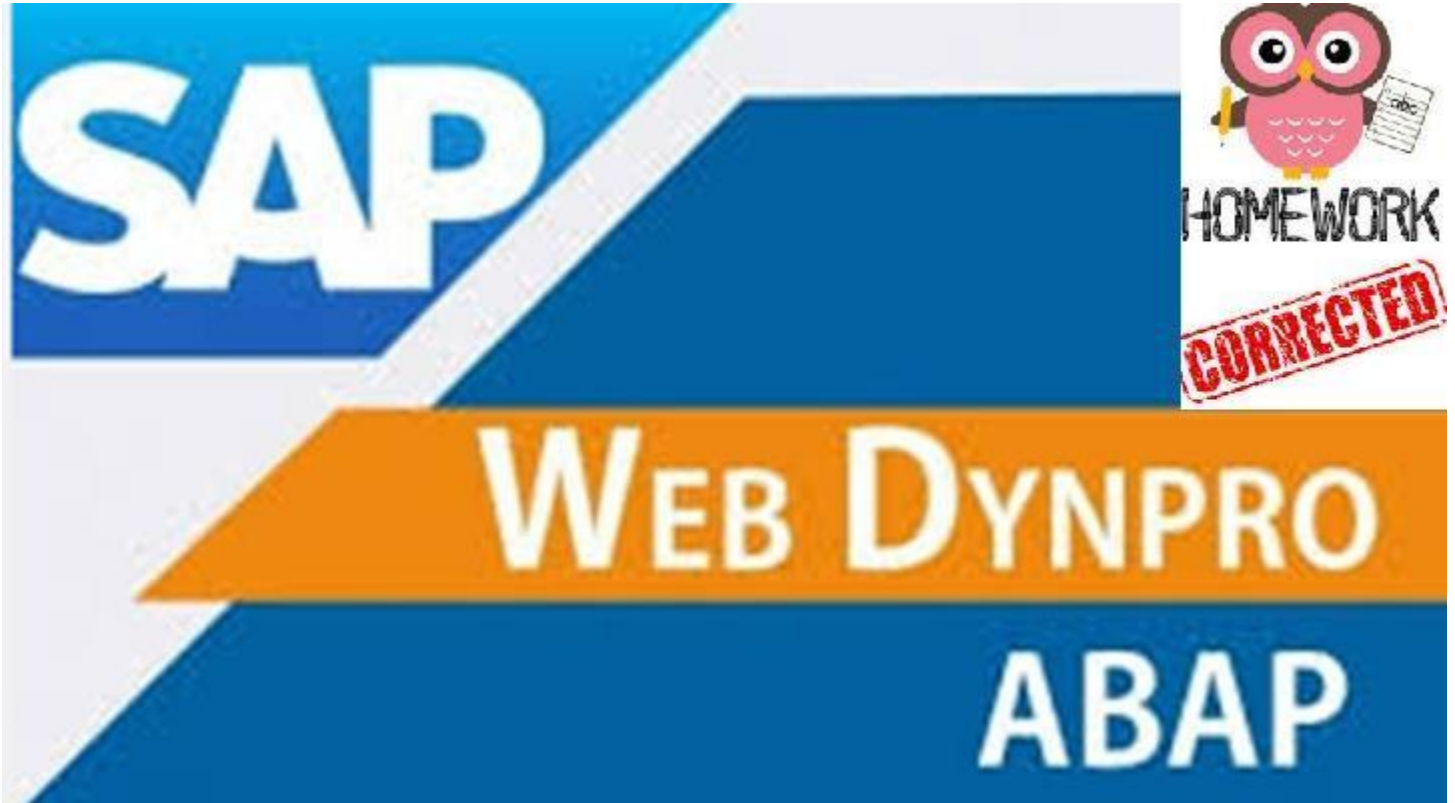


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Status In Development

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Initial version by Igor Muntoreanu

1) Homework: create a new select-option in the screen with the Country. Do not forget to do the filtering.

a. Go to the MAIN view, inside the INIT method, do:

```
* Create a range table that consists of this new data element
lt_range_table = wd_this->m_handler->create_range_table( i_typename = 'LAND1' ).
* Add a new field to the selection
wd_this->m_handler->add_selection_field( i_id = 'S_COUNTRY'
it_result = lt_range_table i_read_only = read_only ).
```

Result:

Created on: To

Country Key: To

Search Results

User	First name	Last name

b. Go to the Assistance Class, and do:

Edit the method SELECT_USERS:

Class/Interface: ZCL_IMUNTOR_SELECT_OPTIONS Implemented / A

Properties Interfaces Friends Attributes Methods Events

Method parameters: SELECT_USERS

Methods Exceptions

Parameter	Type	P...	O...	Typing ...	Associated Type
IM_ERDAT	Importing	<input type="checkbox"/>	<input type="checkbox"/>	Type	RANGE_DATE_T
EX_USER_DETAILS	Exporting	<input type="checkbox"/>	<input type="checkbox"/>	Type	ZWD_USER_DETAIL...

Create a new Importing Parameter as shown below:

Method parameters: SELECT_USERS

Methods Exceptions

Parameter	Type	P...	O...	Typing ...	Associated Type	Default value	Description
IM_ERDAT	Importing	<input type="checkbox"/>	<input type="checkbox"/>	Type	RANGE_DATE_T		Table Type for RANGE_D
IM_COUNTRY	Importing	<input type="checkbox"/>	<input type="checkbox"/>	Type	USS_YT_RANGE_CO...		Range Table Type for Co
EX_USER_DETAILS	Exporting	<input type="checkbox"/>	<input type="checkbox"/>	Type	ZWD_USER_DETAIL...		ZWD_USER_DETAILS_T

Go to the Source Code and change as demonstrated below:

```

8      lr_country      TYPE RANGE OF land1.
9
10     lr_erdat[]      = im_erdat[] .
11     lr_country[]    = im_country[] .
12
13 IF ls_address-country IN lr_country.
14
15     ls_user_details-username      = <fs_usr02>-bname.
16     ls_user_details-erdat         = <fs_usr02>-erdat.
17
18     ls_user_details-firstname     = ls_address-firstname.
19     ls_user_details-lastname      = ls_address-lastname.
20     ls_user_details-street        = ls_address-street.
21     ls_user_details-city          = ls_address-city.
22     ls_user_details-region        = ls_address-region.
23     ls_user_details-e_mail        = ls_address-e_mail.
24     ls_user_details-country       = ls_address-country.
25
26     APPEND ls_user_details TO ex_user_details.
27     CLEAR ls_user_details.
28 ENDIF.

```

- c. Go to the Action tab in the MAIN view, inside the SEARCH action, do:

```

1  METHOD onactionsearch.
2
3      DATA(lr_erdat) = wd_this->m_handler->get_range_table_of_sel_field( i_id = 'S_ERDAT' ).
4      DATA(lr_country) = wd_this->m_handler->get_range_table_of_sel_field( i_id = 'S_COUNTRY' ).
5
6      ASSIGN lr_erdat->* TO FIELD-SYMBOL(<fs_r_erdat>).
7      ASSIGN lr_country->* TO FIELD-SYMBOL(<fs_r_country>).
8
9      DATA(o_assistance) = NEW zcl_imuntor_select_options( ).
10
11     CALL METHOD o_assistance->select_users
12     EXPORTING
13         im_erdat      = <fs_r_erdat>
14         im_country    = <fs_r_country>
15     IMPORTING
16         ex_user_details = DATA(lt_user_details).
17
18     DATA(node_user_contact) = wd_context->get_child_node( name = 'USER_CONTACT' ).
19     node_user_contact->bind_elements( lt_user_details ).
20
21 ENDMETHOD.

```

d. Execute the Application:

Select Options - Internet Explorer

http://q4de3gsy577.m1.sl-si.com:8000/sap/bc/webdynpro/sap/z

Created on: To

Country Key: To

Search Results

User	First name	Last name	Street	City
IMUNTORE	Igor	Muntoreanu	Rua Ingo Hering	Blumena
JEADRAEG	Jean Paulo	Draeger	Rua Ingo Hering	Blumena

2) Disable the interval of the Country.

View MAIN Active

Properties Layout Inbound Plugs Outbound Plugs Context Attributes Actions

Method List Method

Method WDDOINIT

```

16
17 wd_this->m_wd_select_options = wd_this->wd_cpifc_select_option
18 * Init the Selection Screen
19 wd_this->m_handler = wd_this->m_wd_select_options->init_select
20 wd_this->m_handler->set_global_options(
21     i_display_btn_cancel = abap_false
22     i_display_btn_check = abap_false
23     i_display_btn_reset = abap_false
24     i_display_btn_execute = abap_false
25
26 * I_NO_COMPLEX_RESTRICTIONS lists of this new data element
27 * I_NO_EXTENSION handler->create_range_table( i_typ
28 * I_NO_INTERVALS on
29 * I_OBLIGATORY ion_field( i_id = 'S_ERDAT'
30 * I_READ_ONLY read_only = read_only ).
31 * I_SUGGEST_FILTER_METHOD
32 * I_SUGGEST_VALUES lists of this new data element
33 * I_TOOLTIP handler->create_range_table( i_typ
34 * I_USE_COMPLEX_RESTRICTION on
35 * I_VALUE_HELP_ID ion_field( i_id = 'S_COUNTRY'
36 read_only = read_only
37 .
38
39 ENDMETHOD.

```

```

* Add a new field to the selection
wd_this->m_handler->add_selection_field( i_id = 'S_COUNTRY'
it_result = lt_range_table i_read_only = read_only
i_no_intervals = abap_true ).

```

Result:

3) Create a Search Help to the Country Key Field.

For this case we will use the following

Interface IF_WD_SELECT_OPTIONS Implemented / Active							
Properties Interfaces Attributes Methods Events Types Aliases							
Method parameters ADD_SELECTION_FIELD							
Methods Exceptions							
Parameter	Type	P...	O...	Typing ...	Associated Type	Default value	Description
I_VALUE_HELP_TYPE	Importi...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Like	IF_WD_VALUE_HEL...	IF_WD_VALUE...	Type of Search Help
I VALUE HELP ID	Importi...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	WDY VALUE HELP ...		Name of Search Help / OVS Co...

Go to the MAIN View in the INIT method:

```

34▶ * Add a new field to the selection
35▶ wd_this->m_handler->add_selection_field( i_id = 'S_COUNTRY'
36▶ it_result = lt_range_table i_read_only = read_only
37▶ i no intervals = abap true
38▶ i_value_help_type = if_wd_value_help_handler=>co_prefix_searchhelp
39▶ i_value_help_id = 'H_TOOS_LAND'
40▶ ) .
41▶
42▶ ENDMETHOD .

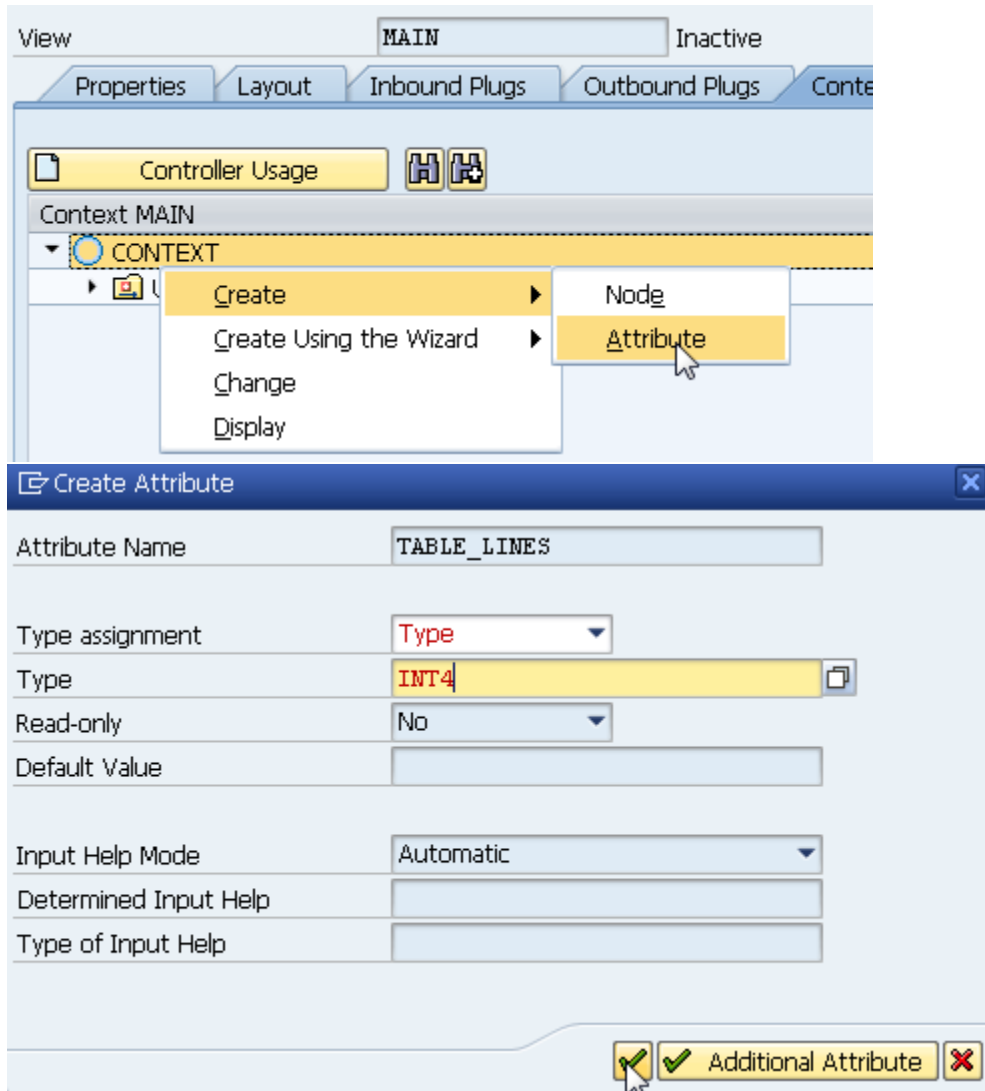
```

Result:

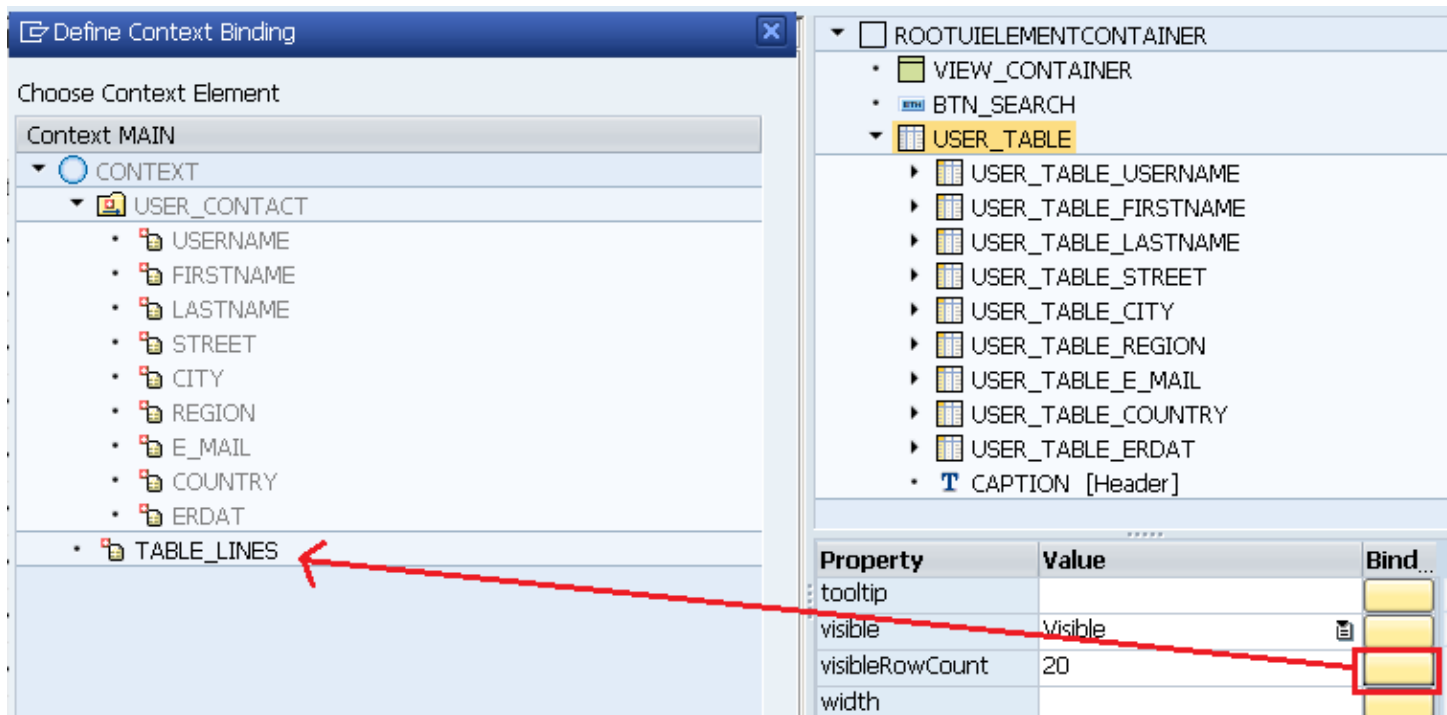
It also comes with an autocomplete solution.

- 4) Set the table element from the view dynamic. If the final table returns 3 Users, the table count should have 3 rows.

Go to the MAIN View. Create a new attribute in the Context:



Bind the following in Layout tab:



Go to the methods tab. Open the method WDDOMMODIFYVIEW Code like below:

Call the Code wizard 