USER AND CUSTOMER EXITS.

First of all we must know the difference between user and customer exits. User exits are available only for SD module whereas customer exits are available for all the modules such as MM, SD, FI, etc.

Technically talking, user exits make use of forms (subroutines) whereas customer exits make use of Function modules. So, user exits have the option to access global data but in case of customer exits we can only access the import/export/changing/tables parameters of the Function modules. This makes user exits flexible and inconsistent and customer exits restrictive and consistent.

A user exit is considered a modification, since technically objects in SAP namespace are modified. Customer exits do not affect standard SAP source code.

Customer exits can be further classified as 1) Function module exits 2) Screen exits 3) Menu exits.

Function module exits: Allow customer to add code via a function module at a specific location in an SAP application program.

Menu exits: Allow customer to add items to a pull down menu in a standard SAP program.

Screen exits: Allow customer to add fields to a screen in an SAP program via a subscreen.

Now, how to locate a customer exit for a standard transaction. We will take the example of transaction VA01 which is used to create sales orders. Open VA01.

The screen given appears:

Now, go to SYSTEM tab on top and choose status. The screen given below will appear:
Global Search in Programs

Program | Found locs/short description
--------|-----------------------------
M06_SAPMV45A TFPLB SELECT | 14 call customer-function '404'
MV45AF0A AG_VORSCHLAGEN | 26 CALL CUSTOMER-FUNCTION '002'
                         |   EXPORTING
                         |     I_TVAK = TVAK
                         |     I_TVTA = TVTA
                         |     I_VKGRP = DEFAULT_VKGRP
                         |     I_VKBUR = DEFAULT_VKBUR
                         |   IMPORTING
                         |     E_KUNNR = KUAGV-KUNNR.
MV45AF0B BELEG_SICHERN | 911 CALL CUSTOMER-FUNCTION '003'
                         |   EXPORTING
                         |     XVBAK = VBAK
                         |     XVBUK = VBUK
                         |     XKKM = LVS_KKM
                         |   IMPORTING
                         |     LVF_SUBRC = LVF_SUBRC
                         |   TABLES
                         |     XVBD = XVBD
                         |     XVFA = XVFA
                         |     XVPR = XVPR

ABAP Editor: Display Include MV45AF0A AG_VORSCHLAGEN

Include | Active
---------|--------
MV45AF0A AG_VORSCHLAGEN |

CALL CUSTOMER-FUNCTION '002'
EXPORTING
  I_TVAK = TVAK
  I_TVTA = TVTA
  I_VKGRP = DEFAULT_VKGRP
  I_VKBUR = DEFAULT_VKBUR
IMPORTING
  E_KUNNR = KUAGV-KUNNR.
CHECK NOT KUAGV-KUNNR IS INITIAL.
CLEAR VTCOMAG.
VTCOMAG-KUNNR = KUAGV-KUNNR.
CALL FUNCTION 'VIEW_KUAG2'
EXPORTING

**FUNCTION EXIT_SAPMV45A_002.**

```
**""lokale Schnittstelle:
**
**"" IMPORTING
**
**"" VALUE(I_TVAK) LIKE TVAK STRUCTURE TVAK
**
**"" VALUE(I_TVTA) LIKE TVTA STRUCTURE TVTA
**
**"" VALUE(I_VKGRO) LIKE VBAK-VKGRP
**
**"" VALUE(I_KVBUR) LIKE VBAK-VKDBUR
**
**"" EXPORTING
**
**"" VALUE(I_KUNNR) LIKE KNA1-KUNNR
**
**
INCLUDE ZXVVAU04.

ENDFUNCTION.
```
### Table MODSAP Display

<table>
<thead>
<tr>
<th>Enhancement</th>
<th>(NAME)</th>
<th>0VRF0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component type</td>
<td></td>
<td>E</td>
</tr>
<tr>
<td>Enhancement</td>
<td>(MEMBER)</td>
<td>EXIT_SAPLOVRF_001</td>
</tr>
</tbody>
</table>

### Components in SAP Enhancement 0VRF0001

#### Function module exits

- **Function module**: EXIT_SAPLOVRF_001
- **Short Text**: Customer-Specific Route Determination

#### Function codes

<table>
<thead>
<tr>
<th>Program</th>
<th>Code</th>
<th>Short text</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Screen areas</th>
</tr>
</thead>
</table>
### Data Browser: Table MODACT Select Entries

#### Table: MODACT

**Displayed Fields:** 8 of 8  **Fixed Columns:** Yes  **List Width:** 6200

<table>
<thead>
<tr>
<th>Project</th>
<th>Component type</th>
<th>Enhancement</th>
<th>Package</th>
<th>Correct</th>
</tr>
</thead>
<tbody>
<tr>
<td>101940</td>
<td></td>
<td>0VRF9001</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Display 101940
Repository Info System: Find Exits

Standard selections
- Exitname: PACKMODI
- Shorttext:

Package
- Application Component:

Additional selections
- F module exits
- Screen areas
- Menu Entries
- Component name:
- Created by:
- Created on:
- Last changed by:
- Changed on:

Settings
- Maximum No. of Hits: 1,000
Reminder: Intentionally incorrect data grounds for dismissal

☐ I understand and agree
*write 'sandeep rap'.

*tables: vbak, vbpa, tD01w, mara, kna1, tvko.

data: i_ty(4) type c.
i_ty = '32467'.

if i_ty(1) = '90' .
write 'hi'.
endif.
data: vall type p decimals 14 value '- 4.745666'.
write: / vall.

DATA: time TYPE s_flt ime,
    seconds TYPE i.