Working with the Function Builder



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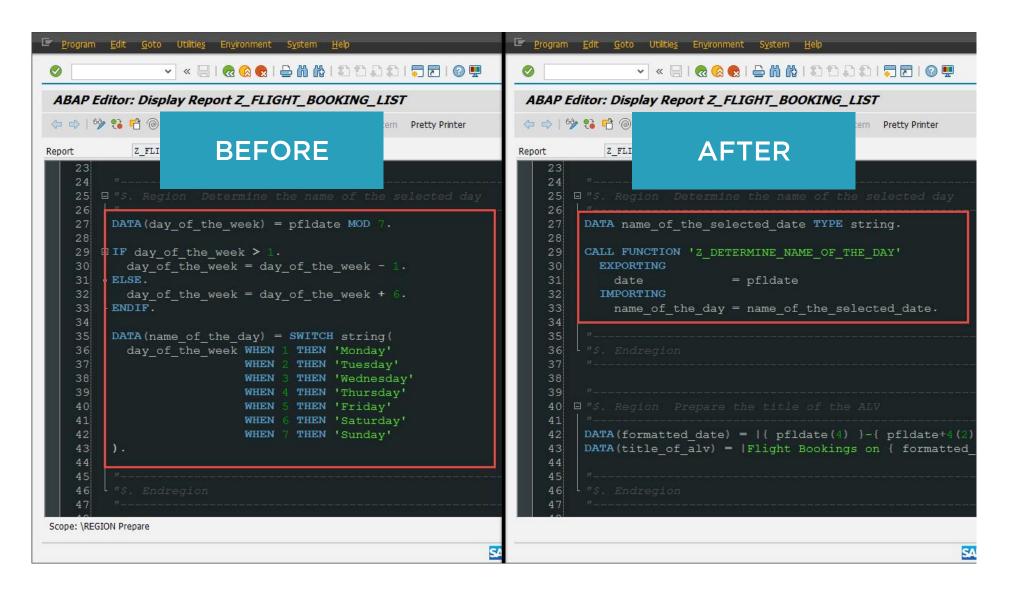
@abapmentor http://abapmentor.expertise-team.com/



TRANSACTION_CALL_VIA_RFC | RS_PROGRAM_CHECK_NAME | RS_CORR_INSERT | REPS_OI RS_DELETE_PROGRAM | RS_ACCESS_PERMISSION | CALCULATE_DATE | **DATE_TO_DAY** | DATE RP_CALC_DATE_IN_INTERVAL | DAY_ATTRIBUTES_GET | MONTHS_BETWEEN_TWO_DATES | E HR_HK_DIFF_BT_2_DATES | FIMA_DAYS_AND_MC <u>Function Module Edit Goto Utilities Environment System Help</u> 🗸 🔍 🔚 | 🚳 🙆 🚱 | 🖶 🛗 📸 | 🖏 🖒 🕽 🖅 | 🔞 🖫 HRGPBS_HESA_DATE_FORMAT | SD_CALC_DURA Function Builder: Display DATE_TO_DAY HR_99S_INTERVAL_BETWEEN_DATES | LAST_DA' Function module DATE_TO_DAY Active DAY_IN_WEEK | SD_DATETIME_DIFFERENCE | HO Import Export Changing Tables Exceptions Attributes DATE CONVERT TO FACTORYDATE | F4_DATE | day p = date MOD 7. REUSE_ALV_GRID_DISPLAY | REUSE_ALV_FIELDQ IF day p > 1. day p = day p - 1. CHANGEDOCUMENT_READ | CLOI_PUT_SIGN_IN_ ELSE. 20 day p = day p + 6.ENDIF.

Source code 21 CONVERSION_EXIT_ALPHA_OUTPUT | READ_EXC CASE day p. 24 WHEN 1. weekday = text-dmo. SAPGUI_PROGRESS_INDICATOR | FILENAME_GET 26 WHEN 2. 27 weekday = text-ddi.WHEN 3. weekday = text-dmi. 29 30 weekday = text-ddo.

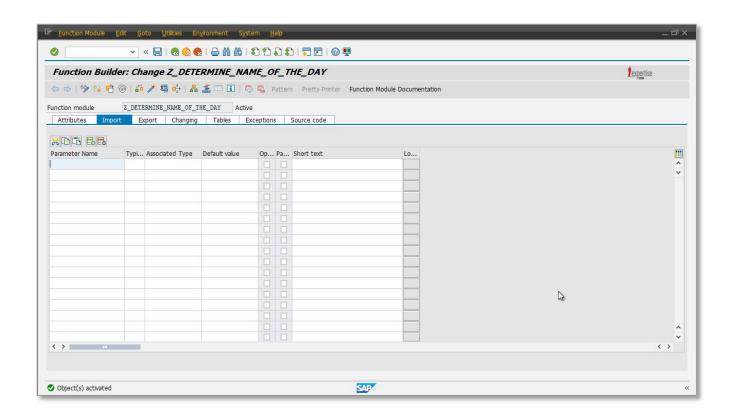
The Goal of This Module





Creating the Function Module

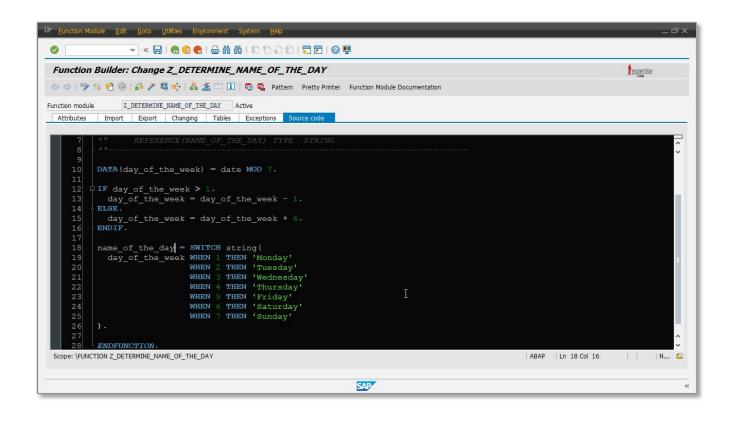






Implementing the Function Module







Calling the Function Module



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ABAP Editor: Change Report Z_FLIGHT_BOOKING_LIST
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             Z FLIGHT BOOKING LIST
          DATA name_of_the_selected_date TYPE string.
          CALL FUNCTION 'Z_DETERMINE_NAME_OF_THE_DAY'
            IMPORTING
              name_of_the_day = name_of_the_selected_date.
         DATA(formatted_date) = |{ pfldate(4) }-{ pfldate+4(2) }-{ pfldate+6(2) }|.
DATA(title_of_alv) = |Flight Bookings on { formatted_date }, { name_of_the_selected_date }|.
                                                                                                                 | ABAP | Ln 43 Col 89 | | N... 6
```



Next

Creating the Function Module

Fühenon module



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Report 2. First, Docking List Actve

23
24
25
26
DATA name_of_the_selected_date TYPE string.

29
20
CALL FUNCTION 's DETERMINE NAME of the DAY'
EXPONETING
33
34
35
36
37
38
39
40
41
DATA (formatted_date) = ((pfidate(i)) i-(pfidate*(ii)) i-(pfidate*(ii))).

42
BATA (title_of_slv) = [Vlight Hookings on (formatted_date), (name_of_the_selected_date)].

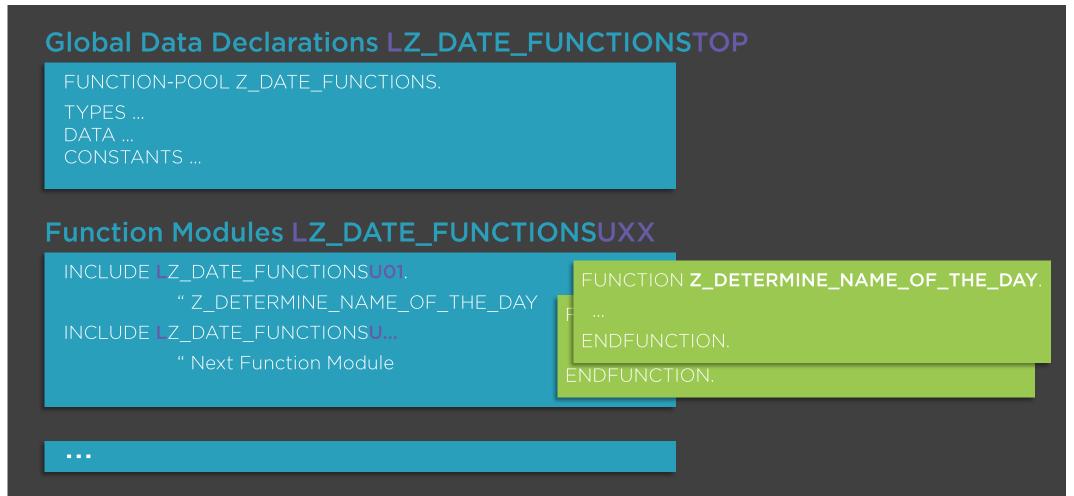
44
45
46
46
47
BATA (title_of_slv) = [Vlight Hookings on (formatted_date), (name_of_the_selected_date)].
```

Creating the Function Module



Architecture of the Function Modules

Main Program SAPLZ_DATE_FUNCTIONS





Implementing the Function Module



Calling the Function Module



Summary



Working with the Function Builder

- How to create Function Modules
- How to call Function Modules

What are the benefits?

- No need to implement it one more time
- Reduces the development costs
- You can change it on a central place
- Improves the consistency
- Makes your source code more readable



Last Module

Working with the Class Builder



What are the benefits?

- No need to implement it one more time
- Reduces the development costs
- You can change it on a central place
- Improves the consistency
- Makes your source code more readable

