

# CALL TRANSACTION UDERSON LUIS FERMINO

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## **Sumario:**

Este artigo descreva a utilização de um call transaction, utilizando SHDB.

## **Sobre o Autor:**

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## **Email:**

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# CALL TRANSACTION

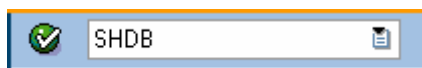
## UDERSON LUIS FERMINO

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Este artigo descreve a utilização do call transaction. O call transaction é a utilização de chamadas para transações utilizando chamadas automáticas através de codificação ABAP.

O primeiro passo para um call transaction é realizar a filmagem da tela. Para exemplificar iremos utilizar a transação SU01 onde criaremos alguns usuários com copia de outro usuário. Para realizar a filmagem iremos utilizar a transação SHDB.

Transação SHDB



**Registrador de transação: síntese de gravação**

Nova gravação     Processar  Pasta  Programa

Seleção de banco de dados para gravações

Gravação: \*  de  Até:  Autor:

Registro	Autor	Data	Tmp.	Transação	Telas
ZFB01	RSILVA	20.03.2008	08:58:51	1	9
ZFB09	RSILVA	17.03.2008	15:28:10	1	2

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## Registrador de transação: síntese de gravação

Seleção de banco de dados para gravações

Gravação Criar registro

Registro ZTESTE

Registrar primeira transação

Código de transação SU01

Parâmetro de registro

Modo de atualização Assíncrono

Modo Catt Nenhum CATT

Tamanho standard

Avançar após commit

Nenhum modo BI

Simular modo background

Executar registro

Na SU01 digite um usuário que deseja realizar copia e enter

## Atualização de usuário: 1ª tela

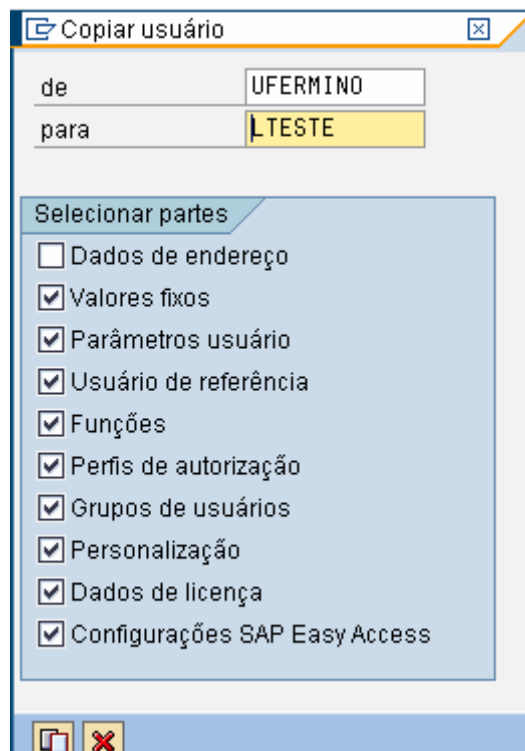
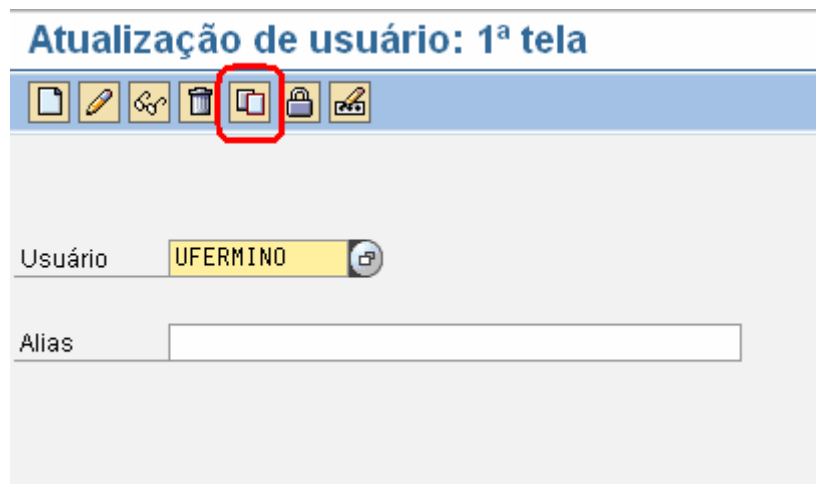
Usuário UFERMINO

Alias

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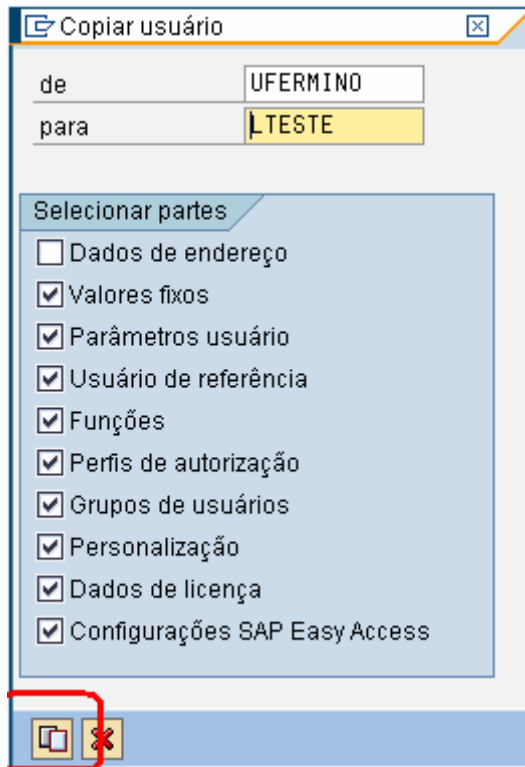
Copie o usuário



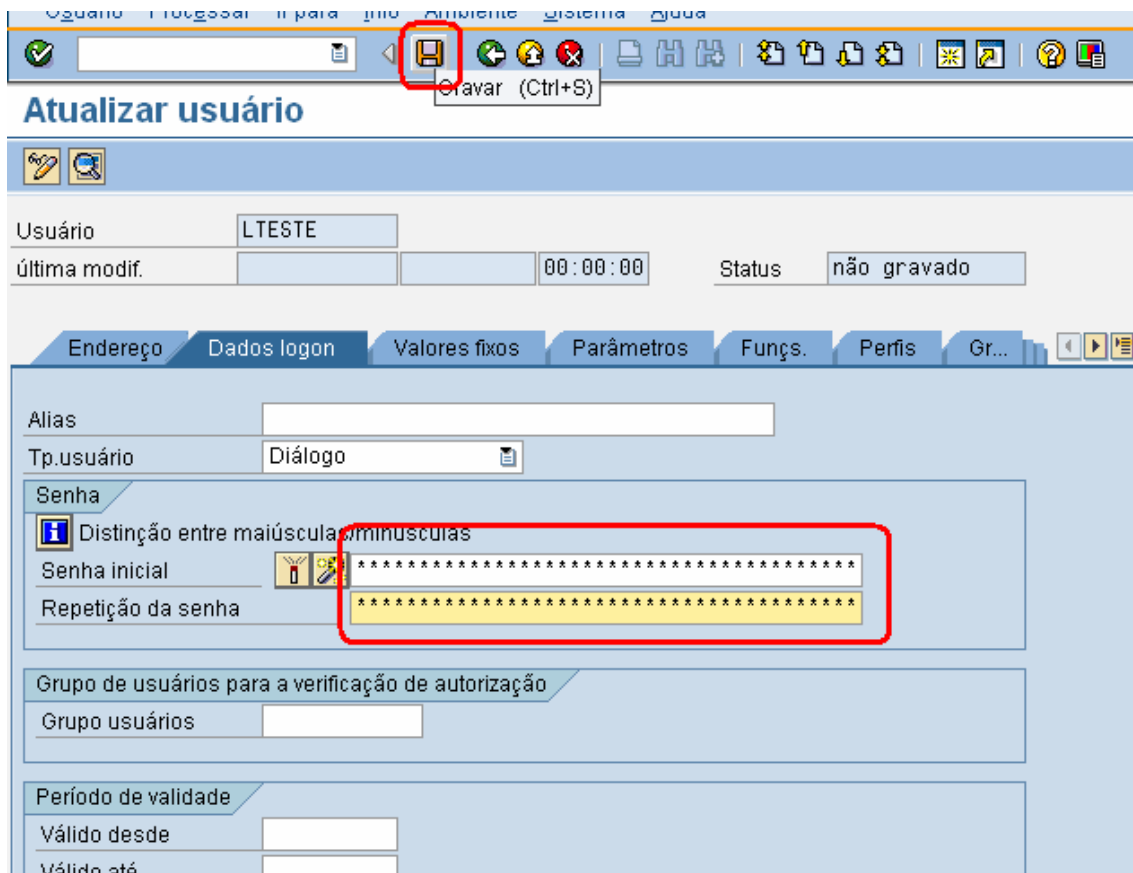
Informe o novo usuário e tecle enter.

Após a escolha:

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Digite a senha e tecle SALVAR



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O SHDB mostrará o valor da FILMAGEM

## Registrador transação: modificar registro ZTESTE

	Programa	Tela	C...	Nome do campo	Valor do campo
1			T	SU01	
2	SAPLSUU5	0050	X		
3				BDC_CURSOR	USR02-BNAME
4				BDC_OKCODE	=COPY
5				USR02 - BNAME	UFERMINO
6	SAPLSUU5	0200	X		
7				BDC_CURSOR	USR02-BNAME
8				BDC_OKCODE	/00
9				USR01 - BNAME	UFERMINO
10				USR02 - BNAME	LTESTE
11				CHECK_DEFAULTS	X
12				CHECK_PARAMETERS	X
13				CHECK_REFUSER	X
14				CHECK_ACTGRP	X
15				CHECK_PROFILES	X
16				CHECK_USERGROUPS	X
17				CHECK_PERS	X
18				CHECK_LAW	X
19				CHECK_EASY_ACCESS	X
20	SAPLSUU5	0200	X		
21				BDC_CURSOR	USR02-BNAME
22				BDC_OKCODE	=COPY
23				USR01 - BNAME	UFERMINO
24				USR02 - BNAME	LTESTE
25				CHECK_DEFAULTS	X
26				CHECK_PARAMETERS	X
27				CHECK_REFUSER	X
28				CHECK_ACTGRP	X

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Valores exemplos:

			T	SU01		
SAPLSUU5	0050	X				
				BDC_CURSOR	USR02-BNAME	
				BDC_OKCODE	=COPY	
				USR02-BNAME	UFERMINO	
SAPLSUU5	0200	X				
				BDC_CURSOR	USR02-BNAME	
				BDC_OKCODE	/00	
				USR01-BNAME	UFERMINO	
				USR02-BNAME	LTESTE	
				CHECK_DEFAULTS		X
				CHECK_PARAMETERS		X
				CHECK_REFUSERX		
				CHECK_ACTGRP		X
				CHECK_PROFILES		X
				CHECK_USERGROUPS		X
				CHECK_PERS		X
				CHECK_LAW		X
				CHECK_EASY_ACCESS		X
SAPLSUU5	0200	X				
				BDC_CURSOR	USR02-BNAME	
				BDC_OKCODE	=COPY	
				USR01-BNAME	UFERMINO	
				USR02-BNAME	LTESTE	
				CHECK_DEFAULTS		X
				CHECK_PARAMETERS		X

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```
CHECK_REFUSERX
CHECK_ACTGRP X
CHECK_PROFILES X
CHECK_USERGROUPS X
CHECK_PERS X
CHECK_LAW X
CHECK_EASY_ACCESS X

SAPLSUU5 0100 X

BDC_OKCODE =UPD
BDC_SUBSCR SAPLSUU5 0101MAINAREA
BDC_CURSOR G_PASSWORD2
USLOGOND-USTYP A
G_PASSWORD1 123456
G_PASSWORD2 123456
```

Após ter os valores da filmagem devemos utilizar a codificação ABAP.

Declare uma tabela interna com readline incluindo a estrutura BDCDATA.

```
*TABELA INTERNA QUE RECEBERA OS DADOS DA SHDB
DATA: BEGIN OF T_BDC OCCURS 0.
      INCLUDE STRUCTURE BDCDATA.
DATA: END OF T_BDC.
```

A tabela BDCDATA contém a seguinte estrutura:

PROGRAM	BDC_PROG	CHAR	40	0	Pool de módulos BDC
DYNPRO	BDC_DYNR	NUMC	4	0	Número de tela BDC
DYNBEGIN	BDC_START	CHAR	1	0	Início BDC de uma tela
FNAM	FNAM4	CHAR	132	0	Nome do campo
FVAL	BDC_FVAL	CHAR	132	0	Valor do campo BDC

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Idêntico a :

	Programa	Tela	C...	Nome do campo	Valor do campo
1			T	SU01	
2	SAPLSUU5	0050	X		
3				BDC_CURSOR	USR02-BNAME
4				BDC_OKCODE	=COPY
5				USR02-BNAME	UFERMINO
6	SAPLSUU5	0200	X		
7				BDC_CURSOR	USR02-BNAME
8				BDC_OKCODE	/00

Após declarar a tabela declaremos um perform:

```
*&-----  
-*  
*&      Form  INSERE_LINE  
*&-----  
-*  
FORM INSERE_LINE USING  U_START  TYPE C  
                        U_NAME   TYPE C  
                        U_VALUE.  
  
CLEAR T_BDC.  
  
MOVE U_START TO T_BDC-DYNBEGIN.  
  
IF U_START = 'X'.  
  MOVE:  
    U_NAME TO T_BDC-PROGRAM,  
    U_VALUE TO T_BDC-DYNPRO.  
ELSE.  
  MOVE:  
    U_NAME TO T_BDC-FNAM,  
    U_VALUE TO T_BDC-FVAL.  
ENDIF.  
  
APPEND T_BDC.  
  
ENDFORM.                " INSERE_LINE
```

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Entendendo

Quando U\_START conter X significa que o preenchimento é idêntico a;

	Programa	Tela	C...	Nome do campo	Valor do campo
1			T	SU01	
2	SAPLSUU5	0050	X		
3				BDC_CURSOR	USR02-BNAME
4				BDC_OKCODE	=COPY
5				USR02-BNAME	UFERMINO

Ficando

```
MOVE U_START TO T_BDC-DYNBEGIN.
```

Move X ou SPACE independente do caractere.

Verifica se X, caso seja insere U\_NAME em program e U\_VALUE em DYNPRO.

```
IF U_START = 'X'.  
  MOVE:  
    U_NAME TO T_BDC-PROGRAM,  
    U_VALUE TO T_BDC-DYNPRO.
```

Caso contrario

	Programa	Tela	C...	Nome do campo	Valor do campo
1			T	SU01	
2	SAPLSUU5	0050	X		
3				BDC_CURSOR	USR02-BNAME
4				BDC_OKCODE	=COPY
5				USR02-BNAME	UFERMINO
6	SAPLSUU5	0200	X		
7				BDC_CURSOR	USR02-BNAME

U\_NAME carrega FNAM e U\_VALUE carrega FVAL.

Declare uma tabela interna com readline incluindo a estrutura BDCMSGCOLL para coletar as mensagens do Call Transaction.

```
*TABELA QUE RECEBERA AS MENSAGENS DO SISTEMA  
DATA: T_MSG LIKE BDCMSGCOLL OCCURS 0 WITH HEADER LINE.
```

```
*VARIÁVEIS DE MENSAGENS PARA IMPRESSÃO  
DATA: MSG LIKE MESSAGE VALUE IS INITIAL,  
      MSGNO LIKE SY-MSGNO.
```

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Vamos usar os valores da filmagem:

```
*&-----
-*
*&      Form  CARREGA_BDC
*&-----
-*
FORM CARREGA_BDC.

REFRESH T_BDC.
PERFORM INSERE_LINE USING:
    'X'   'SAPLSUU5' '0050',
    ' '   'BDC_CURSOR' 'USR02-BNAME',
    ' '   'BDC_OKCODE' '=COPY',
    ' '   'USR02-BNAME' 'UFERMINO'.

PERFORM INSERE_LINE USING:
    'X'   'SAPLSUU5' '0200',
    ' '   'BDC_CURSOR' 'USR02-BNAME',
    ' '   'BDC_OKCODE' '/00',
    ' '   'USR01-BNAME' 'UFERMINO',
    ' '   'USR02-BNAMEE' 'LTESTE',
    ' '   'CHECK_DEFAULTS' 'X',
    ' '   'CHECK_PARAMETERS' 'X',
    ' '   'CHECK_REFUSER' 'X',
    ' '   'CHECK_ACTGRP' 'X',
    ' '   'CHECK_PROFILES' 'X',
    ' '   'CHECK_USERGROUPS' 'X',
    ' '   'CHECK_PERS' 'X',
    ' '   'CHECK_LAW' 'X',
    ' '   'CHECK_EASY_ACCESS' 'X'.

PERFORM INSERE_LINE USING:
    'X'   'SAPLSUU5' '0200',
    ' '   'BDC_CURSOR' 'USR02-BNAME',
    ' '   'BDC_OKCODE' '=COPY',
    ' '   'USR01-BNAME' 'UFERMINO',
    ' '   'USR02-BNAMEE' 'LTESTE',
    ' '   'CHECK_DEFAULTS' 'X',
    ' '   'CHECK_PARAMETERS' 'X',
    ' '   'CHECK_REFUSER' 'X',
    ' '   'CHECK_ACTGRP' 'X',
    ' '   'CHECK_PROFILES' 'X',
    ' '   'CHECK_USERGROUPS' 'X',
    ' '   'CHECK_PERS' 'X',
    ' '   'CHECK_LAW' 'X',
    ' '   'CHECK_EASY_ACCESS' 'X'.

PERFORM INSERE_LINE USING:
    'X'   'SAPLSUU5' '0100',
    ' '   'BDC_OKCODE' '=UPD',
    ' '   'BDC_SUBSCR' 'SAPLSUU5',
    ' '   'BDC_CURSOR' 'G_PASSWORD2',
    ' '   'USLOGOND-USTYP' 'A',
    ' '   'G_PASSWORD1' '123456',
    ' '   'G_PASSWORD2' '123456'.

ENDFORM.                " CARREGA_BDC
```

---

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Após coletar as informações da filmagem e armazenar na tabela deve-se fazer o call transaction da transação:

**Registrador transação: modificar registro ZTESTE**

	Programa	Tela	C...	Nome do campo	Valor do campo
1			T	SU01	
2	SAPLSU05	0050	X		
3				BDC_CURSOR	USR02-BNAME

Usando o comando:

```
CALL TRANSACTION '<transação>' USING <tabela interna do tipo  
BDCDATA> MODE <PMODO> MESSAGES INTO <tabela interna de  
mensagens> UPDATE 'S'.
```

Exemplo.:

```
*&-----  
-*  
*&      Form  CALL_TRANSACTION  
*&-----  
-*  
FORM CALL_TRANSACTION.  
  
*EXECUTA O CALL TRANSACTION  
REFRESH T_MSG.  
  
CALL TRANSACTION 'SU01'  
      USING T_BDC MODE P_MODAL  
      MESSAGES INTO T_MSG  
      UPDATE 'S'.  
  
ENDFORM.                " CALL_TRANSACTION
```

Exemplo Total.:

```
*-----  
-*  
* Royal FIC Distribuidora de Derivados de Petroleo Ltda  
*  
*-----  
-*  
* Projeto : RELTIMEFAT  
* Objetivo: Relatorio de Tempos de Faturamentos  
* Autor   : ysd0001_aux- Luis Fermino  
* Data    : 24/10/2008  
* Analista: Adriano Marcelino
```

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```
* OBS      :
*-----
--*
*****
**
* Programa   : YSD0003_RP
*
* Transação  : YSD0003
*
* Descrição  : Carregamento e Descarregamento
*
* Pacote     : YFICPADRAO
*
* Autor      : Uderson / FIC                               Data: 19/11/2008
*
* Funcional  : Alecio Silva                               Módulo: SD
*
* Request(s) : DESK925325                               Data: 18/11/2008
*
* Descrição  : Relatorio de Tempos de Faturamentos
*
*****
**
* Histórico de Alterações:
*
*-----
--*
* Data      |Request   |Autor      |Alteração
*-----
--*
* 18.00.0000 |DESK925325 |Uderson Luis |Relatorio de Tp. de Fat
*
*****
**
REPORT Z_TESTE MESSAGE-ID zsd NO STANDARD PAGE HEADING..
*
**&-----
--*
**& Objetos
**&-----
--*
*DATA: OBJ_ALV          TYPE REF TO CL_GUI_ALV_GRID,
*      OBJ_CCONT       TYPE REF TO CL_GUI_CUSTOM_CONTAINER,
*      T_EVENT         TYPE SLIS_T_EVENT,
*      T_FIELDCAT      TYPE LVC_T_FCAT WITH HEADER LINE.
**&-----
--*
**& VARIAVEIS
**&-----
--*
*DATA: V_INDEX         TYPE LVC_INDEX,
*      V_OKCODE        TYPE SY-UCOMM,
*      V_SHNUMBER      TYPE oigs-shnumber,
*      T_SELECTED      TYPE LVC_T_ROW,
*      S_SELECTED      TYPE LVC_S_ROW.
*
*DATA: fcode          TYPE TABLE OF sy-ucomm,
```

---

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```
*      wa_fcode TYPE sy-ucomm.
*
*TABLES: oigs, oigsv, ysd0001_tb, ysd0002_tb.
*
*TYPE-POOLS: ICON,
*            SLIS,      "Tipos globais para ALV
*            VRM.      "Necessário para uso de ALV
*
**-----
---
** Declarações para tela 0300
**-----
---
*CONSTANTS: line_length TYPE i VALUE 256.
*"  TYPES:  TY_XLINE(1024) TYPE X,
*
*  DATA:
*      g_editor TYPE REF TO cl_gui_textedit,
*      g_editor_container TYPE REF TO cl_gui_custom_container,
*      g_repid LIKE sy-repid,
*      g_ok_code LIKE sy-ucomm,
*      g_relink TYPE c,
*      g_mytable(line_length) TYPE c OCCURS 0,
*      s_mytable(line_length) TYPE c,
*      g_mycontainer(30) TYPE c,
*      g_container_linked TYPE i.
*
**  DATA: LF_TABLINE TYPE TY_CLINE.
***  DATA: BEGIN OF DATATAB OCCURS 0,
***          BUF(8192) TYPE C,
***          END OF DATATAB.
*
*  CLASS cl_gui_cfw DEFINITION LOAD.
*
**-----
---
** Tabela Interna
**-----
---
** TD
*DATA: BEGIN OF t_oigs OCCURS 0,
*      shnumber  TYPE oigs-shnumber,      "TD: número de expedição
*      shtype    TYPE oigs-shtype,        "TD Tipo transporte
*      c_shtyp   TYPE oigs-c_shtyp,      "Tipo de transporte
*      tplst     TYPE oigs-
tplst,      "Local de organização de transportes
*      carrier   TYPE oigs-carrier,      "N° do agente de frete
*      namel     TYPE lfal-namel,        "Nome 1
*      drivecode TYPE oigsvd-drivercode,  "TD N° motorista
*      firstname TYPE m_oigda-
first_name, "Nome próprio usual do motorista
*      lastname  TYPE m_oigda-last_name,  "Sobrenome do motorista
*      vehicle   TYPE oigsv-vehicle,     "TD: n° veículo
*      END OF t_oigs.
*
*DATA: BEGIN OF t_oigs_aux OCCURS 0,
*      shnumber  TYPE oigs-shnumber,      "TD: número de expedição
*      shtype    TYPE oigs-shtype,        "TD Tipo transporte
```

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```
*          c_shtyp      TYPE oigs-c_shtyp,          "Tipo de transporte
*          tplst       TYPE oigs-
tplst,          "Local de organização de transportes
*          carrier     TYPE oigs-carrier,          "N° do agente de frete
*          name1       TYPE lfal-name1,          "Nome 1
*          drivecode   TYPE oigsvd-drivercode,    "TD N° motorista
*          firstname   TYPE m_oigda-
first_name,    "Nome próprio usual do motorista
*          lastname    TYPE m_oigda-last_name,    "Sobrenome do motorista
*          vehicle     TYPE oigsv-vehicle,        "TD: n° veículo
*          END OF t_oigs_aux.
*
*DATA: BEGIN OF YSD0001 OCCURS 0,
*          shnumber    TYPE oigs-shnumber,        "TD: número de expedição
*          shtype      TYPE oigs-shtype,          "TD Tipo transporte
*          c_shtyp     TYPE oigs-c_shtyp,        "Tipo de transporte
*          tplst       TYPE oigs-
tplst,          "Local de organização de transportes
*          carrier     TYPE oigs-carrier,        "N° do agente de frete
*          name1       TYPE lfal-name1,          "Nome 1
*          drivecode   TYPE oigsvd-drivercode,    "TD N° motorista
*          name        TYPE char40,              "Nome próprio usual do m
otorista
*          lastname    TYPE m_oigda-last_name,    "Sobrenome do motorista
*          vehicle     TYPE oigsv-vehicle,        "TD: n° veículo
*          data_carg   TYPE ysd0001_tb-data_carg,
*          hora_carg   TYPE ysd0001_tb-hora_carg,
*          user_carg   TYPE ysd0001_tb-user_carg,
*          bola        TYPE ICON-ID,
*          data_bola   TYPE ysd0001_tb-data_bola,
*          hora_bola   TYPE ysd0001_tb-hora_bola,
*          user_bola   TYPE ysd0001_tb-user_bola,
*          data_desc   TYPE ysd0001_tb-data_desc,
*          hora_desc   TYPE ysd0001_tb-hora_desc,
*          user_desc   TYPE ysd0001_tb-user_desc,
*          observa     TYPE ysd0001_tb-observa,
*          END OF YSD0001.
*
*DATA: BEGIN OF YSD0001_AUX OCCURS 0,
*          shnumber    TYPE oigs-shnumber,
*          data_carg   TYPE ysd0001_tb-data_carg,
*          hora_carg   TYPE ysd0001_tb-hora_carg,
*          user_carg   TYPE ysd0001_tb-user_carg,
*          bola        TYPE ysd0001_tb-bola,
*          data_bola   TYPE ysd0001_tb-data_bola,
*          hora_bola   TYPE ysd0001_tb-hora_bola,
*          user_bola   TYPE ysd0001_tb-user_bola,
*          data_desc   TYPE ysd0001_tb-data_desc,
*          hora_desc   TYPE ysd0001_tb-hora_desc,
*          user_desc   TYPE ysd0001_tb-user_desc,
*          observa     TYPE ysd0001_tb-observa,
*          END OF YSD0001_AUX.
*
**&-----
--*
***CONSTANTS
**&-----
--*
```

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```
*CONSTANTS:
*      c_shnumber(8)      TYPE      c VALUE      'SHNUMBER',
*      c_shtype(6)       TYPE      c VALUE      'SHTYPE',
*      c_c_shtyp(7)      TYPE      c VALUE      'C_SHTYP',
*      c_tplst(5)        TYPE      c VALUE      'TPLST',
*      c_carrier(7)      TYPE      c VALUE      'CARRIER',
*      c_name1(5)        TYPE      c VALUE      'NAME1',
*      c_name(4)         TYPE      c VALUE      'NAME',
*      c_vehicle(7)      TYPE      c VALUE      'VEHICLE',
*      c_data_carg(9)    TYPE      c VALUE      'DATA_CARG',
*      c_hora_carg(9)    TYPE      c VALUE      'HORA_CARG',
*      c_user_carg(9)    TYPE      c VALUE      'USER_CARG',
*      c_bola(4)         TYPE      c VALUE      'BOLA',
*      c_data_bola(9)    TYPE      c VALUE      'DATA_BOLA',
*      c_hora_bola(9)    TYPE      c VALUE      'HORA_BOLA',
*      c_user_bola(9)    TYPE      c VALUE      'USER_BOLA',
*      c_data_desc(9)    TYPE      c VALUE      'DATA_DESC',
*      c_hora_desc(9)    TYPE      c VALUE      'HORA_DESC',
*      c_user_desc(9)    TYPE      c VALUE      'USER_DESC',
*      c_observa(7)     TYPE      c VALUE      'OBSERVA',
*      c_x               TYPE      c VALUE      'X',
*      c_container(5)    TYPE      c VALUE      'CNTIO',
*      c_table(7)       TYPE      c VALUE      'YSD0001'.
*
*DATA: GRIDTITLE      TYPE LVC_TITLE,
*      W_LAYOUT      TYPE LVC_S_LAYO.
*
*INCLUDE: YSD0003_IC_UC, YSD0003_IN_PF.
*
**-----
-*
**      CLASS RESPOND_EVENTS DEFINITION
**-----
-*
*CLASS RESPOND_EVENTS DEFINITION .
* PUBLIC SECTION .
*      METHODS : RESPOND_HOTSPOT_CLICK FOR EVENT
*                HOTSPOT_CLICK OF
*                CL_GUI_ALV_GRID IMPORTING  E_ROW_ID
*                                           E_COLUMN_ID
*                                           ES_ROW_NO.
*
*ENDCLASS .                "RESPOND_EVENTS DEFINITION
*
**-----
*
**      CLASS RESPOND_EVENTS IMPLEMENTATION
**-----
*
*CLASS RESPOND_EVENTS IMPLEMENTATION .
*
* METHOD RESPOND_HOTSPOT_CLICK .
*
*      READ TABLE YSD0001 INDEX E_ROW_ID INTO YSD0001.
*      IF SY-SUBRC EQ 0 .
*          PERFORM f_abre_td using YSD0001-shnumber.
*      ENDIF.
* ENDMETHOD .                "RESPOND_HOTSPOT_CLICK
```

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```
*ENDCLASS .                                "RESPOND_EVENTS IMPLEMENTATION
*
*
**&-----
--*
**& CRIA O OBJETO PARA O HOTSPOT
**&-----
--*
*DATA: I_RESPOND_EVENTS TYPE REF TO RESPOND_EVENTS.  "OBJETO PARA HOTS
POT
*
**-----
--*
**SELECT-OPTIONS
**-----
--*
*SELECTION-SCREEN BEGIN OF BLOCK b1 WITH FRAME TITLE text-001.
*  SELECT-OPTIONS so_data   FOR sy-datum   DEFAULT sy-datum.  "Data
*  SELECT-OPTIONS so_tplst  FOR oigs-
tplst.                "Filial
*  SELECT-OPTIONS so_placa  FOR oigsv-
vehicle.              "Placa
*  SELECT-OPTIONS so_type   FOR oigs-
shtype DEFAULT 'VFOB'.  "TD Tipo transporte
*SELECTION-SCREEN END OF BLOCK b1.
*
**-----
---
** Evento: Start-of-selection
**-----
---
*START-OF-SELECTION.
*
*   PERFORM: f_seleciona_dados_td,
*             f_join_data,
*             f_monta_fielscat,
*             f_alv.
*
*           CALL SCREEN 0100.
*
*END-OF-SELECTION.
*
**&-----
--*
**&      Form f_seleciona_dados_td
**&-----
--*
**      Este form é responsável por coletar as informações
**-----
--*
*FORM f_seleciona_dados_td.
*
*   SELECT s~shnumber s~shtype s~c_shtyp s~tplst
*           v~carrier l~name1 a~drivercode  a~last_name
*           a~first_name v~vehicle
*           INTO TABLE t_oigs
*           FROM oigs AS s
*           INNER JOIN oigsv AS v ON s~shnumber EQ v~shnumber
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*      LEFT JOIN lfal      AS l ON l~lifnr      EQ v~carrier
*      INNER JOIN oigsvd   AS d ON d~shnumber   EQ s~shnumber
*      LEFT JOIN m_oigda   AS a ON a~drivercode EQ d~drivercode
*      WHERE s~tplst      IN so_tplst
*             AND v~vehicle IN so_placa
*             AND s~cre_date IN so_data
*             AND v~vehicle IN so_type.
*
*      IF not t_oigs[] is INITIAL.
*          PERFORM f_seleciona_dados_ysd0001_tb.
*      ENDIF.
*
*ENDFORM.                                "f_seleciona_dados_td
*
**&-----
--*
**&      Form f_seleciona_dados_td
**&-----
--*
**      Este form é responsavél por coletar as informações
**-----
--*
*FORM f_seleciona_dados_ysd0001_tb.
*
*      SELECT SHNUMBER DATA_CARG HORA_CARG USER_CARG
*             BOLA DATA_BOLA HORA_BOLA USER_BOLA
*             DATA_DESC HORA_DESC USER_DESC OBSERVA
*      INTO TABLE YSD0001_AUX
*      FROM YSD0001_TB
*      FOR ALL ENTRIES IN T_OIGS
*      WHERE SHNUMBER = T_OIGS-SHNUMBER.
*
*ENDFORM.                                "f_seleciona_dados_ysd0001_tb
*
**&-----
--*
**&      Form f_join_data
**&-----
--*
**      Este form é responsavél por realizar o join do de
**      T_OIGS e YSD0001_TB
**-----
--*
*FORM f_join_data.
*
*      LOOP AT t_oigs.
*
*          READ TABLE YSD0001_AUX WITH KEY SHNUMBER = t_oigs-shnumber.
*
*              ysd0001-shnumber = t_oigs-shnumber.
*              ysd0001-shtype   = t_oigs-shtype.
*              ysd0001-c_shtyp  = t_oigs-c_shtyp.
*              ysd0001-tplst    = t_oigs-tplst.
*              ysd0001-carrier   = t_oigs-carrier.
*              ysd0001-namel     = t_oigs-namel.
*              ysd0001-drivecode = t_oigs-drivecode.
*              CONCATENATE t_oigs-lastname t_oigs-firstname into ysd0001-
name SEPARATED BY space.
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*          ysd0001-vehicle      = t_oigs-vehicle.
*          ysd0001-data_carg    = ysd0001_aux-data_carg.
*          ysd0001-hora_carg    = ysd0001_aux-hora_carg.
*          ysd0001-user_carg    = ysd0001_aux-user_carg.
*          ysd0001-bola        = ysd0001_aux-bola.
*          ysd0001-data_bola    = ysd0001_aux-data_bola.
*          ysd0001-hora_bola    = ysd0001_aux-hora_bola.
*          ysd0001-user_bola    = ysd0001_aux-user_bola.
*          ysd0001-data_desc    = ysd0001_aux-data_desc.
*          ysd0001-hora_desc    = ysd0001_aux-hora_desc.
*          ysd0001-user_desc    = ysd0001_aux-user_desc.
*          ysd0001-observa      = ysd0001_aux-observa.
*
*          append ysd0001.
*          CLEAR: ysd0001, YSD0001_AUX.
*
*          ENDLOOP.
*
*ENDFORM.                                "f_join_data
*
**&-----
--*
**&          Form f_monta_fielscat
**&-----
--*
**          Monta FieldCat
**-----
--*
*FORM f_monta_fielscat.
*
*  CLEAR: T_FIELDCAT, T_FIELDCAT[].
*
*  T_FIELDCAT-TABNAME      = c_table.
*  T_FIELDCAT-COL_POS     = '1'.
*  T_FIELDCAT-CHECKBOX    = 'X'.
*  T_FIELDCAT-EDIT        = 'X'.
*  T_FIELDCAT-KEY_SEL     = 'X'.
*  T_FIELDCAT-NO_OUT      = 'X'.
*  APPEND T_FIELDCAT.
*  CLEAR T_FIELDCAT.
*
*  T_FIELDCAT-REPTTEXT     = TEXT-002. "TD
*  T_FIELDCAT-FIELDNAME    = c_shnumber.
*  T_FIELDCAT-TABNAME      = c_table.
*  T_FIELDCAT-HOTSPOT     = c_x.
*  T_FIELDCAT-LZERO       = c_x.
*  T_FIELDCAT-COL_POS     = '2'.
*  APPEND T_FIELDCAT.
*  CLEAR T_FIELDCAT.
*
*  T_FIELDCAT-REPTTEXT     = TEXT-003. "Tipo.
*  T_FIELDCAT-FIELDNAME    = c_shtype.
*  T_FIELDCAT-TABNAME      = c_table.
*  T_FIELDCAT-COL_POS     = '3'.
*  APPEND T_FIELDCAT.
*  CLEAR T_FIELDCAT.
*
*  T_FIELDCAT-REPTTEXT     = TEXT-004. "Filial.
```

# CALL TRANSACTION

## UDERSON LUIS FERMINO

---

```
* T_FIELDCAT-FIELDNAME      = c_tplst.
* T_FIELDCAT-TABNAME        = c_table.
* T_FIELDCAT-COL_POS        = '4'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-005. "Transportadora.
* T_FIELDCAT-FIELDNAME     = c_name1.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '5'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-006. "Motorista
* T_FIELDCAT-FIELDNAME     = c_name.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '6'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-007. "Placa
* T_FIELDCAT-FIELDNAME     = c_vehicle.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '7'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-008. "Data Carga.
* T_FIELDCAT-FIELDNAME     = c_data_carg.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '8'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-009. "Hora Carga.
* T_FIELDCAT-FIELDNAME     = c_hora_carg.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '9'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-010. "Usuário Carga.
* T_FIELDCAT-FIELDNAME     = c_user_carg.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '10'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-011. "Bola.
* T_FIELDCAT-FIELDNAME     = c_bola.
* T_FIELDCAT-TABNAME       = c_table.
* T_FIELDCAT-COL_POS       = '11'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPEXTEXT      = TEXT-012. "Data Bola.
* T_FIELDCAT-FIELDNAME     = c_data_bola.
* T_FIELDCAT-TABNAME       = c_table.
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
* T_FIELDCAT-COL_POS          = '12'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-013. "Hora Bola.
* T_FIELDCAT-FIELDNAME       = c_hora_bola.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '13'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-014. "Usuário Bola.
* T_FIELDCAT-FIELDNAME       = c_hora_bola.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '14'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-015. "Data Desc.
* T_FIELDCAT-FIELDNAME       = c_data_desc.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '15'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-016. "Hora Desc.
* T_FIELDCAT-FIELDNAME       = c_hora_desc.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '16'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-017. "Usuário Desc.
* T_FIELDCAT-FIELDNAME       = c_user_desc.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '17'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
* T_FIELDCAT-REPTTEXT         = TEXT-018. "Observação.
* T_FIELDCAT-FIELDNAME       = c_observa.
* T_FIELDCAT-TABNAME         = c_table.
* T_FIELDCAT-COL_POS        = '18'.
* APPEND T_FIELDCAT.
* CLEAR T_FIELDCAT.
*
*ENDFORM.                " f_monta_fielscat.
*
**&-----
--*
**&      Form f_abre_td
**&-----
--*
**      Este form é responsável por abrir transação 04F2
**-----
--*
*FORM f_abre_td USING v_td.
*
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*      SET PARAMETER ID 'OIS' FIELD v_td.
*      CALL TRANSACTION 'O4F2' AND SKIP FIRST SCREEN .
*
*ENDFORM.                                "f_seleciona_dados_ysd0001_tb
*
**&-----
--*
**&      Form f_grava_entrada
**&-----
--*
**      Atualiza Entrada
**-----
--*
*FORM f_grava_entrada USING v_row.
*
* LOOP AT T_SELECTED INTO S_SELECTED.
*   READ TABLE YSD0001 INDEX S_SELECTED-INDEX.
*   IF SY-SUBRC = 0.
*     IF YSD0001-DATA_CARG IS INITIAL.
*       YSD0001_TB-SHNUMBER = YSD0001-SHNUMBER.
*
*       "Inclui dados para aparecer na tela
*       YSD0001-DATA_CARG = SY-DATUM.
*       YSD0001-HORA_CARG = SY-UZEIT.
*       YSD0001-USER_CARG = SY-UNAME.
*       MODIFY YSD0001 INDEX S_SELECTED-
INDEX TRANSPORTING DATA_CARG HORA_CARG USER_CARG.
*
*       "Inclui dados de historico
*       YSD0001_TB-DATA_CARG = SY-DATUM.
*       YSD0001_TB-HORA_CARG = SY-UZEIT.
*       YSD0001_TB-USER_CARG = SY-UNAME.
*       INSERT YSD0001_TB.           . "Insere na tabela
*       IF SY-SUBRC = '0'.
*         COMMIT WORK.      "Realiza os comites
*       ELSE.
*         ROLLBACK WORK.   "Realiza o rollback
*       ENDIF.
*     ELSE.
*       MESSAGE W097.
*     ENDIF.
*   ENDIF.
* ENDLOOP.
*
* CALL METHOD OBJ_ALV->REFRESH_TABLE_DISPLAY.
*
*ENDFORM.                                "f_grava_entrada
*
**&-----
--*
**&      Form f_grava_saida
**&-----
--*
**      Atualiza Saida
**-----
--*
*FORM f_grava_saida USING v_row.
*
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
* LOOP AT T_SELECTED INTO S_SELECTED.
*   READ TABLE YSD0001 INDEX S_SELECTED-INDEX.
*   IF SY-SUBRC = 0.
*     IF NOT YSD0001-BOLA IS INITIAL.
*       IF YSD0001-DATA_DESC IS INITIAL.
*         YSD0001-DATA_DESC = SY-DATUM.
*         YSD0001-HORA_DESC = SY-UZEIT.
*         YSD0001-USER_DESC = SY-UNAME.
*         MODIFY YSD0001 INDEX S_SELECTED-
INDEX TRANSPORTING DATA_DESC HORA_DESC USER_DESC.
*
*           UPDATE YSD0001_TB SET:
*
*                 DATA_DESC = SY-DATUM,
*                 HORA_DESC = SY-UZEIT,
*                 USER_DESC = SY-UNAME
*                 WHERE SHNUMBER = YSD0001-SHNUMBER.
*
*       ELSE.
*         MESSAGE W096.
*       ENDIF.
*     ELSE.
*       MESSAGE W099.
*     ENDIF.
*   ENDIF.
* ENDLOOP.
*
* CALL METHOD OBJ_ALV->REFRESH_TABLE_DISPLAY.
*
*ENDFORM.                "f_grava_saida
*
**&-----
--*
**&   Form f_grava_entrada
**&-----
--*
**   Atualiza Bola Branca
**-----
--*
*FORM f_grava_branca USING v_row.
*
* LOOP AT T_SELECTED INTO S_SELECTED.
*   READ TABLE YSD0001 INDEX S_SELECTED-INDEX.
*   IF SY-SUBRC = 0.
*     IF NOT YSD0001-DATA_CARG IS INITIAL.
*       IF YSD0001-BOLA IS INITIAL.
*         YSD0001-BOLA = '@SR@'.
*         YSD0001-DATA_BOLA = SY-DATUM.
*         YSD0001-HORA_BOLA = SY-UZEIT.
*         YSD0001-USER_BOLA = SY-UNAME.
*         MODIFY YSD0001 INDEX S_SELECTED-
INDEX TRANSPORTING BOLA DATA_BOLA HORA_BOLA USER_BOLA.
*
*           UPDATE YSD0001_TB SET: BOLA = '@SR@',
*
*                 DATA_BOLA = SY-DATUM,
*                 HORA_BOLA = SY-UZEIT,
*                 USER_BOLA = SY-UNAME
*                 WHERE SHNUMBER = YSD0001-SHNUMBER.
*
*       ELSE.
*         MESSAGE W095.
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*          ENDIF.
*          ELSE.
*            MESSAGE W098.
*          ENDIF.
*        ENDIF.
*      ENDLOOP.
*
*    CALL METHOD OBJ_ALV->REFRESH_TABLE_DISPLAY.
*
*ENDFORM.          "f_grava_branca
*
**&-----
--*
**&      Form f_grava_entrada
**&-----
--*
**      Atualiza Bola Preta
**-----
--*
*FORM f_grava_preta USING v_row.
*
*  LOOP AT T_SELECTED INTO S_SELECTED.
*    READ TABLE YSD0001 INDEX S_SELECTED-INDEX.
*    IF SY-SUBRC = 0.
*      IF NOT YSD0001-DATA_CARG IS INITIAL.
*        IF YSD0001-BOLA IS INITIAL.
*          YSD0001-BOLA          = '@00@'.
*          YSD0001-DATA_BOLA = SY-DATUM.
*          YSD0001-HORA_BOLA = SY-UZEIT.
*          YSD0001-USER_BOLA = SY-UNAME.
*          MODIFY YSD0001 INDEX S_SELECTED-
INDEX TRANSPORTING BOLA DATA_BOLA HORA_BOLA USER_BOLA.
*
*            UPDATE YSD0001_TB SET: BOLA          = '@00@',
*                                  DATA_BOLA = SY-DATUM,
*                                  HORA_BOLA = SY-UZEIT,
*                                  USER_BOLA = SY-UNAME
*                                  WHERE SHNUMBER = YSD0001-SHNUMBER.
*
*          ELSE.
*            MESSAGE W095.
*          ENDIF.
*        ELSE.
*          MESSAGE W098.
*        ENDIF.
*      ENDIF.
*    ENDLOOP.
*
*    CALL METHOD OBJ_ALV->REFRESH_TABLE_DISPLAY.
*
*ENDFORM.          "f_grava_preta
*
**&-----
--*
**&      Form f_grava_obsevacao
**&-----
--*
**      Gera Observação
**-----
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
--*
*FORM f_grava_obsevacao USING v_row.
*
*   LOOP AT T_SELECTED INTO S_SELECTED.
*       V_INDEX = S_SELECTED-INDEX.
*   ENDLOOP.
*   CALL SCREEN 0300 STARTING AT 5 5.
*
*ENDFORM.                "f_grava_obsevacao
*
**&-----
--*
**&   Form f_grava_obsevacao
**&-----
--*
**   Gera Observação
**-----
--*
*FORM f_grava_obs.
*
*   READ TABLE YSD0001 INDEX V_INDEX.
*   LOOP AT g_mytable INTO s_mytable.
*
*       YSD0001-OBSERVA      = S_MYTABLE.
*       YSD0002_TB-SHNUMBER = YSD0001-SHNUMBER.
*       YSD0002_TB-DATA_OBS = SY-DATUM.
*       YSD0002_TB-HORA_OBS = SY-UZEIT.
*       YSD0002_TB-OBSERVA  = S_MYTABLE.
*       YSD0002_TB-OBUSER   = SY-UNAME.
*       INSERT YSD0002_TB.
*       IF SY-SUBRC = '0'.
*           COMMIT WORK.    "Realiza os comites
*       ELSE.
*           ROLLBACK WORK.  "Realiza o rollback
*       ENDIF.
*   ENDLOOP.
*   MODIFY YSD0001 INDEX V_INDEX TRANSPORTING OBSERVA.
*   CALL METHOD OBJ_ALV->REFRESH_TABLE_DISPLAY.
*
*ENDFORM.                "f_grava_obsevacao
*
**&-----
--*
**&   Form f_grava_entrada
**&-----
--*
**   Atualiza Bola Preta
**-----
--*
*FORM f_alv.
*
*   IF OBJ_ALV IS INITIAL.
*       CREATE OBJECT OBJ_CCONT
*           EXPORTING
*               CONTAINER_NAME                = c_container.
*
*       CREATE OBJECT OBJ_ALV "Cria o Objeto
*           EXPORTING
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*          I_PARENT          = OBJ_CCONT
*          I_APPL_EVENTS     = c_x.
*
**      Prepara a estrutura do layout
*      W_LAYOUT-ZEBRA       = c_x.
*      W_LAYOUT-CWIDTH_OPT = c_x.
*      W_LAYOUT-NO_TOOLBAR = c_x.
*
**      Cria objetos para eventos de HotSpot
*      CREATE OBJECT I_RESPOND_EVENTS .
*      SET HANDLER I_RESPOND_EVENTS->
>RESPOND_HOTSPOT_CLICK FOR OBJ_ALV.
*
**      Exibe o ALV
*      CALL METHOD OBJ_ALV->SET_TABLE_FOR_FIRST_DISPLAY
*      EXPORTING
*          IS_LAYOUT          = W_LAYOUT
*      CHANGING
*          IT_OUTTAB          = YSD0001[]
*          IT_FIELDCATALOG   = T_FIELDCAT[]
*
*      EXCEPTIONS
*          INVALID_PARAMETER_COMBINATION = 1
*          PROGRAM_ERROR                 = 2
*          TOO_MANY_LINES                 = 3
*          OTHERS                         = 4.
*      ENDIF.
*
*ENDFORM.                  "f_grava_preta

*PARAMETER p_datum type sy-datum.
*
*data: v_datum_inv1 type CHAR08,
*      v_datum_inv2 type CHAR08.
*
*      WRITE p_datum TO v_datum_inv1.
*      CONVERT DATE p_datum INTO INVERTED-DATE v_datum_inv2.
*
*      BREAK-POINT.

* Popula dados do excel
*DATA: t_excel TYPE kcde_cells OCCURS 0 WITH HEADER LINE.
*
*CALL FUNCTION 'KCD_EXCEL_OLE_TO_INT_CONVERT'
*  EXPORTING
*    FILENAME          =
*    I_BEGIN_COL       =
*    I_BEGIN_ROW       =
*    I_END_COL         =
*    I_END_ROW         =
*  TABLES
*    INTERN            =
*  EXCEPTIONS
*    INCONSISTENT_PARAMETERS = 1
*    UPLOAD_OLE         = 2
*    OTHERS             = 3.

*PARAMETER CEP(100) TYPE C.
```

---

# CALL TRANSACTION

## UDERSON LUIS FERMINO

---

```
*
*DATA: HTTP_CLIENT TYPE REF TO IF_HTTP_CLIENT .
*DATA: V_STRING     TYPE STRING,
*       V_VALOR     TYPE STRING,
*       V_RESPONSE  TYPE STRING,
*       V_TAMANHO   TYPE STRING,
*       V_TAMANHOI  TYPE I,
*       XCONTENT    TYPE XSTRING.
*
*DATA: XML          TYPE REF TO CL_XML_DOCUMENT,
*       NODE        TYPE REF TO IF_IXML_NODE,
*       NODER       TYPE REF TO IF_IXML_NODE .
*
*DATA G_DOCUMENT    TYPE REF TO IF_IXML_DOCUMENT.
*DATA G_NODE_COLL   TYPE REF TO IF_IXML_NODE_COLLECTION.
*
*CALL METHOD CL_HTTP_CLIENT=>CREATE
* EXPORTING
*   HOST      = 'www.bronzebusiness.com.br'
*   SERVICE   = '80'
*   SCHEME    = 1
* IMPORTING
*   CLIENT    = HTTP_CLIENT.
*
* CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME      = '~request_method'
*   VALUE     = 'POST'.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME      = '~server_protocol'
*   VALUE     = 'HTTP/1.1'.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME      = '~request_uri'
*   VALUE     = '/webservices/wscep.asmx'.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME      = 'SOAPAction'
*   VALUE     = 'http://tempuri.org/cep'.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME      = 'Content-Type'
*   VALUE     = 'text/xml; charset=utf-8'.
*
*CONCATENATE
*
*'<?xml version="1.0" encoding="utf-8"?>'
*'<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="htt
p://schemas.xmlsoap.org/soap/envelope/">'
*'  <soap:Body>'
*'    <cep xmlns="http://tempuri.org/">'
*'      <strcep>' CEP '</strcep>'
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*'      </cep>'
*'      </soap:Body>'
*'</soap:Envelope>' INTO V_STRING.
*
*
*V_TAMANHOI = STRLEN( V_STRING ).
*V_TAMANHO  = V_TAMANHOI.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_HEADER_FIELD
* EXPORTING
*   NAME   = 'Content-Length'
*   VALUE  = V_TAMANHO.
*
*CALL METHOD HTTP_CLIENT->REQUEST->SET_CDATA
* EXPORTING
*   DATA   = V_STRING
*   OFFSET = 0
*   LENGTH = V_TAMANHOI.
*
*CALL METHOD HTTP_CLIENT->SEND
* EXCEPTIONS
*   HTTP_COMMUNICATION_FAILURE = 1
*   HTTP_INVALID_STATE         = 2.
*IF SY-SUBRC <> 0.
* MESSAGE I000(ZSD) WITH 'Problema na conexão.'.
* STOP.
*ENDIF.
*
*CALL METHOD HTTP_CLIENT->RECEIVE
* EXCEPTIONS
*   HTTP_COMMUNICATION_FAILURE = 1
*   HTTP_INVALID_STATE         = 2
*   HTTP_PROCESSING_FAILED     = 3.
*
*CLEAR V_RESPONSE.
*V_RESPONSE = HTTP_CLIENT->RESPONSE->GET_CDATA( ).
*
*IF NOT V_RESPONSE IS INITIAL.
**
** Cria um objeto XML do tipo CL_XML_DOCUMENT
**
* CREATE OBJECT XML.
*
**
** Cria um documento a partir de uma dados
**
* CALL METHOD XML->PARSE_STRING
* EXPORTING
*   STREAM = V_RESPONSE
* RECEIVING
*   RETCODE = V_TAMANHOI.
*
* PERFORM NO USING 'logradouro'.
* PERFORM NO USING 'nome'.
* PERFORM NO USING 'UF'.
* PERFORM NO USING 'cidade'.
*
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
*ENDIF.
*
**&-----
--*
**&      Form NO
**&-----
--*
**      text
**-----
--*
**      -->P_V_STRING text
**-----
--*
*FORM NO USING V_TAG.
*
*CALL METHOD XML->FIND_NODE
* EXPORTING
*   NAME      = V_TAG
* RECEIVING
*   NODE      = NODE.
*
*IF SY-SUBRC = 0.
*
* CALL METHOD NODE->GET_VALUE
*   RECEIVING
*     RVAL = V_VALOR.
*
* WRITE: / V_TAG, V_VALOR.
*
*ENDIF.
*
*ENDFORM.                " NO

DATA: BEGIN OF T_USER OCCURS 0,
      USERD LIKE USR02-BNAME,
      USERP LIKE USR02-BNAME.
DATA: END OF T_USER.

*TABELA INTERNA QUE RECEBERA OS DADOS DA SHDB
DATA: BEGIN OF T_BDC OCCURS 0.
      INCLUDE STRUCTURE BDCDATA.
DATA: END OF T_BDC.

*TABELA QUE RECEBERA AS MENSAGENS DO SISTEMA
DATA: T_MSG LIKE BDCMSGCOLL OCCURS 0 WITH HEADER LINE.

*VARIÁVEIS DE MENSAGENS PARA IMPRESSÃO
DATA: MSGS LIKE MESSAGE VALUE IS INITIAL,
      MSGNO LIKE SY-MSGNO.

*****
**
* DEFINIÇÃO DA TELA DE SELEÇÃO
*****
**
SELECTION-SCREEN BEGIN OF BLOCK BLOCO01 WITH FRAME TITLE TEXT-001.
PARAMETERS: P_PATH LIKE RLGRAP-FILENAME,          "NOME DO ARQUIVO
             P_MODAL TYPE C.                      "MODO DE EXECUÇÃO
```

---

# CALL TRANSACTION UDERSON LUIS FERMINO

---

SELECTION-SCREEN END OF BLOCK BLOCO01.

```
*****
**
*                               EVENTO AT SELECTION-SCREEN
*   É EXECUTADO TODA VEZ QUE COLOCO O CURSOR NO CAMPO P_PATH
*****
**
```

AT SELECTION-SCREEN ON VALUE-REQUEST FOR P\_PATH.

```
CALL FUNCTION 'KD_GET_FILENAME_ON_F4'
  CHANGING
    FILE_NAME          = P_PATH
  EXCEPTIONS
    MASK_TOO_LONG     = 1
    OTHERS              = 2
```

```
IF SY-SUBRC <> 0.
  MESSAGE I368(00) WITH TEXT-003.
ENDIF.
```

START-OF-SELECTION.

```
*SOBE ARQUIVO PARA TABELA INTERNA
  PERFORM CARREGA_TI.
*ONDE ESTARA TODA A LOGICA DO BI
  PERFORM BATCH_INPUT.
```

END-OF-SELECTION.

```
*&-----
-*
*&      Form  CARREGA_TI
*&-----
-*
```

FORM CARREGA\_TI.

```
CALL FUNCTION 'WS_UPLOAD'
  EXPORTING
    FILENAME          = P_PATH    "NOME DO ARQUIVO
    FILETYPE          = 'ASC'     "TIPO DO ARQUIVO .TXT OU
    .XLS
  TABLES
    DATA_TAB        = T_USER
  EXCEPTIONS
    CONVERSION_ERROR    = 1
    FILE_OPEN_ERROR     = 2
    FILE_READ_ERROR     = 3
    INVALID_TYPE        = 4
    NO_BATCH            = 5
    UNKNOWN_ERROR       = 6
    INVALID_TABLE_WIDTH = 7
    GUI_REFUSE_FILETRANSFER = 8
    CUSTOMER_ERROR      = 9
    OTHERS              = 10
```

```
IF SY-SUBRC <> 0.
  MESSAGE I368(00) WITH TEXT-003.
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
ENDIF.

ENDFORM.                    " CARREGA_TI
*&-----
-*
*&      Form  BATCH_INPUT
*&-----
-*
FORM BATCH_INPUT.

    PERFORM CARREGA_BDC.

ENDFORM.                    " BATCH_INPUT
*&-----
-*
*&      Form  CARREGA_BDC
*&-----
-*
FORM CARREGA_BDC.

    REFRESH T_BDC.

    PERFORM INSERE_LINE USING:
        'X'   'SAPLSUU5' '0050',
        ' '   'BDC_CURSOR' 'USR02-BNAME',
        ' '   'BDC_OKCODE' '=COPY',
        ' '   'USR02-BNAME' 'UFERMINO'.

    PERFORM INSERE_LINE USING:
        'X'   'SAPLSUU5' '0200',
        ' '   'BDC_CURSOR' 'USR02-BNAME',
        ' '   'BDC_OKCODE' '/00',
        ' '   'USR01-BNAME' 'UFERMINO',
        ' '   'USR02-BNAMEE' 'LTESTE',
        ' '   'CHECK_DEFAULTS' 'X',
        ' '   'CHECK_PARAMETERS' 'X',
        ' '   'CHECK_REFUSER' 'X',
        ' '   'CHECK_ACTGRP' 'X',
        ' '   'CHECK_PROFILES' 'X',
        ' '   'CHECK_USERGROUPS' 'X',
        ' '   'CHECK_PERS' 'X',
        ' '   'CHECK_LAW' 'X',
        ' '   'CHECK_EASY_ACCESS' 'X'.

    PERFORM INSERE_LINE USING:
        'X'   'SAPLSUU5' '0200',
        ' '   'BDC_CURSOR' 'USR02-BNAME',
        ' '   'BDC_OKCODE' '=COPY',
        ' '   'USR01-BNAME' 'UFERMINO',
        ' '   'USR02-BNAMEE' 'LTESTE',
        ' '   'CHECK_DEFAULTS' 'X',
        ' '   'CHECK_PARAMETERS' 'X',
        ' '   'CHECK_REFUSER' 'X',
        ' '   'CHECK_ACTGRP' 'X',
        ' '   'CHECK_PROFILES' 'X',
        ' '   'CHECK_USERGROUPS' 'X',
        ' '   'CHECK_PERS' 'X',
        ' '   'CHECK_LAW' 'X',
```

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
      ' ' 'CHECK_EASY_ACCESS' 'X'.

PERFORM INSERE_LINE USING:
      'X' 'SAPLSUU5' '0100',
      ' ' 'BDC_OKCODE' '=UPD',
      ' ' 'BDC_SUBSCR' 'SAPLSUU5',
      ' ' 'BDC_CURSOR' 'G_PASSWORD2',
      ' ' 'USLOGOND-USTYP' 'A',
      ' ' 'G_PASSWORD1' '123456',
      ' ' 'G_PASSWORD2' '123456'.

PERFORM CALL_TRANSACTION.
PERFORM IMPRIME_MENSAGENS.

ENDFORM.                " CARREGA_BDC
*&-----
-*
*&      Form  INSERE_LINE
*&-----
-*
FORM INSERE_LINE USING  U_START  TYPE C
                        U_NAME    TYPE C
                        U_VALUE.

CLEAR T_BDC.

MOVE U_START TO T_BDC-DYNBEGIN.

IF U_START = 'X'.
  MOVE:
    U_NAME TO T_BDC-PROGRAM,
    U_VALUE TO T_BDC-DYNPRO.
ELSE.
  MOVE:
    U_NAME TO T_BDC-FNAM,
    U_VALUE TO T_BDC-FVAL.
ENDIF.

APPEND T_BDC.

ENDFORM.                " INSERE_LINE
*&-----
-*
*&      Form  CALL_TRANSACTION
*&-----
-*
FORM CALL_TRANSACTION.

*EXECUTA O CALL TRANSACTION
REFRESH T_MSG.

CALL TRANSACTION 'SU01'
  USING T_BDC MODE P_MODAL
  MESSAGES INTO T_MSG
  UPDATE 'S'.

ENDFORM.                " CALL_TRANSACTION
```

---

# CALL TRANSACTION UDERSON LUIS FERMINO

---

```
* & -----
- *
* &      Form  IMPRIME_MENSAGENS
* & -----
- *

FORM IMPRIME_MENSAGENS.

LOOP AT T_MSG.
MSGNO = T_MSG-MSGNR.                "NÚMERO DA MENSAGEM

CALL FUNCTION 'WRITE_MESSAGE'
  EXPORTING
    MSGID      = T_MSG-MSGID        "IDENTIFICADOR DA MENSAGEM
    MSGNO      = MSGNO              "NÚMERO DA MENSAGEM
    MSGTY      = T_MSG-MSGTYP       "TIPO DE ERRO
    MSGV1      = T_MSG-MSGV1        "1º PARAMETRO
    MSGV2      = T_MSG-MSGV2        "2º PARAMETRO
    MSGV3      = T_MSG-MSGV3        "3º PARAMETRO
    MSGV4      = T_MSG-MSGV4        "4º PARAMETRO
    MSGV5      = ' '                "TABMESS-FLDNAME
  IMPORTING
    *  ERROR    =
    MESSG      = MENSNG.
    *  MSGLN    =
    WRITE / MENSNG-MSGTX.
ENDLOOP.

ENDFORM.                            " IMPRIME_MENSAGENS
```