Version 1.0
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Number 3
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 ).
```
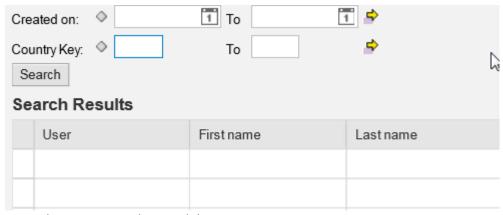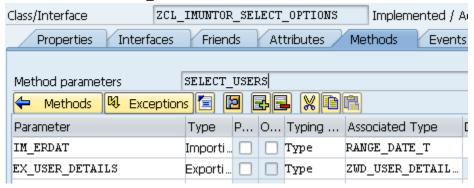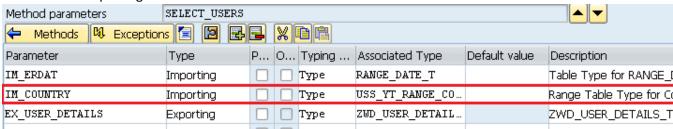
Result:

    b. Go to the Assistance Class, and do:

Edit the method SELECT_USERS:
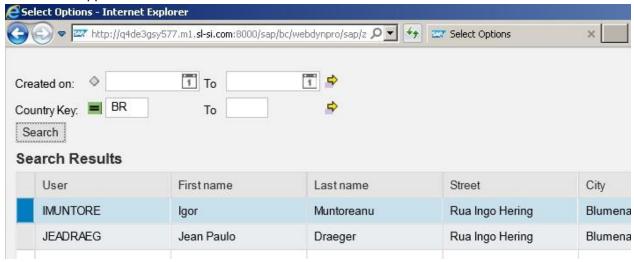

Create a new Importing Parameter as shown below:

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[].

IF ls_address-country IN lr_country.

    ls_user_details-username        = <fs_usr02>-bname.
    ls_user_details-erdat           = <fs_usr02>-erdat.

    ls_user_details-firstname       = ls_address-firstname.
    ls_user_details-lastname        = ls_address-lastname.
    ls_user_details-street          = ls_address-street.
    ls_user_details-city            = ls_address-city.
    ls_user_details-region          = ls_address-region.
    ls_user_details-e_mail          = ls_address-e_mail.
    ls_user_details-country         = ls_address-country.

    APPEND ls_user_details TO ex_user_details.
    CLEAR ls_user_details.
ENDIF.
```
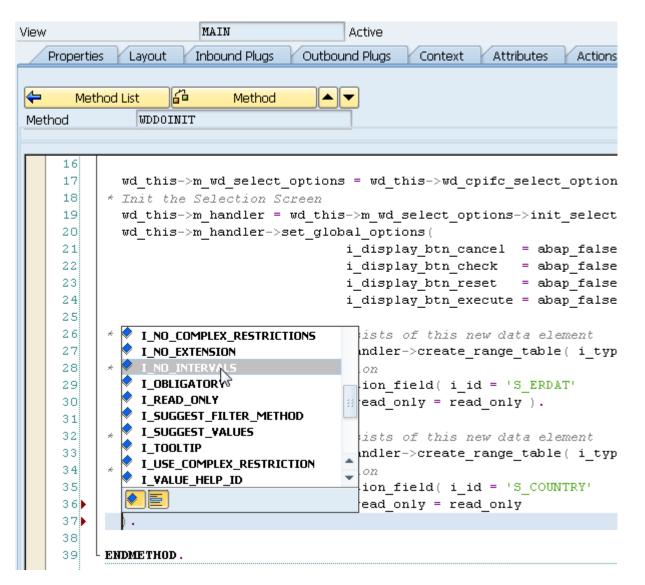
c. Go to the Action tab in the MAIN view, inside the SEARCH action, do:

```
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.
```
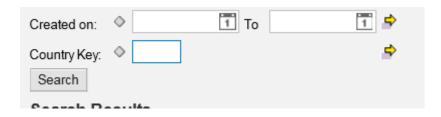
d. Execute the Application:

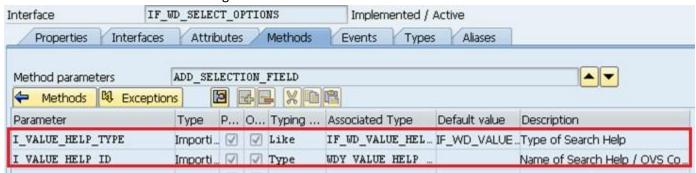**2)** Disable the interval of the Country.

```
* 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 ) .
```
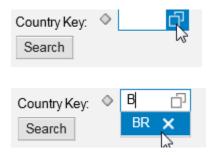
Result:

Created on: ◇ [　　　] 🗓 To [　　　] 🗓 ➡

Country Key: ◇ [　　　]   ➡

[Search]

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...	✓	✓	Like	IF_WD_VALUE_HEL...	IF_WD_VALUE...	Type of Search Help
I_VALUE_HELP_ID	Importi...	✓	✓	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_T005_LAND'
40 ▶     ).
41 ▶
42 ▶   ENDMETHOD .
```

Result:

Country Key: ◇ [　　　] 🗗
[Search]

Country Key: ◇ [B|　] 🗗
[Search]   BR ✕

It also comes with an autocomplete solution.