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ABAP / Fiori Elements – Adding BOPF Create Remove Update Delete (CRUD) Actions to CDS Views: Building from Scratch Walkthrough Part 2

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See Part 1 to see how the data architecture was made.

<https://blogs.sap.com/2019/08/09/abap-fiori-elements-organizing-your-data-architecture-using-cds-views-building-from-scratch-walkthrough-ui-and-logic/>

Note: I will be using ABAP Development Tools for this tutorial.

Note: If you do not know what is BOPF, you should check Oliver Jaegle's blogs on this website. I will only cover how to make actions from BOPF in this blog, not what it is. [This](#) link could be useful, which is the first part of his **BOPF to the future** blogs. Also, [this](#) link could be useful to understand how actions are made (part 7 of his **BOPF to the future** blogs), although I had some difficulties understanding the code because it mentioned some objects that I had no idea what they were. I have added my own documentation in this blog for you to understand the parts that I did not.

In the previous tutorial, I made a data architecture using CDS views. In this tutorial, I am going to add actions to the different entities that composed my data

architecture.

I used an annotation in the previous tutorial called `@UI.facet.targetElement` in the CDS view `ZCPDB_OFFICE_TP`. In this tutorial, the importance of that annotation is going to be shown.

Front-end JSON Code: Displaying Create and Delete Buttons

I finished the previous tutorial by showing the GUI of the created SAP Fiori Elements project. I will reference that project because one of the file is required to get modified from the frontend. The modification of this file will consequently show all of the **Create** and **Delete** buttons to create/ remove some CDS entity's instances. That file is **manifest.json**. This file is created as soon as the SAP Fiori template project is created on SAP Web IDE. You will have to change the **pages** entry, which is inside of the **sap.ui.generic.app** entry, to the below value:

WARNING: The following JSON code is **character sensitive**. If you misspell any CDS view's name or put a capital letter instead of a lowercase letter, you could get weird errors in your application. For example, you could click on the **Create** button generated from an entity and it could return an error. Also, some of the **Create** or **Delete** buttons could be invisible from entries that do not perfectly correspond.

```
"pages": {
  "ListReport|ZCPDB_OFFICE_TP": {
    "entitySet": "ZCPDB_OFFICE_TP",
    "component": {
      "name": "sap.suite.ui.generic.template.ListReport",
      "list": true,
      "settings": {
        "condensedTableLayout": true,
        "smartVariantManagement": true,
        "enableTableFilterInPageVariant": true
      }
    },
  },
  "pages": {
    "ObjectPage|ZCPDB_OFFICE_TP": {
      "entitySet": "ZCPDB_OFFICE_TP",
      "component": {
        "name": "sap.suite.ui.generic.template.ObjectPage"
      },
    },
  },
}
```

```

        "pages": {
            "ObjectPage|to_Workstation": {
                "navigationProperty": "to_Workstation",
                "entitySet": "ZCPDB_WORKSTATION",
                "component": {
                    "name": "sap.suite.ui.generic_ui.list_report"
                }
            },
            "ObjectPage|to_Employee": {
                "navigationProperty": "to_Employee",
                "entitySet": "ZCPDB_EMPLOYEE_TP",
                "component": {
                    "name": "sap.suite.ui.generic_ui.list_report"
                }
            }
        }
    }
}

```

This will generate the missing **Create / Delete** buttons that were not appearing by default. Looking back at the previous tutorial, only a **Create** button was missing for the entity **Employee**. With this JSON input, the **Create** button will appear.

So this snippet of JSON code above describes the flow of your application as seen through the GUI. Here are some things you have to keep in mind to understand the JSON code above:

- **ZCPDB_OFFICE_TP** is the name of my root CDS consumption view (Consumption view = CDS for UI).
- The **entitySet** entry is the name of a CDS consumption view.
- The entries **ObjectPage|to_Workstation** and **ObjectPage|to_Employee** are related to some annotation I used in the **ZCPDB_OFFICE_TP**, which is the **@UI.facet.targetElement** annotation. **ObjectPage** is a certain type of model page that Fiori Elements generates. **to_Workstation** and **to_Employee** relate to the **@UI.facet.targetElement** values **_Workstation** and **_Employee** I have set in the CDS view **ZCPDB_OFFICE_TP**. Notice that the **navigationProperty** uses the same **to_Workstation** and **to_Employee** values.
- Why does the entry **ObjectPage|ZCPDB_OFFICE_TP** does not have a **navigationProperty** nor a **targetElement**? Because it is the root CDS view.
- Notice the **component** entry is always added to describe the type of page that we are using to show the entities. I used a **ListReport** page to show the **Office** entities,

and that changes to **ObjectPage** when I select an **Office** entity.

The **ZCPDB_OFFICE_TP** has two entries with different **components**: one with the prefix **ListReport** and another with the prefix **ObjectPage**. This is because I can see the **Office** entity's information once I have selected it. See my pictures in the conclusion to notice that I see some **Office** information from the **ObjectPage** (all the pictures in the conclusion show the **ObjectPage**)

- Also notice the order of the entries. First, we put the root CDS view **Office** entity **ZCPDB_OFFICE_TP**, the one we see as we open the **ListReport** application. Then, when we click on an **Office** entity, we get information about this **Office**. This is why the entry **ListReport|ZCPDB_OFFICE_TP** contains its own **pages** entry. However, when we click on an **Office** entity, we also see some **Employees** and **Workstations** associated to that **Office**. Thus, the **Office** entity contains **Employees** and **Workstations**. This is why the entry **ObjectPage|ZCPDB_OFFICE_TP** also contains its own **pages** entry.

Creating Custom Actions Using BOPF

Take the case where you would like to modify the gender of one instance of **Employee**. The first thing you are required to do would be to add an action to the entity **Employee** using **BOPF**. To do so, you have to check into the generated **BOPF** Business Object (BO) that gets created when your data architecture has been approved without any errors. See below:

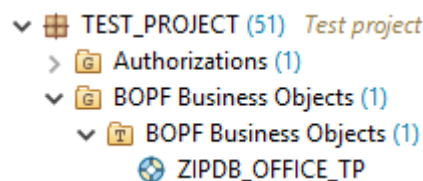


Figure 1.1, BOPF BO in Projects Explorer in Eclipse

The business object is called **ZIPDB_OFFICE_TP**, just like one of the CDS views.

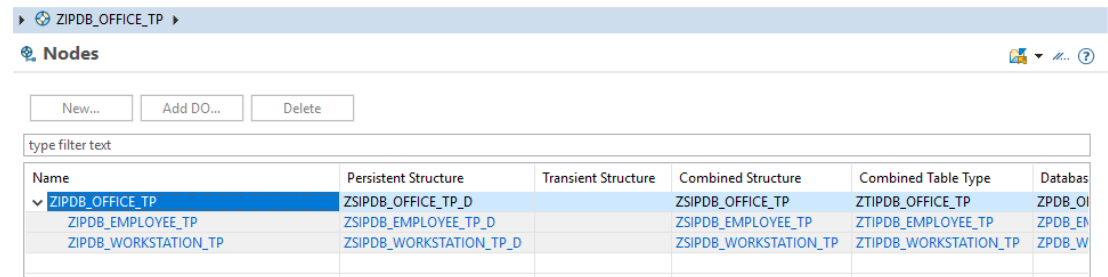
Double click on that object, and you will see the below screenshot. Press on “**Go to the nodes of this BO**” to get to the **Employee** entity.



Figure 1.2, BOPF Main View

This nodes view shows the different nodes of our Business Object (BO). The node **ZIPDB_OFFICE_TP** is the parent node to **ZIPDB_EMPLOYEE_TP** and **ZIPDB_WORKSTATION_TP**. The node **ZIPDB_OFFICE_TP** is also the root node (As you can see, it is the first entry, and that node expands into its children nodes). Remember those as they will be used later in the implementation of the **BOPF** code.

Then press on “**Ctrl+Click**” on the **Name** field of the entity **Employee** called **ZIPDB_EMPLOYEE_TP** (another of the CDS view’s name) to get to that object.

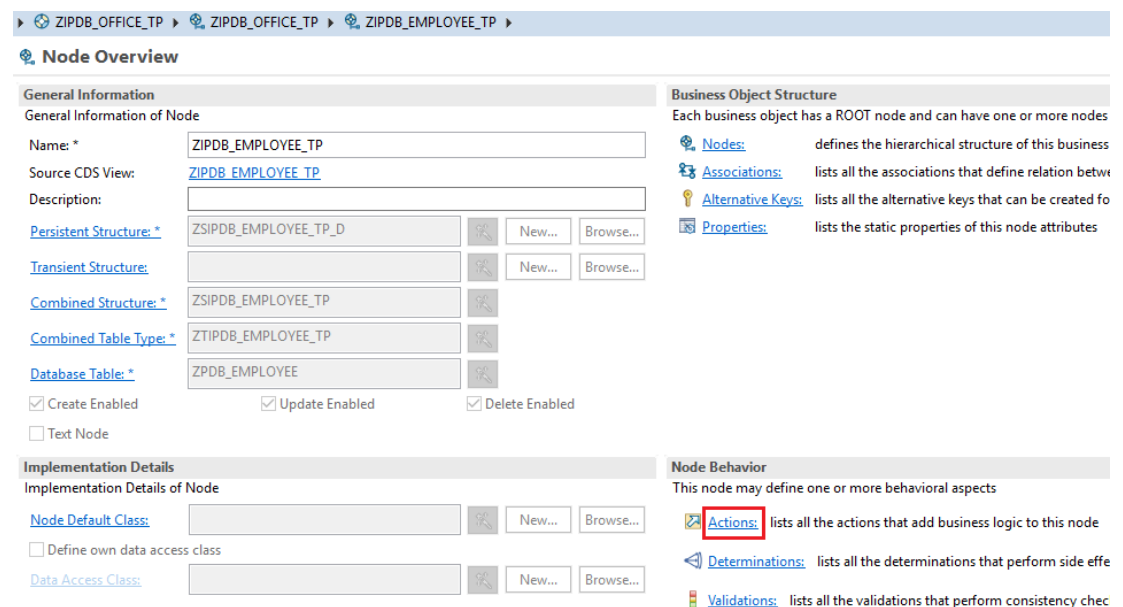


The screenshot shows the 'Nodes' view in SAP BOPF. At the top, there's a breadcrumb trail: ZIPDB_OFFICE_TP. Below it, a 'Nodes' section has buttons for 'New...', 'Add DO...', and 'Delete'. A 'type filter text' input field is present. The main table lists nodes with columns: Name, Persistent Structure, Transient Structure, Combined Structure, Combined Table Type, and Databas. The tree structure is as follows:

Name	Persistent Structure	Transient Structure	Combined Structure	Combined Table Type	Databas
ZIPDB_OFFICE_TP	ZSIPDB_OFFICE_TP_D		ZSIPDB_OFFICE_TP	ZTIPDB_OFFICE_TP	ZPDB_OI
ZIPDB_EMPLOYEE_TP	ZSIPDB_EMPLOYEE_TP_D		ZSIPDB_EMPLOYEE_TP	ZTIPDB_EMPLOYEE_TP	ZPDB_EN
ZIPDB_WORKSTATION_TP	ZSIPDB_WORKSTATION_TP_D		ZSIPDB_WORKSTATION_TP	ZTIPDB_WORKSTATION_TP	ZPDB_W

Figure 1.3, BOPF Nodes View

Then, create the action under the **Employee** entity by clicking on the underlined **Actions**.



The screenshot shows the 'Node Overview' for the 'ZIPDB_EMPLOYEE_TP' node. The breadcrumb trail is ZIPDB_OFFICE_TP > ZIPDB_EMPLOYEE_TP. The 'General Information' section includes fields for Name (ZIPDB_EMPLOYEE_TP), Source CDS View (ZIPDB_EMPLOYEE_TP), Description, and various structure fields (Persistent, Transient, Combined, Table Type, Database Table) with 'New...' and 'Browse...' buttons. There are checkboxes for 'Create Enabled', 'Update Enabled', 'Delete Enabled', and 'Text Node'. The 'Implementation Details' section has fields for 'Node Default Class' and 'Data Access Class', also with 'New...' and 'Browse...' buttons. The right sidebar contains 'Business Object Structure' (explaining ROOT nodes and links to Nodes, Associations, Alternative Keys, Properties) and 'Node Behavior' (explaining behavioral aspects and links to Actions, Determinations, Validations). The 'Actions' link in the Node Behavior section is highlighted with a red box.

Figure 1.4, BOPF Employee Node

Click on the **New...** button to create a new action. This will generate a new popup. Fill it with these values for the purpose of this custom action:

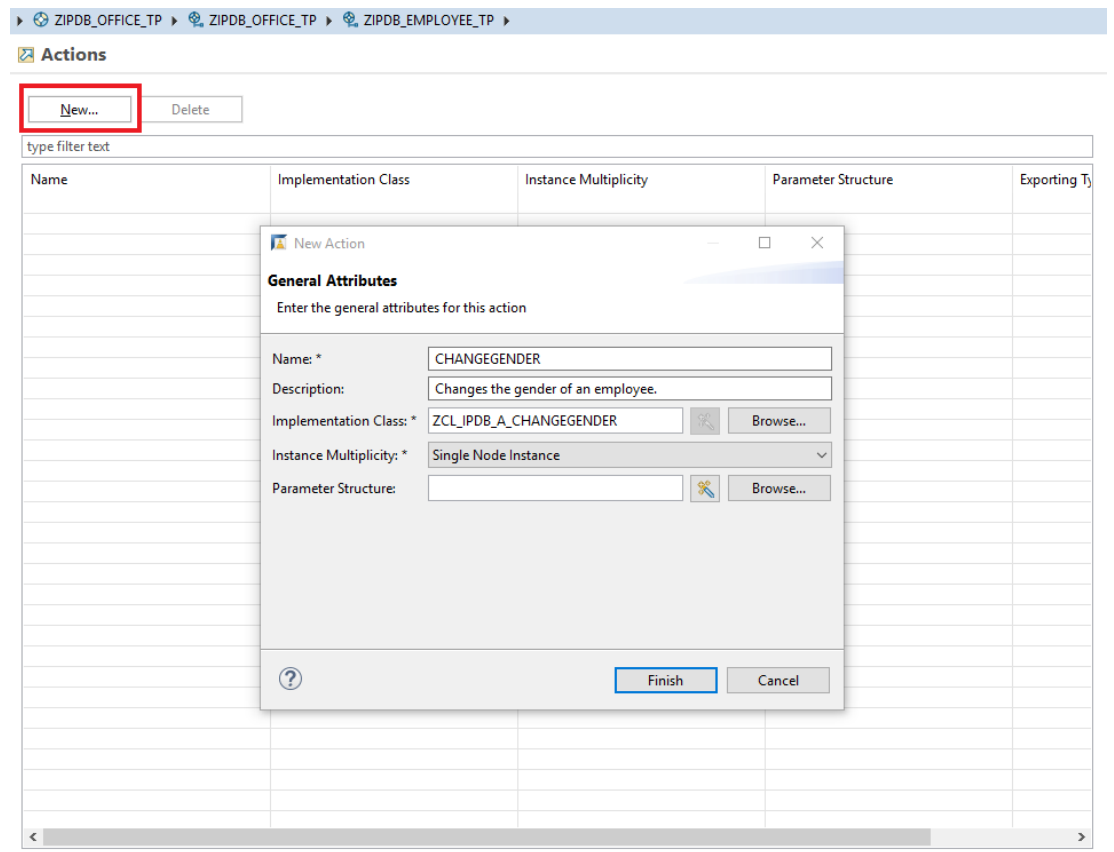


Figure 1.5, BOPF Creating an Action

The **Implementation Class** name is generated by default while typing the name of the action.

I believe the **Instance Multiplicity** parameter defines how many instances you are taking as input.

Click on **Finish**. Then, your action will appear in the list of actions. If it does not, save and activate the BOPF Business Object, or wave your mouse on the first available line from the top and it should appear (no idea why). Then, go into that action by pressing "**Ctrl+Click**", and you will get something similar to the following screen:

ZIPDB_OFFICE_TP > ZIPDB_OFFICE_TP > ZIPDB_EMPLOYEE_TP > CHANGEGENER

Action Overview [Go to the actions of the node](#)



General Information
General Information of Action



Name*: CHANGEGENER


Description:

Instance Multiplicity: Single Node Instance


Implementation Details
Implementation Details of Action


Implementation Class: ZCL_IPDB_A_CHANGEGENER  New...  Browse...


Parameter Structure:  New...  Browse...

Parameter Abstract Entity:  Browse...

Exporting Type: None

Exporting Parameter BO:  Browse...

Exporting Parameter Node:  Browse...

Exporting Parameter Abstract Entity:  Browse...

Exporting Multiplicity: 0...1

☐ Export Parameter is linked to instance

Figure 1.6, BOPF Changing an Action's Parameters

I have already set the **Exporting Type** to **None**. That is because I am returning nothing from the action I am about to create. If you forget to set it to **None**, you will get an error mentioning something about a returned value **ZCPDB_Employee_TPType** from **OData**, because the program is expecting a returned value that you are not giving.

Once you are done, save and activate the BO. Then, create a class with the same name as the implementation class' name. In this case, **ZCL_IPDB_A_CHANGEGENER**.

Coding

In the beginning, after doing some modifications, the class should look like this:

```
class ZCL_IPDB_A_CHANGEGENER definition
public
  inheriting from /BOBF/CL_LIB_A_SUPERCL_SIMPLE
  final
  create public .

public section.
  methods /BOBF/IF_FRW_ACTION~EXECUTE
    redefinition .
protected section.
private section.
ENDCLASS.
```

```

CLASS ZCL_IPDB_A_CHANGEENDER IMPLEMENTATION.

    METHOD /BOBF/IF_FRW_ACTION~EXECUTE.

    ENDMETHOD.

ENDCLASS.

```

The modifications I made show that this class is inheriting from the BOBF class `/BOBF/CL_LIB_A_SUPERCL_SIMPLE`, and that we are going to modify the method `/BOBF/IF_FRW_ACTION~EXECUTE`, which is the method that an action is going to execute. There is another method name when you create a determination or a validation. You can also know that from looking at Oliver Jaegle's blogs.

Constructing the Method CHANGEENDER

Updating and Reading BOPF Instances

```

class ZCL_IPDB_A_CHANGEENDER definition
    public
    inheriting from /BOBF/CL_LIB_A_SUPERCL_SIMPLE
    final
    create public .

public section.
    methods /BOBF/IF_FRW_ACTION~EXECUTE
            redefinition .
protected section.
private section.
ENDCLASS.

```

```

CLASS ZCL_IPDB_A_CHANGEENDER IMPLEMENTATION.

```

```

    METHOD /BOBF/IF_FRW_ACTION~EXECUTE.

```

"Notice the type of the object: where is this object mentioned?

"If you look in bobf, this is the combined table type associated with the action.

```

    data lt_item type ztipdb_employee_tp.

```

"You can find the generated interface in your project structure under the package `BOBF`.


```

"find the right one. You need to know this because the first
"zif_ipdb_office_tp_c, which is the interface for the root of
io_read->retrieve(
exporting
iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
it_key = it_key

importing
et_data = lt_item ).

"now modifying the item. Remember: you received a table of :
"on the items that corresponded with your search criteria for
"Normally returns one result because we are searching for a
LOOP AT lt_item REFERENCE INTO DATA(ls_item).

    "Checks if the employee's gender contains the string 'M'.
    IF ls_item->gender CS 'M'.
        ls_item->gender = 'F'.

    "Checks if the employee's gender contains the string 'F'.
    ELSEIF ls_item->gender CS 'F'.
        ls_item->gender = 'M'.
    ENDIF.

"parameters are pretty easy to understand. iv_node is the
"the key of the entity, and is_data is the data we want to
io_modify->update(
    iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_
    iv_key = ls_item->key
    is_data = ls_item ).

ENDLOOP.

ENDMETHOD.

ENDCLASS.

```

Some of the comments in this code will help you understand what is happening. Also, let me tell you that the method **execute** has different objects it receives as input, such as the **io_read** and **io_modify** objects, which allows you to perform CRUD operations on some data you have. You also received the table **it_key** which gives you the keys for the entity received as input.

The **sc_node** item is what you must use to access the different entities in your BOPF Business Object instance.

io_read->retrieve does the Read operation. All you need to provide the method is **iv_node**, which is the type of entity concerned (in our case, the **Employee** entity. Remember the nodes that made up our Business Object? **Figure 1.3**), and the key, also known as the unique identifier of the object **it_key**. Then, you get your object as a table outputted from the method as **et_data**.

io_modify->update does the Update operation. The only parameter different from **io_read->retrieve** is the **is_data** parameter, which is your new updated object.

Now something that disturbed me when I looked at BOPF tutorials online was that I never knew what some of the code above meant. What is **zif_ipdb_office_tp_c**? What is **ztipdb_employee_tp**?

You will notice in your project architecture that you have an interface that has been generated (I believe at the same time as your BOPF Business Object was generated, which is when your CDS view data architecture has been approved because it has no errors). See the below image.

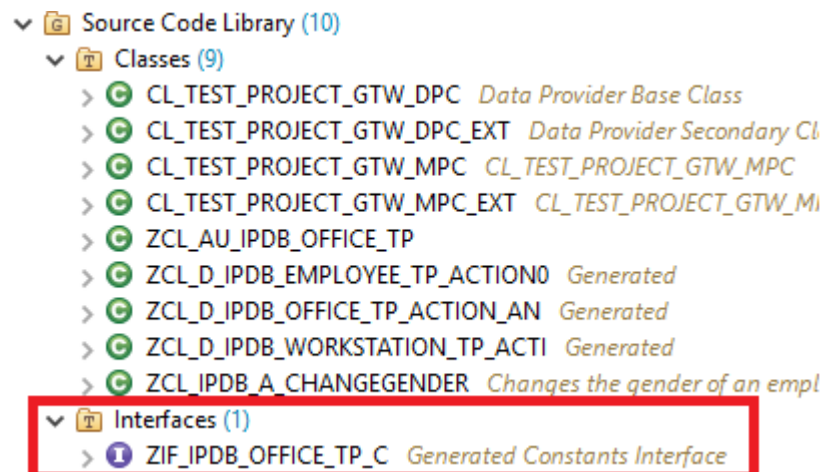


Figure 1.6, BOPF's Generated Interface from the Project Explorer in Eclipse
So that answers your question on where **zif_ipdb_office_tp_c** comes from.

What about **ztipdb_employee_tp**? Or any other weird objects that have a similar name to the CDS view of **ZIPDB_EMPLOYEE_TP**?

You have to look into the generated BOPF object for that. You can type transaction **bobf** or you can go in Eclipse, go to your BOPF generated object **ZIPDB_OFFICE_TP**, and double click on it. Then click on **Go to the nodes of this BO**. This is the screen you will now see. (Same as **Figure 1.3**) Now look at the **Combined Structure** and **Combined Table Type**. The **Combined Table Type** corresponds to the object **ztipdb_employee_tp**.

ZIPDB_OFFICE_TP

Nodes

New... Add DO... Delete

type filter text

Name	Persistent Structure	Transient Structure	Combined Structure	Combined Table Type	Databases
ZIPDB_OFFICE_TP	ZZIPDB_OFFICE_TP_D		ZZIPDB_OFFICE_TP	ZTIPDB_OFFICE_TP	ZPDB_OI
ZIPDB_EMPLOYEE_TP	ZZIPDB_EMPLOYEE_TP_D		ZZIPDB_EMPLOYEE_TP	ZTIPDB_EMPLOYEE_TP	ZPDB_EN
ZIPDB_WORKSTATION_TP	ZZIPDB_WORKSTATION_TP_D		ZZIPDB_WORKSTATION_TP	ZTIPDB_WORKSTATION_TP	ZPDB_W

(Refers back to Figure 1.3, BOPF Nodes View)

Creating Instances with BOPF (Optional)

I wanted to add this because I did struggle a little to find out what were the parameters that this method was requesting.

To create a new employee instance, I used the **io_modify->create** method. I will add this method right after the **io_modify->update** method call, and right before the statement **ENDLOOP**. This is how I did it:

```
io_modify->create(
    iv_source_node_key = zif_ipdb_office_tp_c=>sc_node-zipdb_c
    iv_source_key = ls_item->parent_key
    iv_assoc_key = zif_ipdb_office_tp_c=>sc_association-zipdb_
    iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
    is_data = ls_item
).
```

I will now describe the different parameters of this function.

- **iv_source_node_key**: this is your root node. Look back at the information above **Figure 1.3**.
- **iv_source_key**: this is the parent's node key. This is the key of the **Office** object, which is the root node.
- **iv_assoc_key**: this is the key representing the association between **Office** and **Employee**. **sc_association** is a generated instance variable from the interface. You do not decide of its name. **zipdb_office_tp** is our root node, and **_employee** is the **targetElement** I have set in **ZCPDB_OFFICE_TP** for **Employee**.
- **iv_node**: this is the node that will have this new item. (our new item is of type **Employee**) **sc_node** is a generated instance variable from the interface. You do not decide of its name.
- **is_data**: the data we want this node to contain.

If you do not recall what is a node, go back to **Figure 1.3**. There are 3 nodes in this BO.

Removing Instances with BOPF (Optional)

I added this after the **ENDLOOP** statement. It will remove the currently selected element.

```
io_modify->delete(  
    iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp  
    it_key = it_key  
).
```

The parameters are straight forward now that we have looked at some other CRUD operations, but here is a description of them:

- **iv_node**: this is the node that has the item you want removed (we want to remove an **Employee** instance).
- **it_key**: this is the key of the object you want removed. Remember **it_key** is given as a parameter to this function, **/BOBF/IF_FRW_ACTION~EXECUTE**.

If you do not know what is a node, go back to **Figure 1.3**. There are 3 nodes in this BO.

Final Method Implementation if you Followed the Optional Parts

This is what the code looks like after having followed the optional parts:

```
class ZCL_IPDB_A_CHANGEENDER definition  
    public  
    inheriting from /BOBF/CL_LIB_A_SUPERCL_SIMPLE  
    final  
    create public .  
  
    public section.  
        methods /BOBF/IF_FRW_ACTION~EXECUTE  
            redefinition .  
    protected section.  
    private section.  
ENDCLASS.
```

```
CLASS ZCL_IPDB_A_CHANGEENDER IMPLEMENTATION.
```

```
METHOD /BOBF/IF_FRW_ACTION~EXECUTE.
```

"Notice the type of the object: where is this object mentioned?

"If you look in bobf, this is the combined table type associated with the object:

```
data lt_item type ztipdb_employee_tp.
```

"You can find the generated interface in your project structure
 "find the right one. You need to know this because the first
 "zif_ipdb_office_tp_c, which is the interface for the root of
 io_read->retrieve(
 exporting
 iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
 it_key = it_key

importing
 et_data = lt_item).

"now modifying the item. Remember: you received a table of
 "on the items that corresponded with your search criteria for
 "Normally returns one result because we are searching for a
 LOOP AT lt_item REFERENCE INTO DATA(ls_item).

"Checks if the employee's gender contains the string 'M'.
 IF ls_item->gender CS 'M'.
 ls_item->gender = 'F'.

"Checks if the employee's gender contains the string 'F'.
 ELSEIF ls_item->gender CS 'F'.
 ls_item->gender = 'M'.
 ENDIF.

"parameters are pretty easy to understand. iv_node is the
 "the key of the entity, and is_data is the data we want to
 io_modify->update(
 iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
 iv_key = ls_item->key
 is_data = ls_item).

io_modify->create(
 iv_source_node_key = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
 iv_source_key = ls_item->parent_key
 iv_assoc_key = zif_ipdb_office_tp_c=>sc_association-zipdb_employee_tp
 iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
 is_data = ls_item
).

ENDLOOP.

io_modify->delete(
 iv_node = zif_ipdb_office_tp_c=>sc_node-zipdb_employee_tp
 it_key = it_key
).

```
ENDMETHOD.
```

```
ENDCLASS.
```

CDS View Modifications

After the method is done, you have to add it to the right consumption view where this method will be used. In my case, that would be the consumption view of the **Employee** entity, called **ZCPDB_EMPLOYEE_TP**.

I will thus add the following lines to the consumption view **ZCPDB_EMPLOYEE_TP** (look for the ones that have the comment **//this line below must be added** above them. The rest of the lines are provided for context):

```
...
@Search.searchable: true
@VDM.viewType: #CONSUMPTION
define view ZCPDB_EMPLOYEE_TP as select from ZIPDB_EMPLOYEE_TP
    association [1..1] to ZCPDB_OFFICE_TP as _Office on $projectio
{

    @UI: {
        facet: [
            {
                label: 'Employee',
                id: 'employeeId',
                position: 10,
                type: #COLLECTION
            },
            {
                parentId: 'employeeId',
                type: #FIELDGROUP_REFERENCE,
                targetQualifier: 'employeeIdFG'
            }
        ],
        //this line below must be added.
        identification: [{ position: 10, importance: #HIGH, type

    }

    @UI.lineItem.position: 10
    //this line below must be added.
```

```
@UI.lineItem: [ {type: #FOR_ACTION, dataAction: 'BOPF:CHANGE  
@UI.hidden: true  
key ZIPDB_EMPLOYEE_TP.employeeuuid,  
...
```

Notice that the two lines to be added have the parameter **type**, which describes the type of event (we created an action, so **#FOR_ACTION**), the parameter **dataAction**, which selects the action we want with this entity (it must start with **BOPF:** followed by the name of the action, which is **CHANGE GENDER** – Refer to **Figure 1.6**) and then the parameter **label**, which is the text that will be inside the button doing the action.

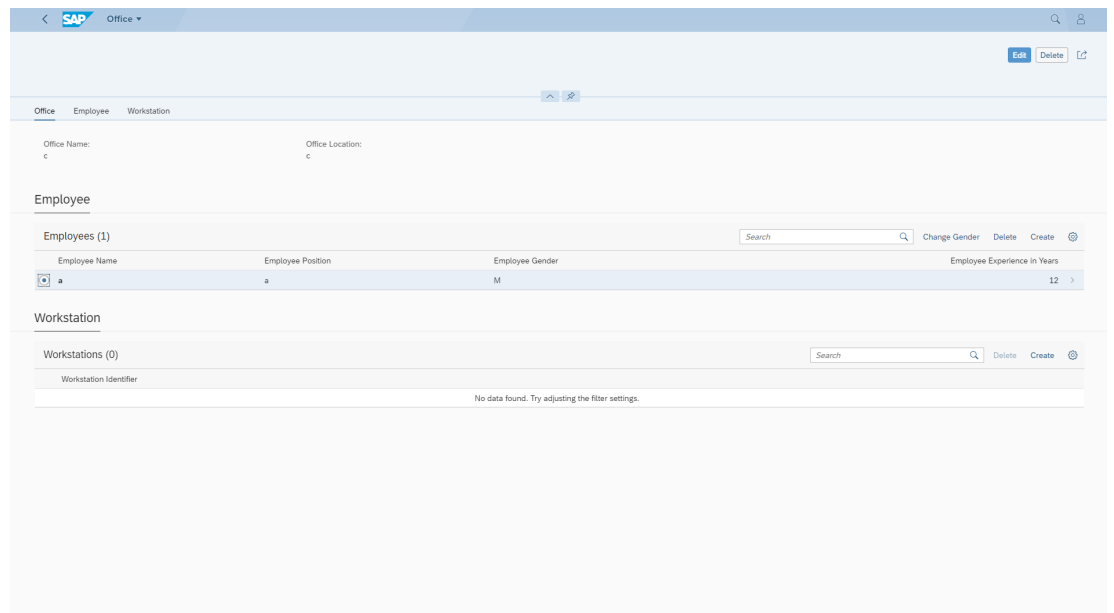
Conclusion

After all those steps, you will end up with this view of your Office entity. This is an Office instance I created with name 'c' and location 'c' with no Employee or Workstation instance.

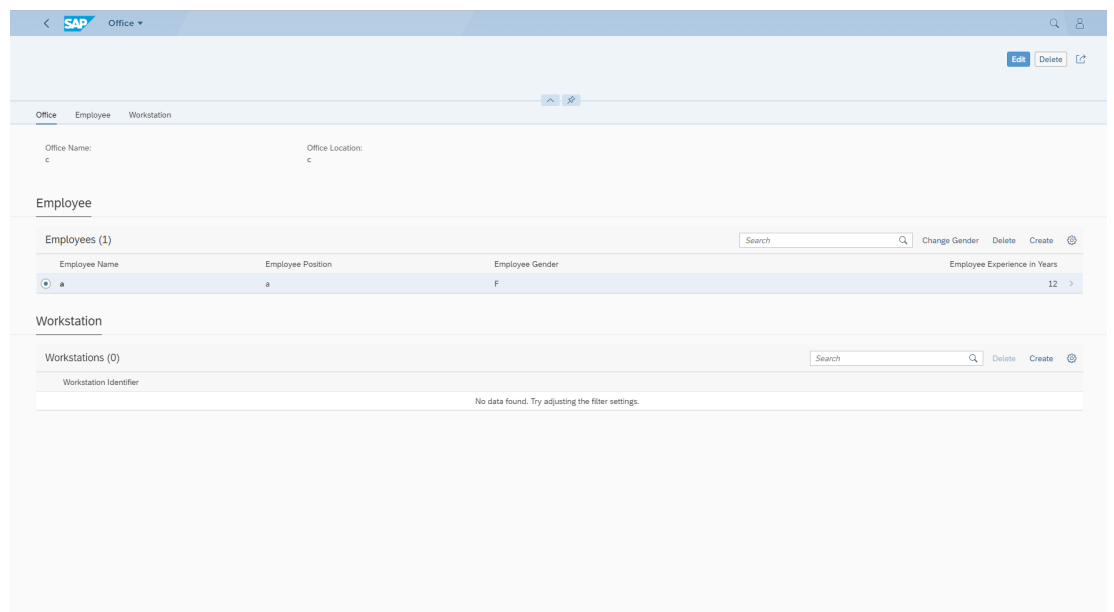
Edit: You might have noticed there is no mention of OData. This is because there is nothing you need to do with OData: your OData project will create automatically a function import for the **Change Gender** action.

The screenshot shows the SAP Fiori 'Manage Office' application interface. At the top, there are tabs for 'Office', 'Employee', and 'Workstation'. The 'Employee' tab is currently selected. Below the tabs, the 'Office' details are shown: 'Office Name: c' and 'Office Location: c'. The main section is titled 'Employee' and shows 'Employees (0)'. There is a search bar and a 'Change Gender' button. Below this, a table with columns 'Employee Name', 'Employee Position', 'Employee Gender', and 'Employee Experience in Years' is displayed. A message 'No data found. Try adjusting the filter settings.' is shown. At the bottom, the 'Workstation' section is visible, showing 'Workstations (0)' and a similar search bar and table structure.

Once you add an Employee instance, and you select it by clicking on the circle that will be to the left of the entity, the button “Change Gender” that we created will enable itself.



Then, if all goes well, you should see that the gender of the employee changed after you clicked on the button 'Change Gender'.



In conclusion, this tutorial covered how to add all the **Create/Delete** buttons of the different entities as well as adding custom actions with **BOPF**.

Hope this tutorial was helpful to you. Happy coding!

-Alexandre Therrien

Alert Moderator

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fiori elements

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Michelle Crapo

August 30, 2019 at 11:33 am

Very nice. Step by step is always appreciated. The screen shots are a nice touch too. I hate to even guess how long this took you to put together.

Excellent!

Michelle

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Alexandre Therrien | Blog Post Author

August 30, 2019 at 1:16 pm

Thank you! I really appreciate it!

Alex

Like 2 | Share



Mahesh Kumar Palavalli

August 30, 2019 at 4:13 pm

Very informative series [Alexandre Therrien](#)

Hope to see more ABAP Programming model concepts being covered in the future blogs 😊

Thanks,

Mahesh

Like 2 | Share



Nabheet Madan

September 4, 2019 at 1:01 am

Thanks for the nice blog Alex. One small correction

"Create Remove Update Delete (CRUD) Actions to CDS Views" should be "Create Read Update Delete (CRUD) Actions to CDS Views"

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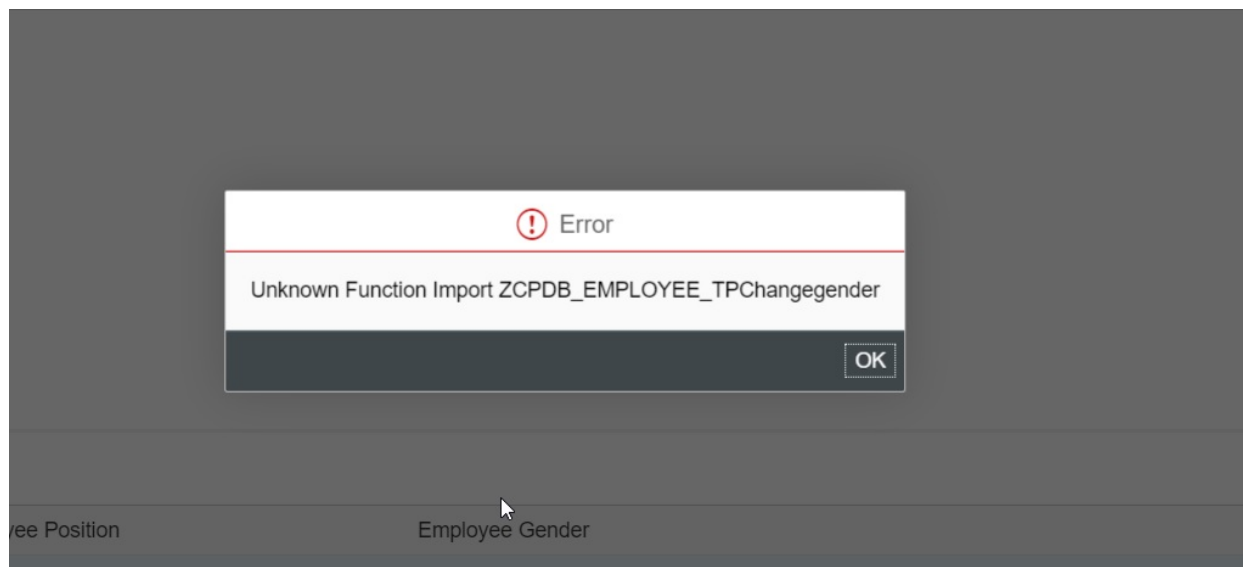
vikas gupta

January 6, 2020 at 2:48 pm

Thanks Alex for this blog.

I followed your blog and succesfully created the FIORI App but i got the error while creating the action button.

[Mahesh Kumar Palavalli](#) Please look into this if you can help too.



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Giuseppina Montenegro

April 20, 2020 at 3:20 pm

Thank's a lot for the walkthrough, it is very detailed!

I followed the step-by-step tutorial but my 'Change Gender' action in my Fiori app is disabled.
If I test the action from the trx BOBX it works!

I would be very grateful if you could help me.

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