

# BindAll Function

## Binding to simple and complex data types

The `bindAll()` function only handles one level deep in the object tree, so if the object has multiple levels (nested objects), the view needs to call `bindAll()` multiples time for each object level.

### `bind(path, callback, [scope])`

Notifies the view via callback if a specified property has changed. Scope is an optional parameter that specifies the context scope of the callback. Returns a handle to the callback.

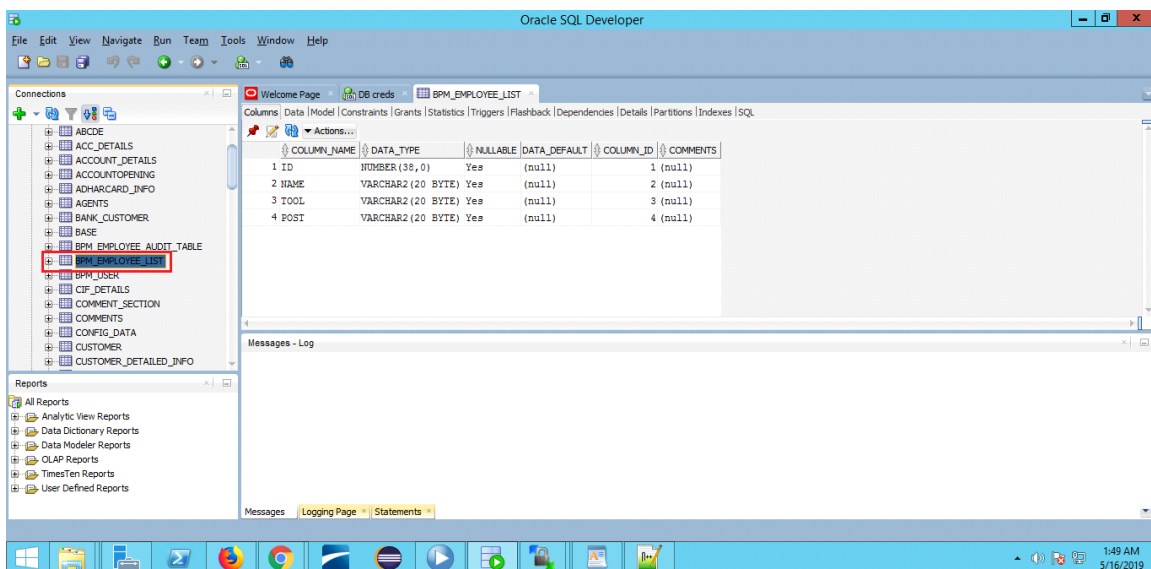
### `bindAll(callback, [scope])`

Notifies the view via callback if any property on the object has changed. Scope is an optional parameter that specifies the context scope of the callback. Returns a handle to the callback.

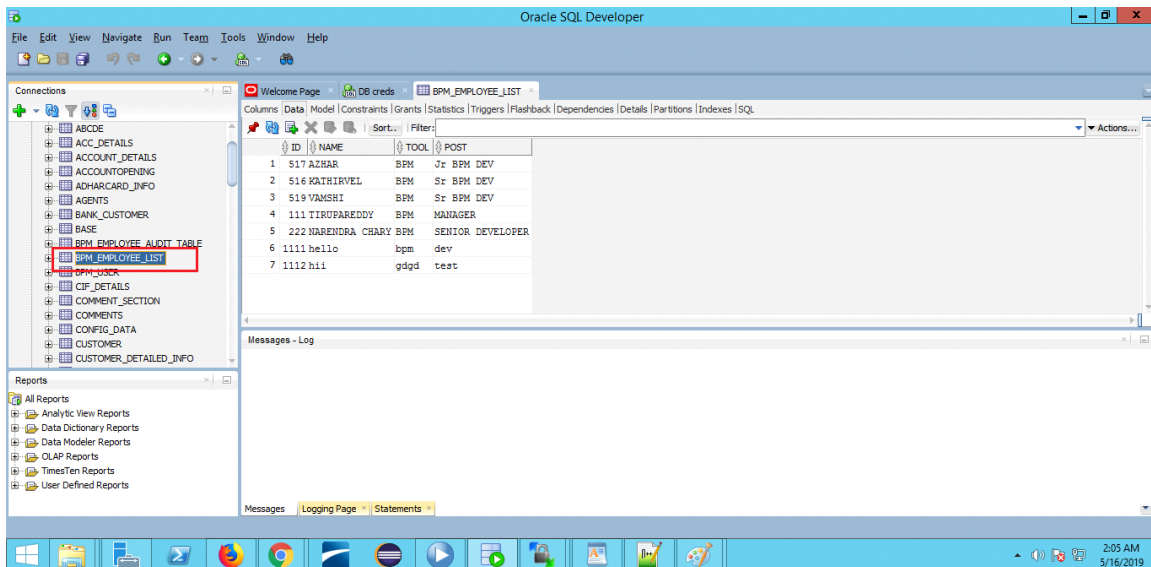
for more information use this link

<https://www.ibm.com/support/knowledgecenter/en/SS8JB4/com.ibm.wbpm.wle.editor.doc/topics/rbindingdata.html>

**Step 1 :** First we have to create a table in sql and give name as BPM\_EMPLOYEE\_LIST

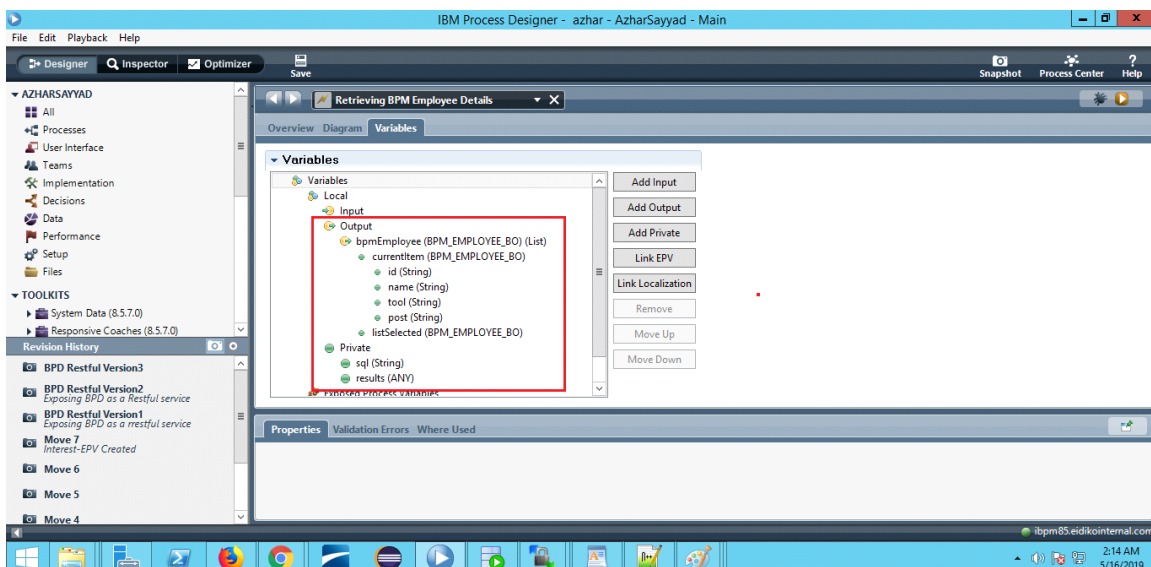


insert the few records in BPM\_EMPLOYEE\_LIST table using sql query.



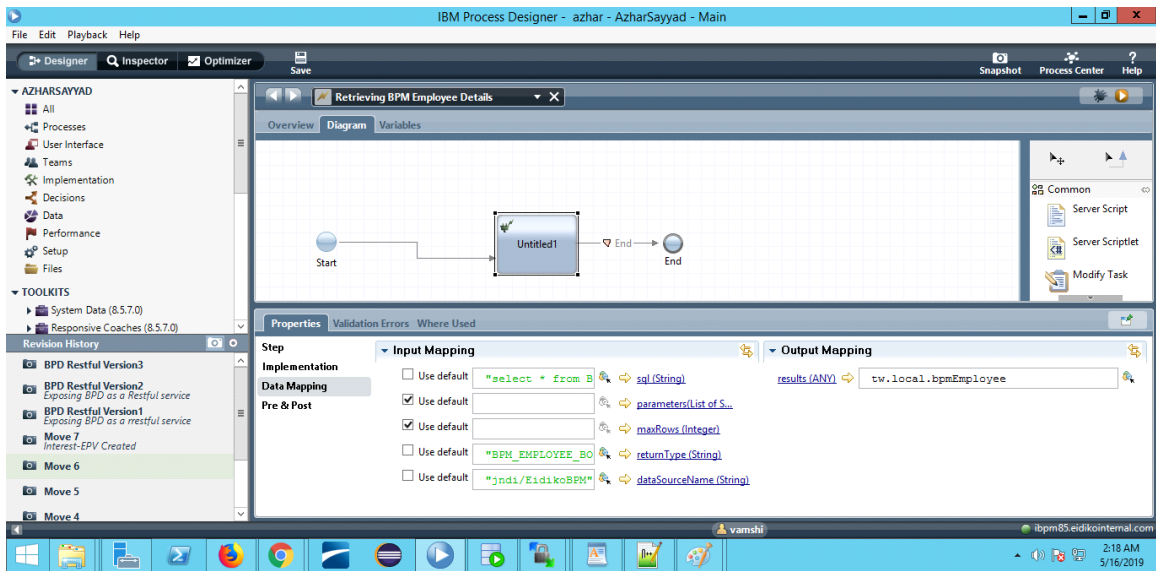
**Step 2 :** We have to fetch all the data from BPM\_EMPLOYEE\_LIST and display on the screen. for that we have to use general system service.

- create a general system service and give name as Retrieving BPM Employee Details.
- define variables as shown below



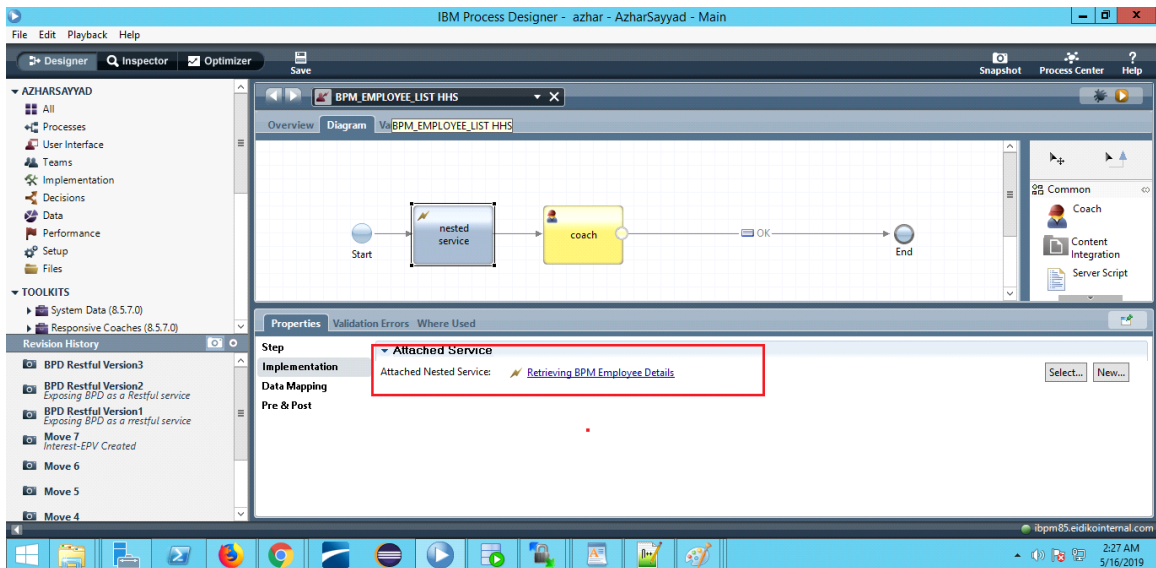
- drag and drop one nested service then click on implementation tab and attached nested service as SQL Execute Statement.

- then do the data mapping as shown below

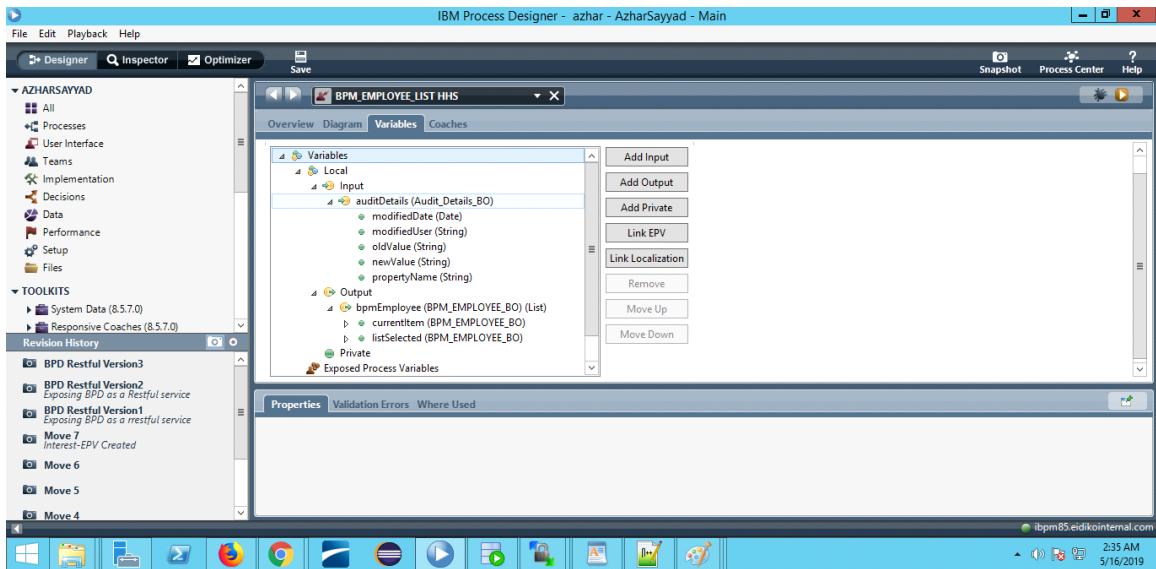


### Step 3 :

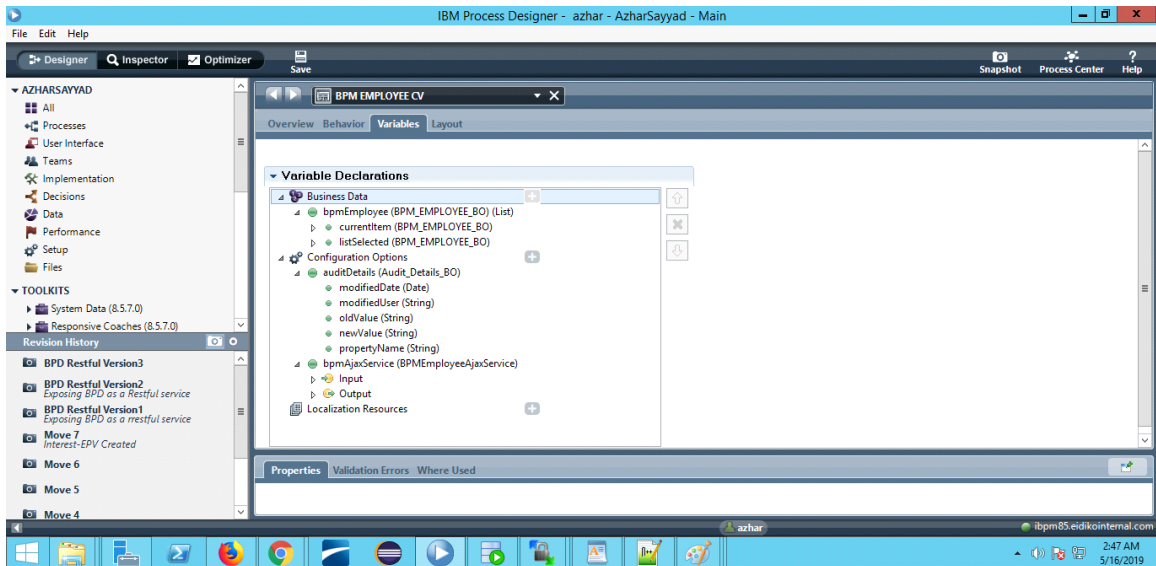
- create heritage human service give name as BPM\_EMPLOYEE\_LIST HHS.
- drag and drop nested service and coach and attached the nested service to Retrieving BPM Employee Details as shown below.



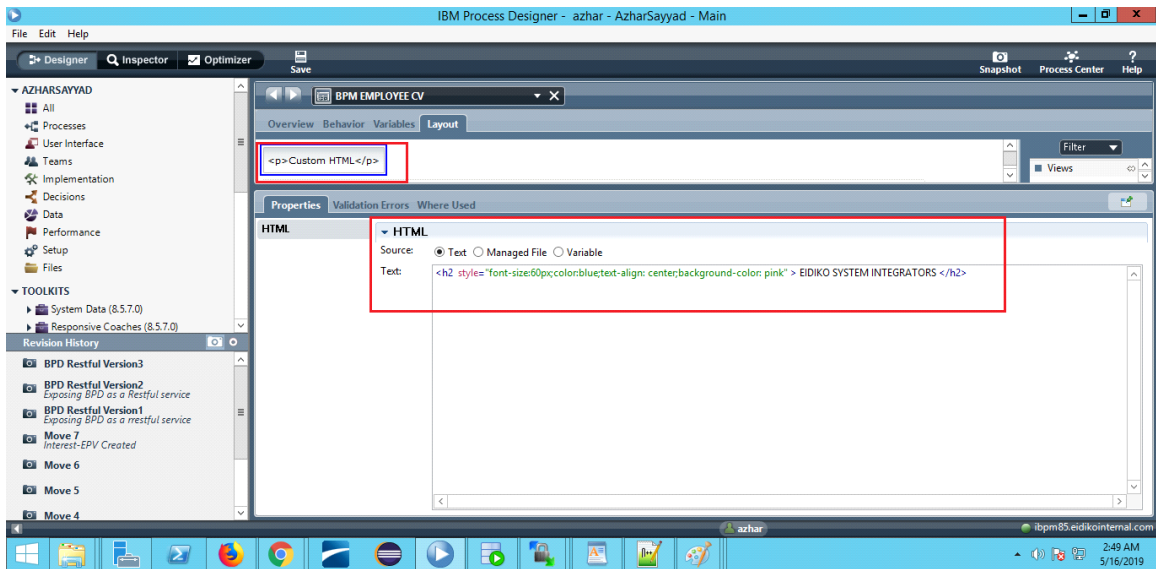
- define the variables as shown below



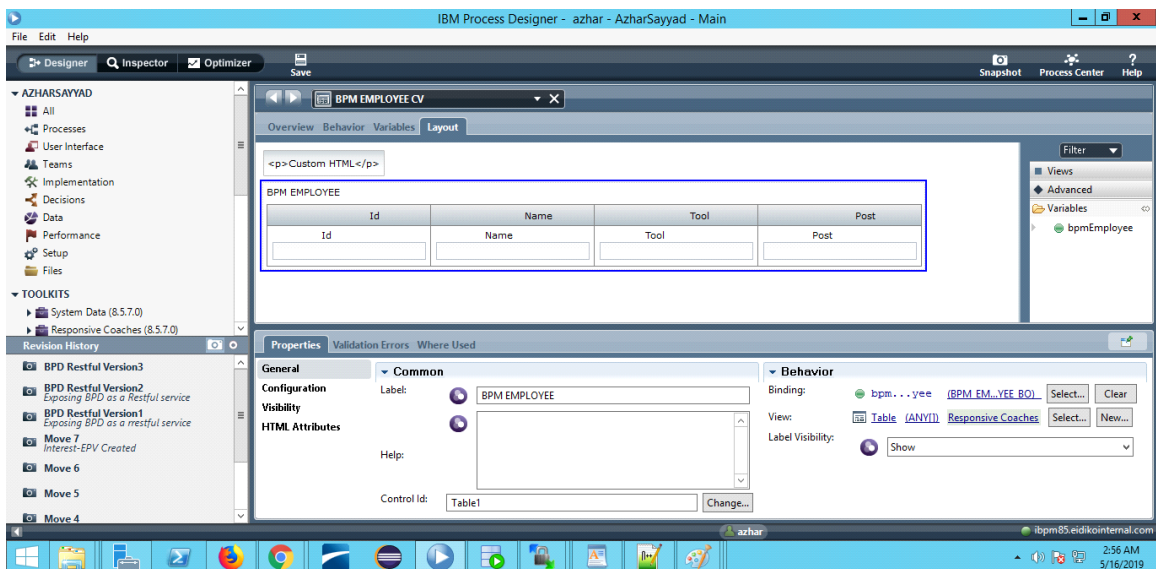
- create coach view give name as BPM EMPLOYEE CV
- define the variable as shown



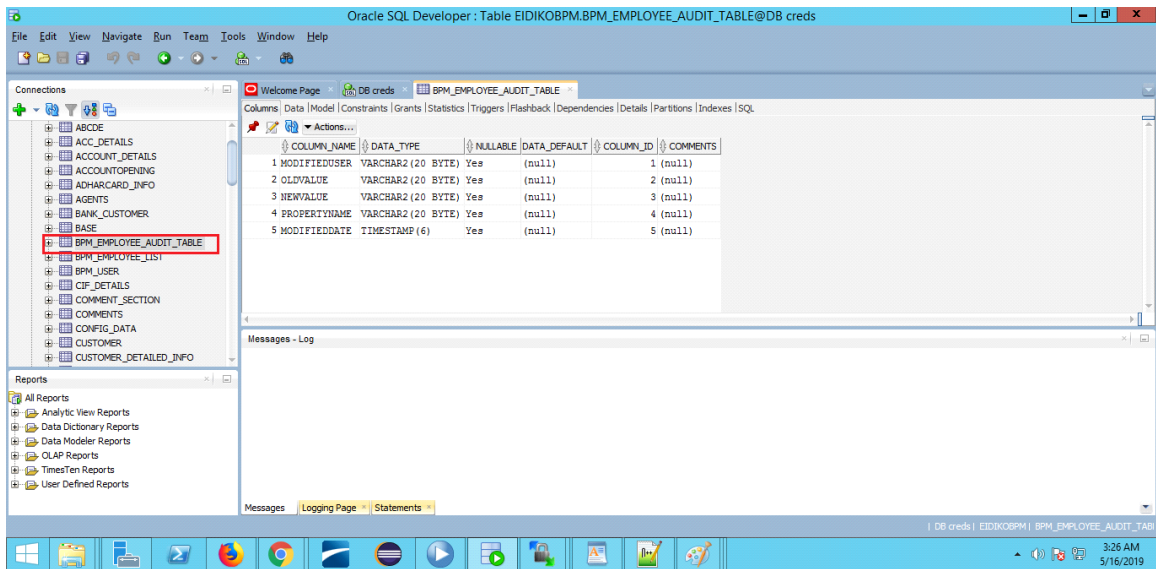
- click on layout tab
- to display the company name drag and drop custom html and write the html code and css for better presentation.



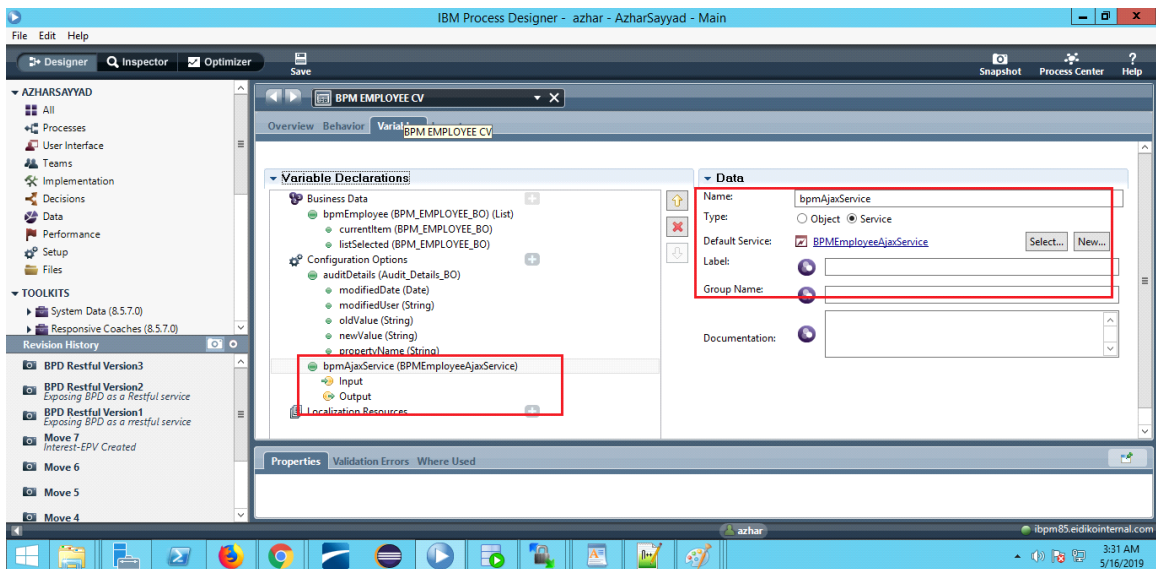
- drag and drop table and bind with bpmEmployee as shown below.



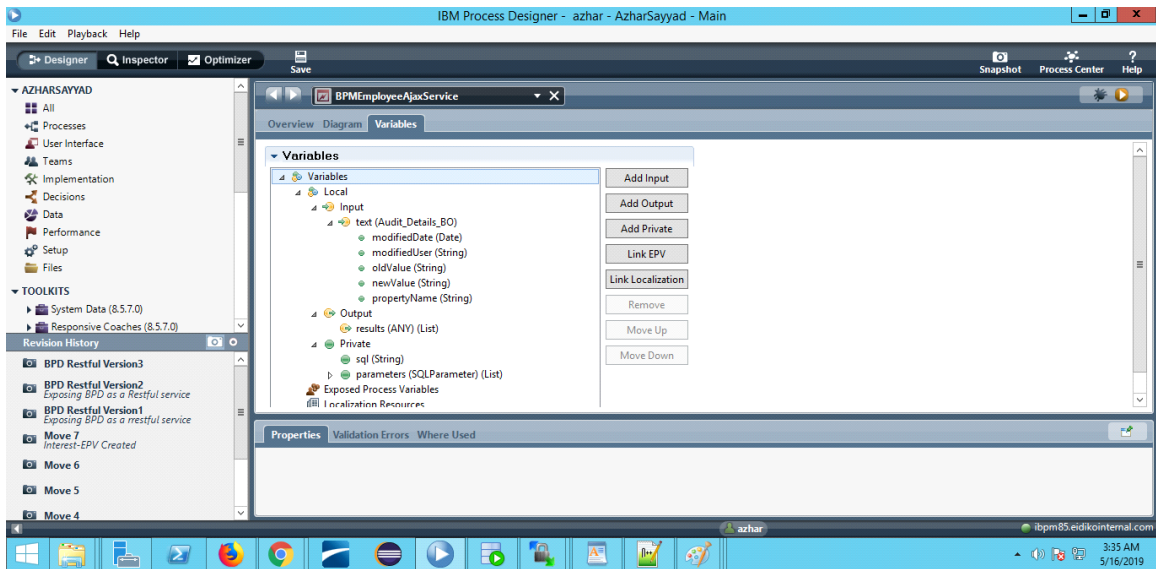
- **Note:** table must be in editable mode(go to the visibility section select table as an editable )
- whenever we are changing any value in the table then what are the changes we did it should be inserted into the database for that we have to use an ajax service.
- we have to create an ajax service and one audit table in sql to store the changes value information.
- create table in sql give name as BPM\_EMPLOYEE\_AUDIT\_TABLE and define the parameters as shown below.



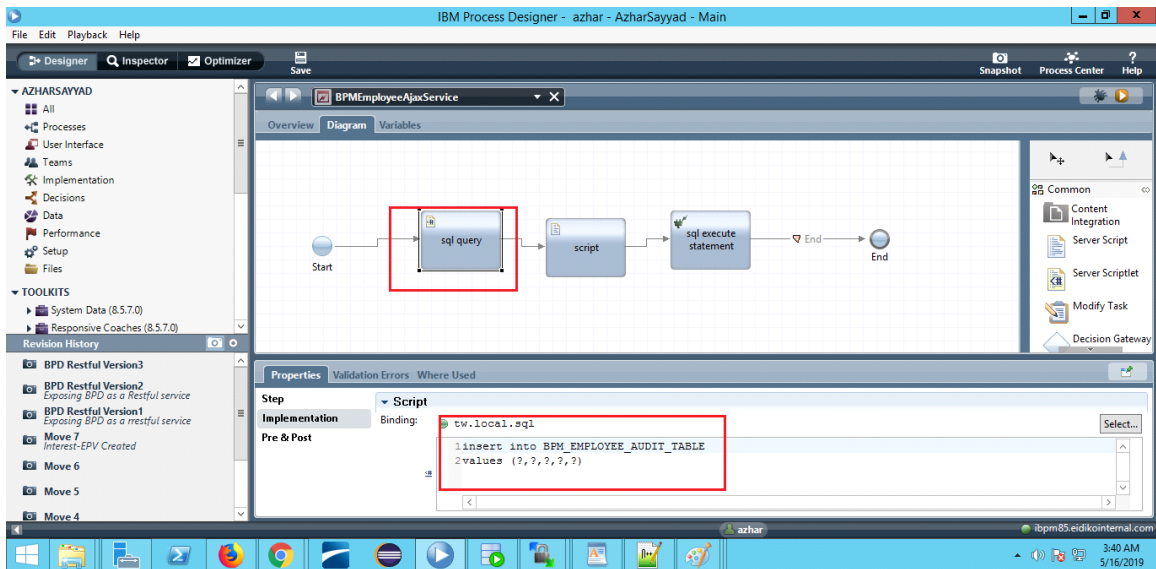
- in coach view select variable section add one configuration variable name as bpmAjaxService and select as service type .
- create an ajax service give name as BPMEmployeeAjaxService



- define the variables in the ajax service

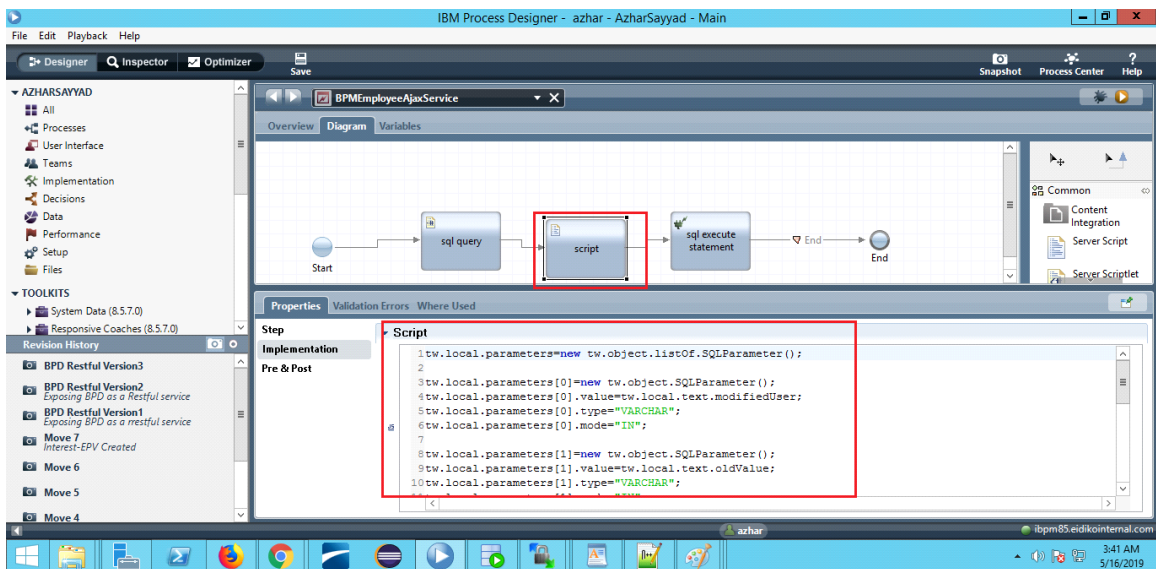


- click on diagram section in ajax service and drag and drop server scriptlet, server script and nested service and attached the sequence flow.

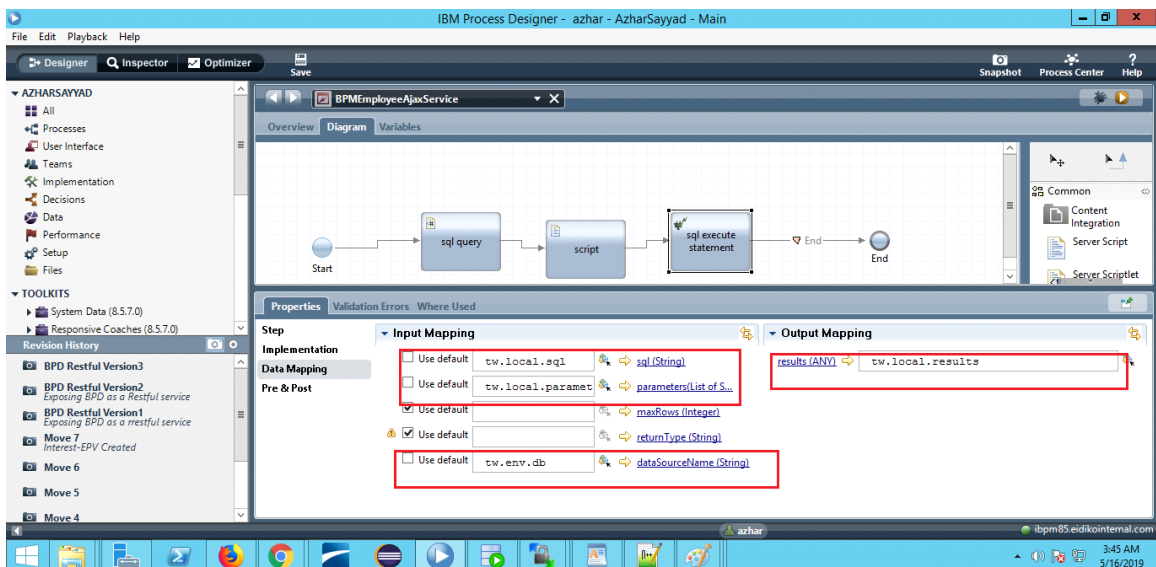


- add all the parameters in server script.





- attached the nested service to SQL Execute Statement
- do the data mapping



- ajax service is completed.
- in coach view click Behaviour section and select view event handler write the following code.

var \_this=this;

alert("changed");

var len=this.context.binding.get("value").items.length;



```

for (var i = 0; i < len; i++) {

    var data=this.context.binding.get("value");

    //alert("in");

    var itemData = data.get(i);

    itemData.bindAll(function(e) {

        var audit={};

        audit['oldValue']=e.oldVal;

        console.log("New Value: "+e.newVal);

        audit['newValue']=e.newVal;

        audit['modifiedUser']=_this.context.bpm.system.user_loginName;

        audit['modifiedDate']=new Date();

        audit['propertyName']=e.property;


        this.context.options.auditDetails.set("value", audit);

        this.context.options.bpmAjaxService({

            params:{'text': audit }

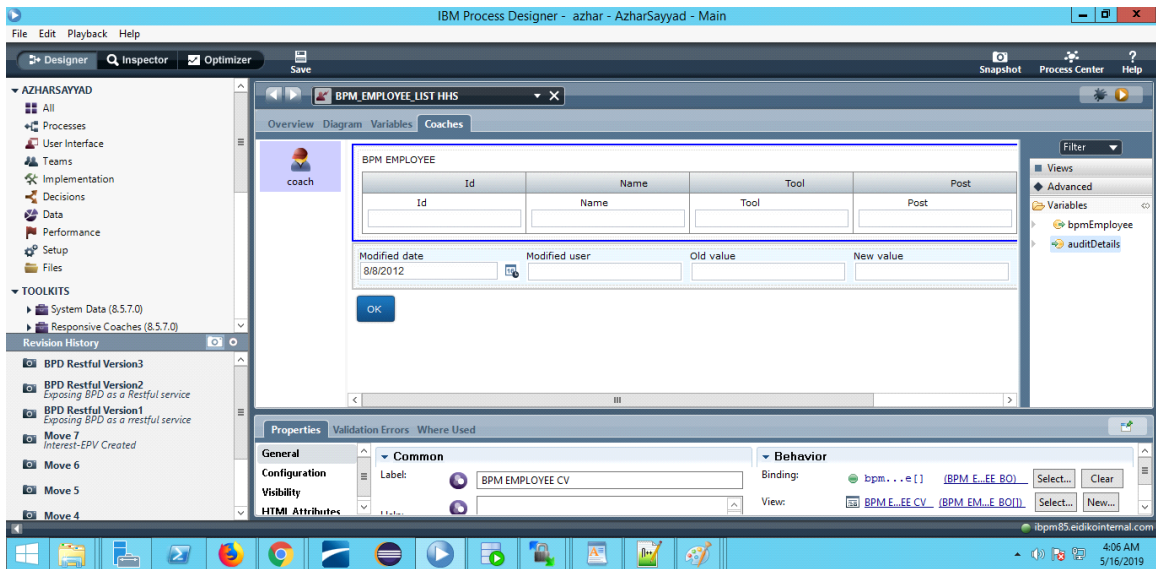
        });

    }, _this);

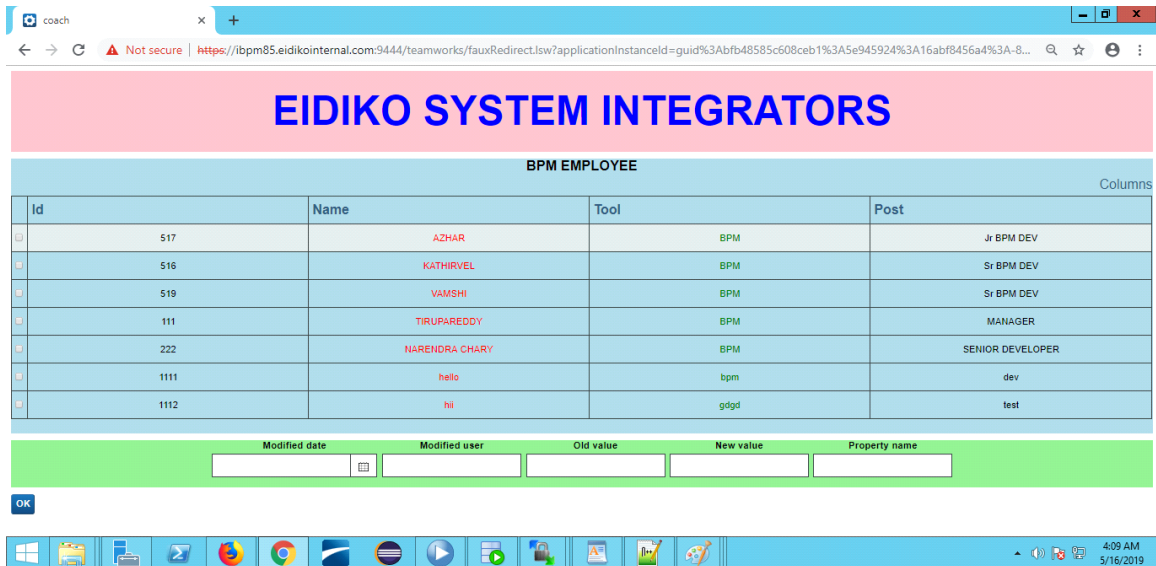
}

```

- coach view also completed
- in heritage human service (BPM\_EMPLOYEE\_LIST HHS) select coaches tab.
- drag and drop the BPM EMPLOYEE CV (coach view)
- drag and drop Horizontal section and add auditDetails variable inside horizontal section.



- run the BPM\_EMPLOYEE\_LIST HHS
- we will get user screen like this



- initially we are not changing any value
- you can change any value after that screen look like this

coach x +

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## EIDIKO SYSTEM INTEGRATORS

### BPM EMPLOYEE

Columns

Id	Name	Tool	Post
517	AZHAR SAYYAD	BPM	Jr BPM DEV
516	KATHIRVEL	BPM	Sr BPM DEV
519	VAMSHI	BPM	Sr BPM DEV
111	TIRUPAREDDY	BPM	MANAGER
222	NARENDRA CHARY	BPM	SENIOR DEVELOPER
1111	hello	bpm	dev
1112	hi	gdgd	test

Modified date	Modified user	Old value	New value	Property name
5/16/2019	azhar	AZHAR	AZHAR SAYYAD	name

OK

4:14 AM 5/16/2019

- it is inserted into the BPM\_EMPLOYEE\_AUDIT\_TABLE.