



Version 1.0

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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:

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.

```

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.