

Homework Lektion 7

TODO

- Copy report ZXXX_HW6 into the new ZXXX_HW7 and change as follows:
 - Selection screen should have new radio button group with 5 values:
 - "Display with write"
 - "Display in ALV grid"
 - "Display in ALV list"
 - "Display with Smart Form"
 - "Display with PDF Form"
- Create new class ZCL_XXX_HW7_GRID_VIEW, implement interface ZIF_XXX_HW6_VIEW and implement the method "ON_SHOW_DATA" for displaying data on UI using ALV Grid (cl_salv_table)
- Create new class ZCL_XXX_HW7_ALV_VIEW, implement interface ZIF_XXX_HW6_VIEW and implement the method "ON_SHOW_DATA" for displaying data on UI using ALV list (cl_salv_table)
 - Enable the following functions:
 - Functional button bar
 - Striped List
 - Heading should be "Homework for lection 7 - ALV"
 - Columns header (please put data element heading to all 3 short, medium and long labels)
 - Sorting (please set by default customer/vendor field)
 - Layout settings (to enable report execution with the predefined layout)
- Adjust the algorithm of your View Factory class ZCL_XXX_HW6_VIEW_FACTORY:
 - Method get_view() should create an instance of one of the 5 View classes (for simple Write, ALV grid, ALV list, PDF, Smart Form for displaying data on UI)
- Create a Smart style ZXXX_SMS_HW07 with all the paragraphs you need during the development of this homework
 - Supplement the style with new paragraphs when needed
- Create Smart form ZXXX_SMF_HW07 which displays information according to the personal task (use table type of your structure in the interface). Please use style above ZXXX_SMS_HW07. SMF should have:
 - Header with LeverX logo (take from our site) and address (on each page)
 - Please do not hardcode the address but take this from the company code data (see BAPI BAPI_COMPANYCODE_GETDETAIL).
 - Use address SMF element
 - Footer with the name of the user who is printing the report (user login + name + last name – see SCN how to find this information), current page and total number of pages (on each page)
 - Heading, e.g. "Cars" (on first page)
 - Table element displaying the information
 - Table element should have a header which must be printed on each new page
 - Table element should have a footer showing how many objects were displayed. E.g. – "86 cars" (at the end of the table)
- Create PDF form ZXXX_PDF_HW07 with the same content as Smart form
- Please try to create your forms in the most attractive way (fonts, sizes, layout etc) and do not forget about errors/exceptions handling
- Create new class ZCL_XXX_HW7_SMF_VIEW with interface ZIF_XXX_HW6_VIEW and implement the method "ON_SHOW_DATA" to display data on UI using SMF

- Create new class ZCL_XXX_HW7_PDF_VIEW with interface ZIF_XXX_HW6_VIEW and implement the method "ON_SHOW_DATA" with displaying data on UI using PDF
- Check transactions SOST, SBWP and read about BCS

TO READ

- Related SAP HELP (<http://help.sap.com/>) links:
 - [ALV grid control \(CL_GUI_ALV_GRID\)](#)
 - [SAP list viewer \(CL_SALV_TABLE\)](#)
 - [Control framework](#)
 - [SAP Printing guide](#)
 - [Smart Forms](#)
 - [PDF Forms](#)
 - [Business communication services \(BCS\)](#)
- SCN links
 - [Smart Forms](#)