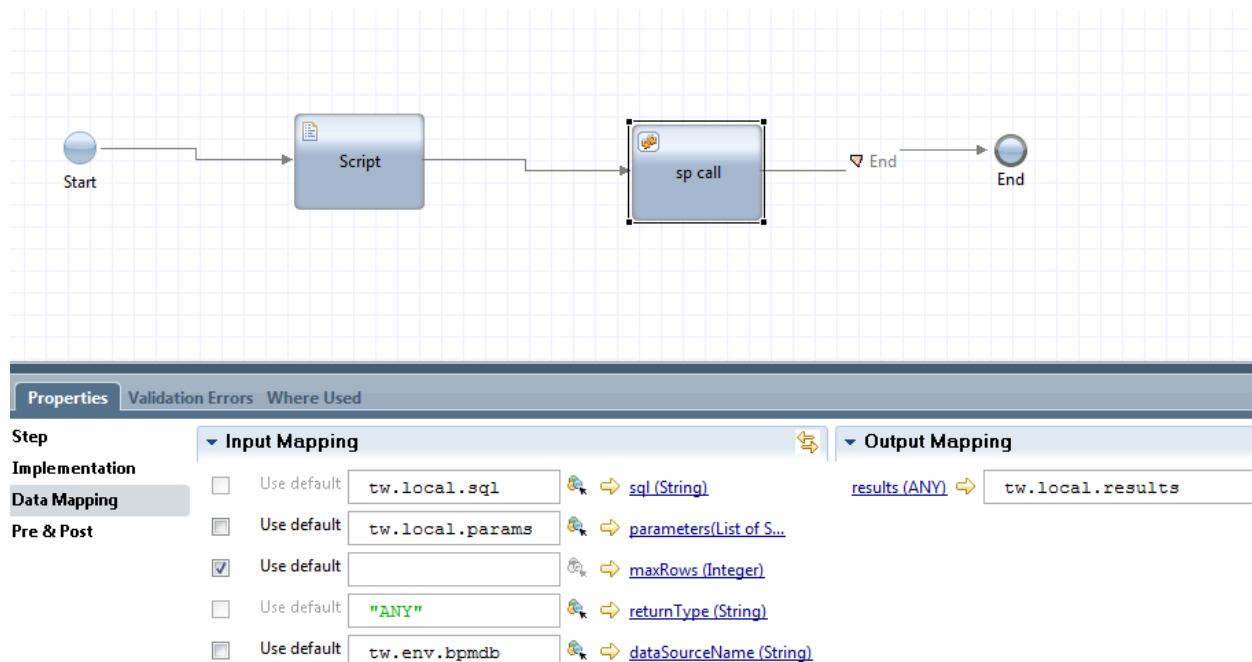
```
tw.local.sql="call INSERTPROCEDURE(?,?,?,?)";
tw.local.params=new tw.object.ListOf.SQLParameter();
tw.local.params[0]=new tw.object.SQLParameter();
tw.local.params[0].type="INTEGER";
tw.local.params[0].mode="IN";
tw.local.params[0].value=tw.local.inputDetails.userId;

tw.local.params[1]=new tw.object.SQLParameter();
tw.local.params[1].type="VARCHAR";
tw.local.params[1].mode="IN";
tw.local.params[1].value=tw.local.inputDetails.userName;

tw.local.params[2]=new tw.object.SQLParameter();
tw.local.params[2].type="VARCHAR";
tw.local.params[2].mode="IN";
tw.local.params[2].value=tw.local.inputDetails.dept;

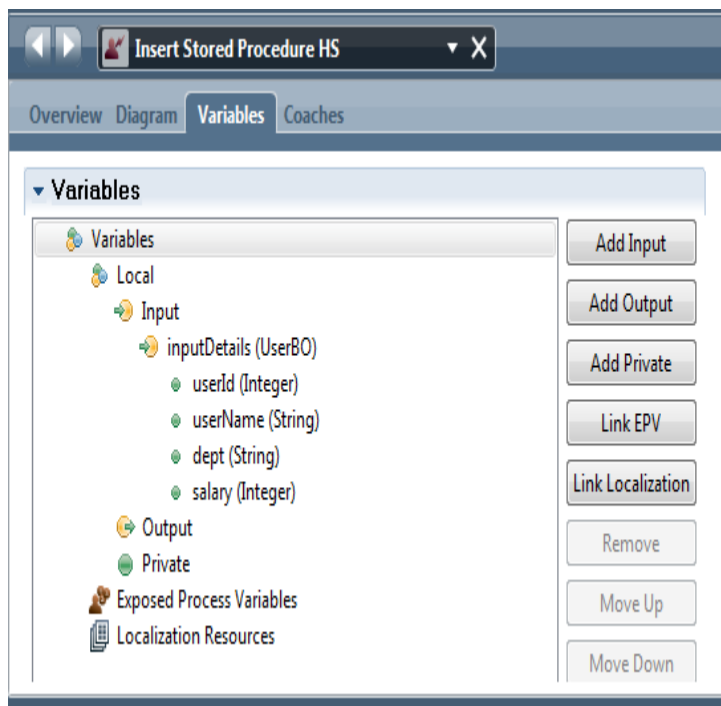
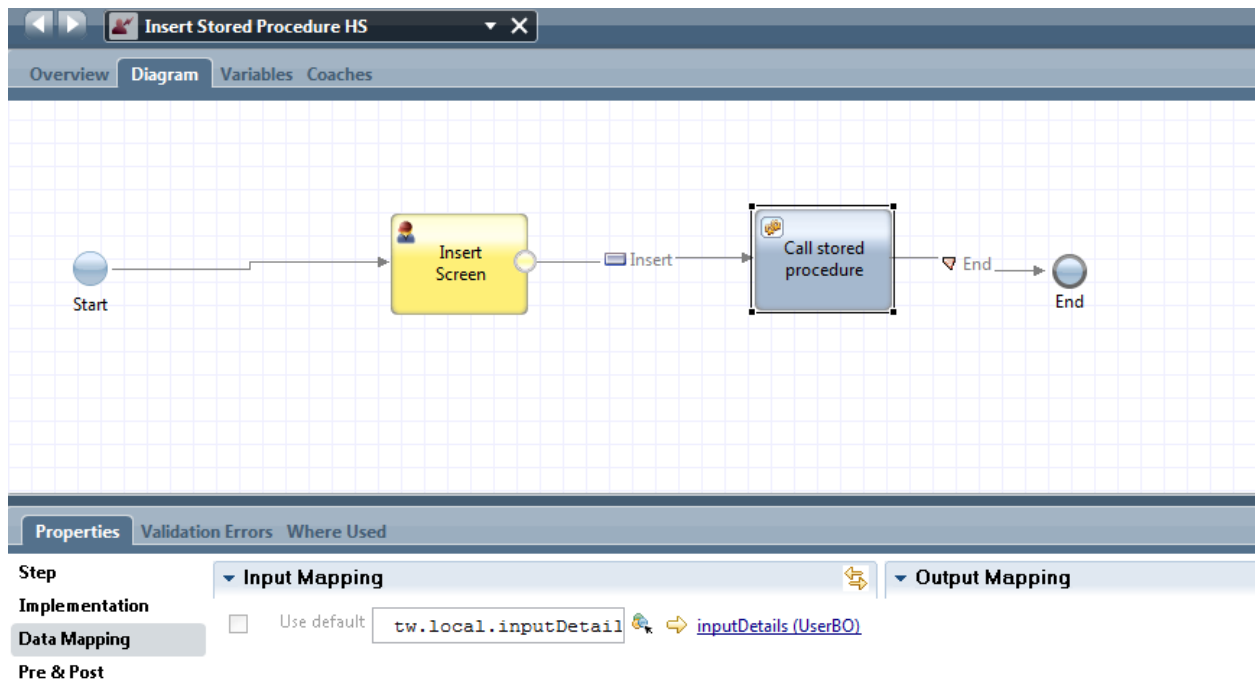
tw.local.params[3]=new tw.object.SQLParameter();
tw.local.params[3].type="INTEGER";
tw.local.params[3].mode="IN";
tw.local.params[3].value=tw.local.inputDetails.salary;
```

3.Do the necessary mapping




Next we will create a screen from where we will insert the details from the UI screen

1.Create a Heritage Human service and drag a coach component.



Insert Stored Procedure HS

OverviewDiagramVariablesCoaches


Insert Screen

User id

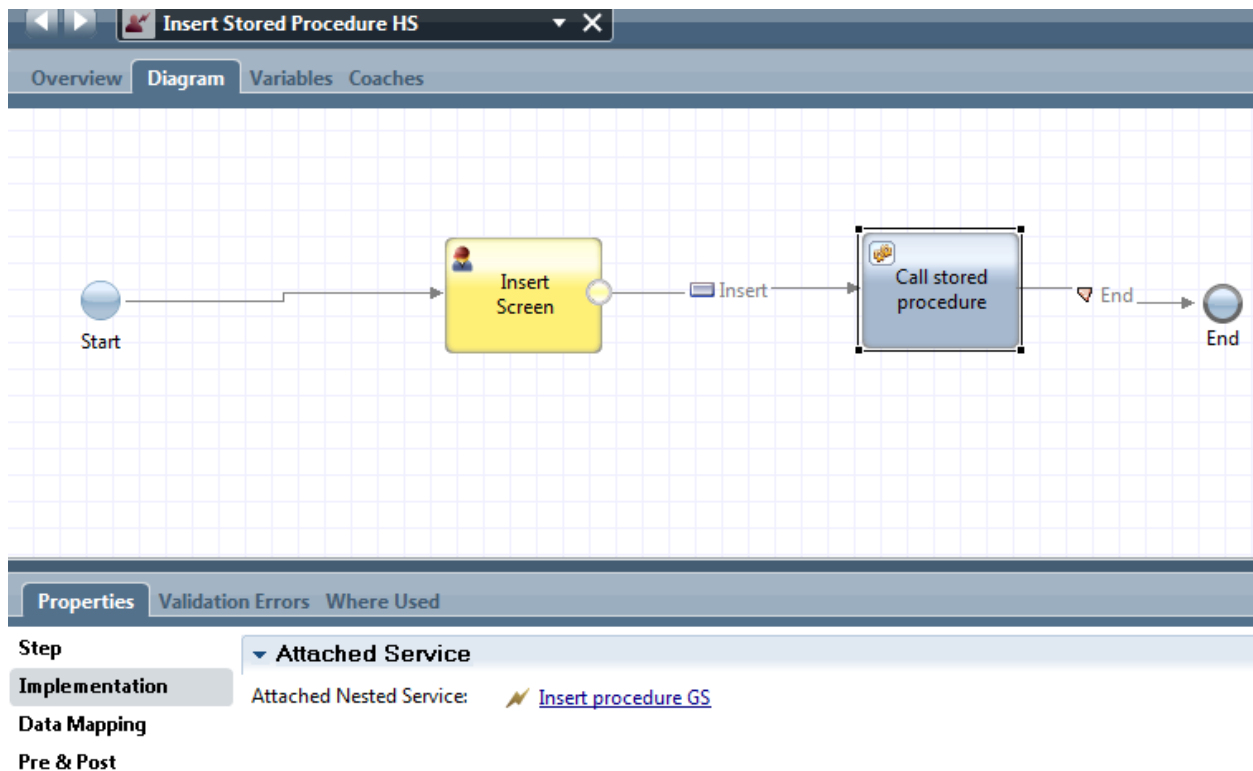
User name

Dept

Salary

Insert

2. Drag a nested service and attach the service(General system service) which we have created previously and do the necessary mapping



Now Run the Heritage HS(Insert Stored Procedure HS) and insert the details and check the table in database

Using intermediate and boundar... Teams in Business Process Mana... Insert Screen

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Apps Mule Batch Jobs an... How to Process Dat... Pig Programming | ... www.dneonline.co... https

User id

User name

Dept

Salary

Insert

EIDIKO x INSERTPROCEDURE x USERTABLE x

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexe

Sort.. Filter:

	USERID	USERNAME	DEPT	SALARY
1	999	sample	Testing	15000
2	460	Narendra	Adm	12000
3	555	venkat	testing	10000
4	111	harish	dev	15000
5	6666	test	testing	15000
6	4444	sample	test	500000