

```

*&-----*
*& Report  ZP_EXCEL_DEMO
*&
*&-----*
*&
*&
*&-----*

```

```
REPORT  ZP_EXCEL_DEMO.
```

```

parameters:    datei like rlgrap-filename
                default 'C:\Users\Peter\Desktop\Demo.xlsx',
                visible as checkbox default 'X'.

```

```

data row type i.
data: text(100).

```

```
include ole2incl.
```

```
* handles for OLE objects
```

```

data: excel      type ole2_object,      " Excel object
      workbooks  type ole2_object,      " list of workbooks
      worksheets type ole2_object,
      active_window type ole2_object,  " active window
      range      type ole2_object,
      cell_out   type ole2_object,      " cell
      cell_in    type ole2_object.      " cell.

```

```
start-of-selection.
```

```
*-----*
```

```
* create instance...
```

```
create object excel 'EXCEL.APPLICATION'.
```

```
* set invisible
```

```
if visible = 'X'.
```

```
set property of excel 'Visible' = 1.
```

```
endif.
```

```
*-----*
```

```
* open existing file
```

```
call method of excel 'Workbooks' = workbooks.
```

```
call method of workbooks 'OPEN'
```

```
EXPORTING
```

```
#1 = datei.
```

```
*****
```

```
row = 1.
```

```
perform header using 1 'Tabelle 1'.
```

```
add 1 to row.
```

```

perform fill_cell using 2 'Tabelle 1' 'Dies ist die Tabelle 1.'.

* perform fill_cell using '2' 'Tabelle 3' 'Dies ist die Tabelle 3.'.

row = 3.
do 100 times.
    add 1 to row.
    text = 'Dies ist die Zeile #.'.
    write row to text+20(4).
    perform fill_cell using 3 'Tabelle 1' text.
enddo.

* quit excel and free abap objects
call method of excel 'QUIT'.
free object range.
free object worksheets.
free object workbooks.
free object excel.

*&-----*
*&      Form  header
*&-----*
*      text
*-----*
form header using nr name.

data: col(4).

row = 1.
col = nr.

call method of excel 'Sheets' = worksheets
EXPORTING
    #nr = name.

call method of worksheets 'Activate'.
get property of excel 'ACTIVESHEET' = worksheets.

* get cell (output)
call method of excel 'Cells' = cell_out
EXPORTING
    #1 = row      "Zeile
    #2 = col.     "Spalte

* set value of cell
set property of cell_out 'Value' = 'Dies ist eine Demonstration'.

endform.                "header

```

```

*&-----*
*&      Form  fill_cell
*&-----*
*      text
*-----*
*      -->NR      text
*      -->NAME    text
*      -->WERT    text
*-----*

```

```
form fill_cell using nr name wert.
```

```
data: col(4).
```

```
call method of excel 'Sheets' = worksheets
```

```
EXPORTING
```

```
#nr = name.
```

```
call method of worksheets 'Activate'.
```

```
get property of excel 'ACTIVESHEET' = worksheets.
```

```
col = nr.
```

```
* get cell (output)
```

```
call method of excel 'Cells' = cell_out
```

```
EXPORTING
```

```
#1 = row      "Zeile
```

```
#2 = col.     "Spalte
```

```
* set value of cell
```

```
set property of cell_out 'Value' = wert.
```

```
* call method of cell_out 'Interior' = excelinterior.
```

```
* SET PROPERTY OF excelinterior 'ColorIndex' = farbe.
```

```
* call method of cell_out 'Font' = font.
```

```
* SET PROPERTY OF font 'Bold' = 'True'.
```

```
endform.                  "fill_cell
```

```
at selection-screen on value-request for datei.
```

```
call function 'WS_FILENAME_GET'
```

```
EXPORTING
    def_filename      = datei
    def_path          = '/'
    mask              = ',*.*,*.*.'
    mode              = '0'
    title             = 'Datei: '(025)
IMPORTING
    filename          = datei
EXCEPTIONS
    selection_cancel = 1.
check sy-subrc = 0.
```