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1. List of objects of type PROG - Program
   1. Program ZCEVR\_ALV\_REPORT\_TEMPLATE

Description: CEVR: Template for ALV report

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_TOP | CEVR: Template for ALV report |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_CLS | CEVR: Template for ALV report |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_SEL | CEVR: Template for ALV report |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_MAI | CEVR: Template for ALV report |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_FRM | CEVR: Template for ALV report |
| ZCEVR\_ALV\_REPORT\_TEMPLATE\_ALV | CEVR: Template for ALV report |

Screen 1000

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| B99 |  | Block of selection screen |
| P\_MAXSEL |  | Parameter |
| CB\_NOLIM |  | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_ALV\_REPORT\_TEMPLATE  
\*&  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_CHECK\_ADD

Description: CEVR - Kontrola adres

Documentation

&PURPOSE&

Program enables the user to check partner address

&INTEGRATION&

Called from CEVR\_KOKPIT program

&PREREQUISITES&

&FEATURES&

&SELECTION&

- Allows entering - Global selection criteria

- Suppler selection criteria

- Customer selection criteria

&STANDARD\_VARIANTS&

&OUTPUT&

Displays detail information about business partner

Selection:

- by address

- by bank details

- by Identification number

- by BP role

- according to user

- according to internet user

- by technical GUID

- by relationship

- by address version

- Group hierarchy

- by Different Atributes

- Using Search Engine

- serch using other ID numbers

- search by Aliases

&ACTIVITIES&

&EXAMPLE&

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_CHECK\_ADD\_TOP | cVERIFY - Check addresses |
| ZCEVR\_KOKPIT\_SELECT | cVERIFY - Check addresses |
| ZCEVR\_CHECK\_ADD\_CL | cVERIFY - Check addresses |
| ZCEVR\_CHECK\_ADD\_PBO | cVERIFY - Check addresses |
| ZCEVR\_CHECK\_ADD\_PAI | cVERIFY - Check addresses |
| ZCEVR\_CHECK\_ADD\_F01 | cVERIFY - Check addresses |
| ZCEVR\_CHECK\_ADD\_UPDATE\_ADDR | cVERIFY - Check addresses |

Screen 1000 Globl selection criteria

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 001 | Globl selection criteria | Block of selection screen |
| P\_NAME1 | D . | Selection option |
| P\_STCD2 | D . | Selection option |
| P\_STCD1 | D . | Selection option |
| P\_STCEG | D . | Selection option |
| P\_AC | D . | Selection option |
| 065 |  | Block of selection screen |
| P\_CLASS |  | Parameter |
| P\_WTCH | Monitored by CEVR service | Parameter |
| P\_AIC | Active - valid PIN (ARES) | Parameter |
| P\_ADIC | Active - valid TIN (VIES) | Parameter |
| P\_VIESS | Display CZ EU TIN only | Parameter |
| P\_UNPA | Untrustworthy payer (ADIS) | Parameter |
| P\_BNKU | Objects in insolvence (ISIR) | Parameter |
| P\_BANKR | Objects in likvidation (ARES) | Parameter |
| 004 | Parameters for supplier selection | Block of selection screen |
| P\_VEND | Select supplier | Parameter |
| P\_LIFNR | D . | Selection option |
| P\_KTOKK | D . | Selection option |
| P\_EKORG | D . | Selection option |
| 005 | Parameters for customer selection | Block of selection screen |
| P\_CUSTOM | Select customers | Parameter |
| P\_KUNNR | D . | Selection option |
| P\_KTOKD | D . | Selection option |
| P\_VKORG | D . | Selection option |
| P\_VTWEG | D . | Selection option |
| P\_VKBUR | D . | Selection option |
| P\_VKGRP | D . | Selection option |
| 006 | Parameters for employee selection | Block of selection screen |
| P\_EMPLOY | Select employees | Parameter |
| P\_PERNR | D . | Selection option |
| P\_MASSN |  | Selection option |
| P\_PERSG |  | Selection option |
| P\_VORNA | D . | Selection option |
| P\_NACHN |  | Selection option |
| P\_PERID |  | Selection option |
| %\_F |  | Block of selection screen |
| P\_DIFF | only non-corresponding addrs | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_CHECK\_ADD  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& This report check address of selected objects  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Jan Gold, KCT Data 04/2013  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date: 19.07.2013 vers: 1.3  
\*& Changed by: Jan Gold  
\*& update master data using IDOC (KNA1, LFA1)  
\*&---------------------------------------------------------------------\*  
\*& Date: 08.10.2013 vers: 1.3  
\*& Changed by: Jan Gold  
\*& added functionality for checking ICO and DIC  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_CHECK\_BANK\_ACC

Description: cVERIFY - Check bank account

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_CHECK\_BANK\_ACC\_TOP | cVERIFY - Check bank account |
| ZCEVR\_CHECK\_BANK\_ACC\_F01 | cVERIFY - Check bank account |
| ZCEVR\_CHECK\_BANK\_ACC\_PBO | cVERIFY - Check bank account |
| ZCEVR\_CHECK\_BANK\_ACC\_PAI | cVERIFY - Check bank account |

Screen 1000 Selection criteria

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 001 | Selection criteria | Block of selection screen |
| P\_VEND | Vendor | Parameter |
| P\_LIFNR | D . | Parameter |
| P\_CUST | Customer | Parameter |
| P\_KUNNR | D . | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_CHECK\_BANK\_ACC  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& This report check bank accounts  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Jan Gold, KCT Data 05/2013  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_CLASS\_ATTRIBUTES\_ADM

Description: CEVR - Create classification attributes

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_CLASS\_ATTRIBUTES | CEVR - Create classification attributes |
| ZCEVR\_CLASSES | CEVR - Create classification attributes |

Screen 1000 Selection criteria

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 001 | Selection criteria | Block of selection screen |
| PR\_CHARA | Characteristics creation | Parameter |
| PR\_CLASS | Classes creation | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZREGISTRY\_CLASSIF\_ATTRIBUTES  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_COMPARE\_SUBSCR

Description: CEVR - Kontrola a porovnání přihlášených objektů CEVR vs. SAP

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_COMPARE\_SUBSCR\_TOP |  |
| ZCEVR\_COMPARE\_SUBSCR\_F01 |  |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_COMPARE\_SUBSCR  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& 1. Download list of subscribed objects at API.CEVR.EU  
\*& 2. Get list of watched objects in SAP (CEVR\_WATCHED = 1)  
\*&  
\*& The report compares these two sources and activates all missing  
\*& objects in either first or second source.  
\*&  
\*& Result of the report is logged into ZCEVR/APPL object.  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Petr Zak, KCT Data  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date: vers: 1.X  
\*& Changed by:  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_INIT

Description: CEVR - Prvotní načtení dat do klasifikací v1.3

Documentation

&TITLE&

Prvotní načtení dat do klasifikací

Verze: 1.3

&PURPOSE&

&INTEGRATION&

&PREREQUISITES&

&FEATURES&

&SELECTION&

&STANDARD\_VARIANTS&

&OUTPUT&

&ACTIVITIES&

&EXAMPLE&

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_INIT\_TOP | cVERIFY: Initial update of classification objects |
| ZCEVR\_INIT\_F01 | cVERIFY: Initial update of classification objects |
| ZCEVR\_IDOC\_FORMS | cVERIFY: Initial update of classification objects |
| ZCEVR\_ISIR\_UTILS | cVERIFY: Initial update of classification objects |

Screen 1000 Limit update to:

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 004 | Limit update to: | Block of selection screen |
| P\_STCD2 | Tax number | Selection option |
| P\_STCEG | D . | Selection option |
| P\_ALL | All classified objects | Parameter |
| P\_WATCH | All classified and watched | Parameter |
| P\_OBJALL | All types of objects. | Parameter |
| P\_OBJVEN | Only vendors | Parameter |
| P\_OBJCUS | Only customers | Parameter |
| P\_OBJEMP | Only employees | Parameter |
| 011 | Registries to process | Block of selection screen |
| PA\_ARES | ARES | Parameter |
| PA\_ADIS | ADIS | Parameter |
| PA\_VIES | VIES | Parameter |
| PA\_ISIR | ISIR | Parameter |
| PA\_WRITE | text-output requested? | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_INIT  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& This report gets list of all classified objects for CEVR class.  
\*&  
\*& Offers options for udpate of all object, watched objects or  
\*& only of object not updated previously (newly added).  
\*&  
\*& For created list this report calls CEVR, receives xml information,  
\*& creates IDOCS and creates logs into SLG1.  
\*& Logs are under ZCEVR / CLASSIF object.  
\*&  
\*& Registries to be processed can be restricted.  
\*& It is usefull particularly in case of a Subject appears in  
\*& the ISIR reg for the first time. Then just the ISIR data can  
\*& be processed separatly.  
\*& For other registries (ARES, ADIS, VIES ,..) it is better to  
\*& be processed all at once.  
\*&  
\*& IDOCs are created in this way:  
\*& -one IDOC for mastertable record classification (LFA1/KNA1) over  
\*& all registries (VIES, ARES, ISIR, ADIS)  
\*& -one IDOC for each subtable record classifcation (LFAS/KNAS,  
\*& LFBK/KNBK ) and corresponding registry  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Petr Zak, KCT Data  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date:20.3.2013 vers: 1.3  
\*& Changed by: Pavel Sanda, KCT Data  
\*& enhancing for ADIS registry  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date:22.8.2013 vers: 1.5  
\*& Changed by: V.Hodinka, KCT Data  
\*& enhanced for params to select individual registries for processing  
\*&---------------------------------------------------------------------\*  
\*& Date:11/2013 vers: 2.1  
\*& Petr Zak - avoiding dull server requests for invalid ICO or RC  
\*& and ISIR status treatment adjustments.  
\*&---------------------------------------------------------------------\*  
\*& Date:13.12.2013 cr: 2.1a  
\*& Changed by: V.Hodinka, KCT Data  
\*& 1/ISIR's folders aggregation implemented for those with non "DLUZNIK"  
\*& role. Only one item with number of such folders is created, instead  
\*& of list of them.  
\*& 2/ISIR folder's data saved to just one classfication attribut  
\*& contaning all folder ID, folder status a subject role, from now on.  
\*& (up to now, there were two attribs -one for Folder ID + role and  
\*& second for Folder ID + status. But it was poorly arranged when  
\*& displaying it in tx. ZCEVR to users)  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& 1. For given tax number / personal number it searches for all  
\*& objects in the system (vendors, customers, employees).  
\*&  
\*& Used mainly for update of individual object.  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& 1. read all objects assigned to CEVR class in all class types  
\*& 2. In Loop - for each object read whether is watched  
\*& 3. According to user input it adjusts list of objects for update.  
\*&---------------------------------------------------------------------\*  
\*&------------------------------------------------------------  
\*&  
\*& VIES  
\*& Creates IDOC segment for Master data classification  
\*& and separate IDOCs for additional EU VAT VIES Numbers  
\*&  
\*&------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*&  
\*& ADIS:  
\*&  
\*& Unreliable payer status is saved into MD classification.  
\*& Separate IDOCs are created for bank accounts.  
\*& Existing bank accounts are deleted.  
\*&  
\*&--------------------------------------------------------------------  
\*&------------------------------------------------------------  
\*&  
\*& ARES  
\*& Creates IDOC segments for Master data classification.  
\*&  
\*&  
\*&------------------------------------------------------------  
\*&------------------------------------------------------------  
\*&  
\*& ISIR  
\*& Creates IDOC segments for Master data classification.  
\*&  
\*&  
\*&------------------------------------------------------------  
\*&------------------------------------------------------------  
\*&  
\*& Main IDOC  
\*& Finalizes IDOC segments for Master data classification  
\*& and sends it.  
\*&  
\*&------------------------------------------------------------

* 1. Program ZCEVR\_NOTIFY

Description: cVERIFY: Notifikace z aplikačního logu

Documentation

&PURPOSE&

Program allows to gain information from application log

&INTEGRATION&

Called from CEVR\_KOKPIT

&PREREQUISITES&

&FEATURES&

&SELECTION&

Selection screen offers searching for:

- application log

- error message

- message recipient

&STANDARD\_VARIANTS&

&OUTPUT&

&ACTIVITIES&

Check boxes:

- Section for error message selection

- All Errors

- All Warnings

- All Information

- Entire Selection screen

- Check box allowing to limit display for screen listing only

&EXAMPLE&

Includes

|  |  |
| --- | --- |
| Program include | Description |

Screen 1000 Parameters for application log selection

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 010 | Parameters for application log selection | Block of selection screen |
| P\_OBJECT | D . | Parameter |
| P\_SUBOBJ | D . | Parameter |
| P\_EXTIDE | D . | Parameter |
| SO\_ALDAT | D . | Selection option |
| SO\_ALTIM | D . | Selection option |
| P\_ALUSER | D . | Parameter |
| P\_ALCODE | D . | Parameter |
| P\_ALPROG | D . | Parameter |
| 011 | Parameters for error message selection | Block of selection screen |
| P\_ERROR | All Errors | Parameter |
| P\_WARNIN | All Warnings | Parameter |
| P\_INFO | All Information | Parameter |
| SO\_ERNUM | D . | Selection option |
| P\_ONLY | Precise selected messages only | Parameter |
| 012 | Message recipient | Block of selection screen |
| SO\_ADRES | D . | Selection option |
| P\_DESCCR | D . | Parameter |
| P\_TEST | Screen listing only | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_NOTIFY  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Autor: David Hanzlík, KCT Data,s.r.o.  
\*& Datum: 2.5.2013  
\*& Popis:  
\*& Report for analisys Apl.Log and send mail to selected persons  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_SAVE\_MAST\_DATA\_VEND

Description: CEVR - Save master data for vendor

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_SAVE\_MAST\_DATA\_TOP | CEVR - Save master data for vendor |
| ZCEVR\_MAST\_VEND\_SS | CEVR - Save master data for vendor |
| ZCEVR\_SAVE\_MAST\_DATA\_O01 | CEVR - Save master data for vendor |
| ZCEVR\_SAVE\_MAST\_DATA\_I01 | CEVR - Save master data for vendor |
| ZCEVR\_SAVE\_MAST\_DATA\_F01 | CEVR - Save master data for vendor |

Screen 1000 Create new data for vendor

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 001 | Create new data for vendor | Block of selection screen |
| R\_R\_SUBJ | Reference | Parameter |
| P\_R\_SUBJ | Reference subject | Parameter |
| R\_N\_VAL | Enter new value | Parameter |
| P\_C\_CODE | Company code | Parameter |
| P\_ACC\_GR | Account group | Parameter |
| P\_P\_ORG | Purchasing org. | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_SAVE\_MAST\_DATA\_VEND  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& Report saves master data for specific vendor  
\*&  
\*& isn't a productive programm !!  
\*&---------------------------------------------------------------------\*  
\*& Created by: P.Zoldos, KCT Data 07/2013  
\*&---------------------------------------------------------------------\*

* 1. Program ZCEVR\_UPDATE

Description: CEVR - Aktualizace atributů klasifikací přihlášených subjektů v1.3

Documentation

&TITLE&

&PURPOSE&

report ZCEVR\_UPDATE slouží pro načtení změnových dat služby CEVR kobjektům pro které bylo aktivováno sledování a jejich uložení

do klasifikačních atributů.

&INTEGRATION&

&PREREQUISITES&

&FEATURES&

&SELECTION&

varianta výběrové obrazovky reportu ZCEVR\_NOTIFY pro odesláníupozorněnína provedené změny.

flag to ignore errors in ZCEVR\_INIT processing when being called todownload a just activated subject's all registeries complete datarecords or subject's ISIR complete data record. As a result anotification msg is confirmed in any case (it doesn't cause anyserialization problem when downloading of compl.record is executed lateron).

&STANDARD\_VARIANTS&

&OUTPUT&

&ACTIVITIES&

&EXAMPLE&

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_UPDATE\_TOP | cVERIFY - update of class.attributes of registered subjects |
| ZCEVR\_UPDATE\_F01 | cVERIFY - update of class.attributes of registered subjects |
| ZCEVR\_IDOC\_FORMS | cVERIFY - update of class.attributes of registered subjects |
| ZCEVR\_ISIR\_UTILS | cVERIFY - update of class.attributes of registered subjects |

Screen 1000 Max no.of notif.reguests

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| PA\_FETCH | Max no.of notif.reguests | Parameter |
| 004 | Report ZCEVR\_NOTIFY variant for email notification | Block of selection screen |
| SO\_MAVAR | D . | Selection option |
| 017 | Report ZCEVR\_INIT controls | Block of selection screen |
| PA\_IERR | ignore errors | Parameter |
| PA\_LOCAL | Upload msg from local file | Parameter |
| 016 | Using local file | Block of selection screen |
| PA\_FNAME | D . | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_UPDATE  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*& 1. Calls API for list of changes on watched objects.  
\*& 2. Creates IDOC segment for each change, both mastertable record  
\*& (LFA1/KNA1) or subtable records ( KNAS/LFAS or KNBK/LFBK).  
\*& Mastertable records IDOCs are created individually for each  
\*& registry (in contrary to rep.ZCEVR\_INIT where one IDOC  
\*& for each master record is  
\*& created over all registries (ARES, VIES, ADIS,..)  
\*& 3. Sends IDOC  
\*&---------------------------------------------------------------------\*  
\*& Created by: Petr Zak, KCT Data  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date:20.3.2013 vers: 1.3  
\*& Changed by: Pavel Sanda, KCT Data  
\*& enhancing for ADIS registry  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Date: 10.5.2013 vers: 1.3b  
\*& Changed by: Vladimir Hodinka, KCT Data  
\*& adjustment of master table idoc creating - just one idoc for one  
\*& master record created over all registries (similiar alghorithm  
\*& like in ZCEVR\_INIT is used ).  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Date:22.8.2013 vers: 1.5  
\*& Changed by: V.Hodinka, KCT Data  
\*& enhanced for calling a full data download of ISIR (by report  
\*& ZCEVR\_INIT) independently of other registeres  
\*&---------------------------------------------------------------------\*  
\*& Date:28.8.2013 vers: 2.0  
\*& Changed by: V.Hodinka, KCT Data  
\*& new CEVR service's adjustments and enabling individual register  
\*& full download feature (up to now, all regs were downloaded at once,  
\*& when the subject got activated). ZCEVR\_INIT is submitted in loop  
\*& for individual subjects now.  
\*&---------------------------------------------------------------------\*  
\*& Date:12.9.2013 hotFix1  
\*& Changed by: V.Hodinka, KCT Data  
\*& (marked "v2.0hf1")  
\*& avoiding problem with overwriting ARES  
\*& attributes with VIES data for CZ subjects when notification  
\*& processing.  
\*&---------------------------------------------------------------------\*  
\*&------------------------------------------------------------  
\*&  
\*& Main IDOC  
\*& Finalizes IDOC segments for Master data classification  
\*& and sends it.  
\*&  
\*&------------------------------------------------------------

* 1. Program ZCEVR\_UPLOAD\_CSV

Description: CEVR - Upload ZCEVR table(s) from CSV file

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZCEVR\_UPLOAD\_CSV\_F01 | CEVR - Upload ZCEVR table(s) from CSV file |

Screen 1000 Selection criteria

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| 001 | Selection criteria | Block of selection screen |
| PV\_FILE | CSV filename | Parameter |
| 002 | Choose processing | Block of selection screen |
| PR\_CLAUS | Business activity subjects | Parameter |
| PR\_STAT | ISIR statuses | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Report ZCEVR\_UPLOAD\_CSV  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*& This report uploads data from CSV file to ZCEVR table(s)  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Michal Zeman, KCT Data 05/2013  
\*&---------------------------------------------------------------------\*

1. List of objects of type CLAS - Class (ABAP Objects)
   1. Class (ABAP Objects) ZCEVR\_APPL\_UTILS

Description: ZCEVR\_APPL shared methods

Superclass: OBJECT

Class atributes

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited |
| OB\_WORKBENCH\_UTILS | CEVR - Shared methods | Public | No |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADDITIONAL\_VAT\_LIABILITY\_CHECK | Checks whether partner is VAT liable | Public | No | No | No |
| CEVR\_ISIR\_REGISTRATION\_CHECK | Customer defined code for registration comparison for ISIR | Public | No | No | No |
| CONSTRUCTOR | Missing | Public | No | No | No |
| CREATE\_IDOC\_CONTROL\_SEG | Missing | Public | No | No | No |
| F110\_CUSTOMER\_DEFINED\_SELECT | Adds customer defined select into F110 payment run | Public | No | No | No |
| FORMAT\_ADDRESS\_FIELDS | format ARES ZIP code by SAP rule/mask | Public | No | No | No |
| GET\_LOCAL\_SUBCLASS | Missing | Public | No | No | No |
| GET\_OBLIG\_PARAMS\_CUSTOMER | Getting def. params necessary to save customer master data | Public | No | No | No |
| GET\_OBLIG\_PARAMS\_VENDOR | Getting default params necessary to save vendor master data | Public | No | No | No |
| GET\_SAPKEYS\_FOR\_STCD2 | Missing | Public | No | No | No |
| GET\_SAPKEYS\_FOR\_STCEG | Missing | Public | No | No | No |
| NORMALIZE\_BANKACC | normalize both local and IBAN bank acc to CEVR inner format | Public | No | No | No |
| TRANSFORM\_CEVR2BANKN | constructs BANKN from CEVR (prefix sperated by '-' as a st.) | Public | No | No | No |
| TRANSFORM\_IBAN2BANKN | constructs BANKN from IBAN (prefix sperated by '-' as a st.) | Public | No | No | No |

* + 1. Method ADDITIONAL\_VAT\_LIABILITY\_CHECK

Description: Checks whether partner is VAT liable

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| XY\_BUKRS | Company Code | Importing | No | Yes |
| XY\_BELNR | Accounting Document Number | Importing | No | Yes |
| XY\_GJAHR | Fiscal Year | Importing | No | Yes |
| XY\_KOART | Account Type | Importing | No | Yes |
| XY\_LV\_VAT\_CONDITION | Checkbox | Changing | No | Yes |

* + 1. Method CEVR\_ISIR\_REGISTRATION\_CHECK

Description: Customer defined code for registration comparison for ISIR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| I\_TAX\_NUMBER | Business Partner Tax Number | Importing | No | No |
| I\_LT\_CEVR\_LIST | CEVR - Subscription list - TT | Importing | No | No |
| E\_SUBSCRIBE | Checkbox | Exporting | No | Yes |

* + 1. Method CONSTRUCTOR

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method CREATE\_IDOC\_CONTROL\_SEG

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| X\_LOG\_ID | Application Log: External ID | Importing | No | Yes |
| X\_OBJTABLE | Name of database table for object | Importing | No | No |
| Y\_EDIDC | IDoc Control Record for Interface to External System | Exporting | No | Yes |

* + 1. Method F110\_CUSTOMER\_DEFINED\_SELECT

Description: Adds customer defined select into F110 payment run

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| XY\_LIFNR | Account Number of Vendor or Creditor | Importing | No | Yes |
| XY\_KUNNR | Customer Number 1 | Importing | No | Yes |
| XY\_LV\_CUSTOM\_SELECT | Checkbox | Exporting | No | Yes |

* + 1. Method FORMAT\_ADDRESS\_FIELDS

Description: format ARES ZIP code by SAP rule/mask

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| XY\_PSTCD1 | City postal code | Changing | No | No |

* + 1. Method GET\_LOCAL\_SUBCLASS

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| Y\_O\_APPL\_UTILS\_SPEC | ZCEVR\_APPL shared methods | Returning | Yes | Yes |

* + 1. Method GET\_OBLIG\_PARAMS\_CUSTOMER

Description: Getting def. params necessary to save customer master data

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_KTOKD | Customer Account Group | Exporting | No | Yes |
| EV\_AKONT | Reconciliation Account in General Ledger | Exporting | No | Yes |
| EV\_BUKRS | Company Code | Exporting | No | Yes |
| EV\_FDGRV | Planning group | Exporting | No | Yes |
| EV\_BANKA | Name of bank | Exporting | No | Yes |

* + 1. Method GET\_OBLIG\_PARAMS\_VENDOR

Description: Getting default params necessary to save vendor master data

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_KTOKK | Vendor account group | Exporting | No | Yes |
| EV\_AKONT | Reconciliation Account in General Ledger | Exporting | No | Yes |
| EV\_BUKRS | Company Code | Exporting | No | Yes |
| EV\_FDGRV | Planning group | Exporting | No | Yes |

* + 1. Method GET\_SAPKEYS\_FOR\_STCD2

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method GET\_SAPKEYS\_FOR\_STCEG

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method NORMALIZE\_BANKACC

Description: normalize both local and IBAN bank acc to CEVR inner format

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| XY\_BANKACC | IBAN (International Bank Account Number) | Changing | No | Yes |

Code comment

\*&can be redefined by customer requiremets.  
\*&Transform bank accounts, both in local (xxxx-xxxxxxxxx/xxxx)  
\*&and IBAN format to CEVR inner format, used for bank accs  
\*&comparing or as a classification key etc..  
\*&CEVR's inner format is without any spaces and without leading zeros  
\*&in both prefix and bank account number itself.  
\*&No formatting applied to Bank key (\*/xxxx), when occurs in the local  
\*&format.

* + 1. Method TRANSFORM\_CEVR2BANKN

Description: constructs BANKN from CEVR (prefix sperated by '-' as a st.)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| X\_CEVR\_BA | IBAN (International Bank Account Number) | Importing | No | No |
| Y\_BANKN | Bank account number | Exporting | No | Yes |
| Y\_BANKL | Bank number | Exporting | No | Yes |
| Y\_BANKS | Bank country key | Exporting | No | Yes |

Code comment

\*& this method can be overridden f.e. when using fixed lengths  
\*& of prefix (6) and account (10) instead of '-' separator (CEVR  
\*& standard format)  
\*& Method NORMALIZE\_BANKACC can be applied with this one.

* + 1. Method TRANSFORM\_IBAN2BANKN

Description: constructs BANKN from IBAN (prefix sperated by '-' as a st.)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| X\_IBAN | IBAN (International Bank Account Number) | Importing | No | No |
| Y\_BANKN | Bank account number | Exporting | No | Yes |
| Y\_BANKL | Bank number | Exporting | No | Yes |
| Y\_BANKS | Bank country key | Exporting | No | Yes |

Code comment

\*& this method can be overridden f.e. when using fixed lengths  
\*& of prefix (6) and account (10) instead of '-' separator (CEVR  
\*& standard format).  
\*& Method NORMALIZE\_BANKACC can be required after this one.

1. List of objects of type FUGR - Function Group
   1. Function Group ZCEVR\_CL\_OBJ

Description:

Include list

|  |  |
| --- | --- |
| Include Id | Description |
| LZCEVR\_CL\_OBJTOP |  |
| LZCEVR\_CL\_OBJU01 | LZCEVR\_CL\_OBJU01 |
| LZCEVR\_CL\_OBJU02 | LZCEVR\_CL\_OBJU02 |
| LZCEVR\_CL\_OBJU03 | LZCEVR\_CL\_OBJU03 |
| LZCEVR\_CL\_OBJU04 | LZCEVR\_CL\_OBJU04 |
| LZCEVR\_CL\_OBJU05 | LZCEVR\_CL\_OBJU05 |

* + 1. Functional module OBJECT\_CHECK\_LFAS

Description:

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| CALLED\_FROM |  | Import | No | No |
| LANGUAGE |  | Import | No | No |
| LOCK |  | Import | No | No |
| SINGLE |  | Import | No | No |
| DATE\_OF\_CHANGE |  | Import | No | No |
| I\_AUTH\_CHK |  | Import | No | No |
| FAULT\_TEXT |  | Export | - | No |
| MESSAGE\_TYPE |  | Export | - | No |
| NO\_AUTH |  | Export | - | No |
| MEINS |  | Export | - | No |
| OTAB |  | Table | No | - |

* + 1. Functional module OBJECT\_CHECK\_PA0002

Description:

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| CALLED\_FROM |  | Import | No | No |
| LANGUAGE |  | Import | No | No |
| LOCK |  | Import | No | No |
| SINGLE |  | Import | No | No |
| DATE\_OF\_CHANGE |  | Import | No | No |
| I\_AUTH\_CHK |  | Import | No | No |
| FAULT\_TEXT |  | Export | - | No |
| MESSAGE\_TYPE |  | Export | - | No |
| NO\_AUTH |  | Export | - | No |
| MEINS |  | Export | - | No |
| OTAB |  | Table | No | - |

* + 1. Functional module OBJECT\_CHECK\_LFBK

Description:

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| CALLED\_FROM |  | Import | No | No |
| LANGUAGE |  | Import | No | No |
| LOCK |  | Import | No | No |
| SINGLE |  | Import | No | No |
| DATE\_OF\_CHANGE |  | Import | No | No |
| I\_AUTH\_CHK |  | Import | No | No |
| FAULT\_TEXT |  | Export | - | No |
| MESSAGE\_TYPE |  | Export | - | No |
| NO\_AUTH |  | Export | - | No |
| MEINS |  | Export | - | No |
| OTAB |  | Table | No | - |

* + 1. Functional module OBJECT\_CHECK\_KNAS

Description:

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| CALLED\_FROM |  | Import | No | No |
| LANGUAGE |  | Import | No | No |
| LOCK |  | Import | No | No |
| SINGLE |  | Import | No | No |
| DATE\_OF\_CHANGE |  | Import | No | No |
| I\_AUTH\_CHK |  | Import | No | No |
| FAULT\_TEXT |  | Export | - | No |
| MESSAGE\_TYPE |  | Export | - | No |
| NO\_AUTH |  | Export | - | No |
| MEINS |  | Export | - | No |
| OTAB |  | Table | No | - |

* + 1. Functional module OBJECT\_CHECK\_KNBK

Description:

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| CALLED\_FROM |  | Import | No | No |
| LANGUAGE |  | Import | No | No |
| LOCK |  | Import | No | No |
| SINGLE |  | Import | No | No |
| DATE\_OF\_CHANGE |  | Import | No | No |
| I\_AUTH\_CHK |  | Import | No | No |
| FAULT\_TEXT |  | Export | - | No |
| MESSAGE\_TYPE |  | Export | - | No |
| NO\_AUTH |  | Export | - | No |
| MEINS |  | Export | - | No |
| OTAB |  | Table | No | - |

* 1. Function Group ZCEVR\_MASTER\_DATA

Description: Master data processing

Include list

|  |  |
| --- | --- |
| Include Id | Description |
| LZCEVR\_MASTER\_DATATOP |  |
| LZCEVR\_MASTER\_DATAU01 | LZCEVR\_MASTER\_DATAU01 |
| LZCEVR\_MASTER\_DATAU02 | LZCEVR\_MASTER\_DATAU02 |
| LZCEVR\_MASTER\_DATAU03 | LZCEVR\_MASTER\_DATAU03 |
| LZCEVR\_MASTER\_DATAU04 | LZCEVR\_MASTER\_DATAU04 |

* + 1. Functional module ZCEVR\_NEW\_VENDOR

Description: Creates new master data record for vendor

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| IS\_ARES | CEVR - Information about subject - register ARES | Import | No | No |
| IS\_ADIS | Information about subject - register ADIS | Import | No | No |
| IV\_VENDOR\_REF\_NUM | Account Number of Reference Vendor or Creditor | Import | No | No |
| IV\_KUNNR | Customer Number 1 | Import | No | No |
| IV\_COMP\_CODE | Company Code | Import | No | No |
| IV\_ACC\_GROUP | Vendor account group | Import | No | No |
| IV\_AKONT | Reconciliation Account in General Ledger | Import | No | No |
| IV\_FDGRV | Planning group | Import | No | No |
| EV\_VENDOR\_NUMBER | Account Number of Vendor or Creditor | Export | - | No |
| EV\_ADDRESS\_NUMBER | Address number | Export | - | No |
| ET\_BAPIRET | Return parameter table | Export | - | No |
| ET\_IDOC\_RETURN\_VAR | Assignment of IDoc or document no. to method parameter | Export | - | No |
| ERROR |  | Parameter |  |  |

Code comment

\*& creates a new vendor from ARES & ADIS regs data by means of CREMAS  
\*& idoc FM and BAPI\_ADDRESSORG\_SAVEREPLICA (to create address in a central  
\*& address mgmt). Vendor is created also with bank accounts registered  
\*& in ADIS reg and by either reference vendor or with basic control  
\*& attributes set in CEVR parameters  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: P.Zoldos, KCT Data 07/2013  
\*&---------------------------------------------------------------------\*  
\*&for creating bank accounts without updating bank's master data,  
\*& check following note:  
\*&Note 697492 - ALE: Bank master data updated while vendor distribution  
\*& 1. step: build IDOC segment tables  
\*& 2. step: save master data via iDoc  
\*& 3. step: prepare data for replica  
\*& 4. step: save data to central registry via save\_replica  
\*&---------------------------------------------------------------------\*  
\*& Form get\_vacant\_vendor\_id  
\*&---------------------------------------------------------------------\*  
\*& Getting next free vendor id - not used (vendor ID generated by IDOC)!  
\*&---------------------------------------------------------------------\*  
\*& Form idoc\_stat\_to\_bapiret  
\*&---------------------------------------------------------------------\*  
\*& Converting IDOC status table to table with bapiret structure  
\*&---------------------------------------------------------------------\*  
\*& Form build\_idoc\_segments\_vend  
\*&---------------------------------------------------------------------\*  
\*& Building IDOC segments  
\*&---------------------------------------------------------------------\*  
\*& Form get\_oblig\_params\_from\_ref  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form build\_repl\_addr\_str\_vend  
\*&---------------------------------------------------------------------\*  
\*& Filling replica address structure

* + 1. Functional module ZCEVR\_NEW\_CUSTOMER

Description: Creates new master data for customer

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| IS\_ARES | CEVR - Information about subject - register ARES | Import | No | No |
| IS\_ADIS | Information about subject - register ADIS | Import | No | No |
| IV\_CUSTOMER\_REF\_NUM | Account Number of Reference Vendor or Creditor | Import | No | No |
| IV\_LIFNR | Account Number of Vendor or Creditor | Import | No | No |
| IV\_BUKRS | Company Code | Import | No | No |
| IV\_KTOKD | Customer Account Group | Import | No | No |
| IV\_AKONT | Reconciliation Account in General Ledger | Import | No | No |
| IV\_FDGRV | Planning group | Import | No | No |
| EV\_CUSTOMER\_NUMBER | Account Number of Vendor or Creditor | Export | - | No |
| EV\_ADDRESS\_NUMBER | Address number | Export | - | No |
| ET\_BAPIRET | Return parameter table | Export | - | No |
| ET\_IDOC\_RETURN\_VAR | Assignment of IDoc or document no. to method parameter | Export | - | No |
| ERROR |  | Parameter |  |  |

Code comment

\*&---------------------------------------------------------------------\*  
\*&  
\*& creates a new customer from ARES & ADIS regs data by means of DEBMAS  
\*& idoc and BAPI\_ADDRESSORG\_SAVEREPLICA (to create address in a central  
\*& address mgmt). Customer is created also with bank accounts registered  
\*& ADIS reg and by either reference customer or with basic control  
\*& attributes set in CEVR parameters  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: P.Zoldos, KCT Data 07/2013  
\*&---------------------------------------------------------------------\*  
\*&for creating bank accounts without updating bank's master data,  
\*& check following note:  
\*&Note 697492 - ALE: Bank master data updated while vendor distribution  
\*& 1. step: build IDOC segment tables  
\*& 2. step: save master data via iDoc  
\*& 3. step: prepare data for replica  
\*& 4. step: save data to central registry via save\_replica  
\*&---------------------------------------------------------------------\*  
\*& Form get\_vacant\_vendor\_id  
\*&---------------------------------------------------------------------\*  
\*& Getting next free vendor id - not used (vendor ID generated by IDOC)!  
\*&---------------------------------------------------------------------\*  
\*& Form build\_idoc\_segments  
\*&---------------------------------------------------------------------\*  
\*& Building IDOC segments  
\*&---------------------------------------------------------------------\*  
\*& Form get\_oblig\_params\_from\_ref\_cust  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form build\_replica\_address\_struc  
\*&---------------------------------------------------------------------\*  
\*& Filling replica address structure

* + 1. Functional module ZCEVR\_EXPORT\_ARES\_ADIS\_TO\_MEM

Description: Export struktur ARES a ADIS do paměti

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| IS\_INFO\_ARES | CEVR - Information about subject - register ARES | Import | No | No |
| IS\_INFO\_ADIS | Information about subject - register ADIS | Import | No | No |
| EV\_ARES\_EXP\_ID | Exp. ID for ARES structure | Export | - | No |
| EV\_ADIS\_EXP\_ID | Exp. ID for ADIS structure | Export | - | No |

* + 1. Functional module ZCEVR\_IMPORT\_ARES\_ADIS\_FR\_MEM

Description: Export struktur ARES a ADIS do paměti

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| IS\_INFO\_ARES | CEVR - Information about subject - register ARES | Import | No | No |
| IS\_INFO\_ADIS | Information about subject - register ADIS | Import | No | No |
| ES\_INFO\_ARES | CEVR - Information about subject - register ARES | Export | - | No |
| ES\_INFO\_ADIS | Information about subject - register ADIS | Export | - | No |
| EV\_ARES\_EXP\_ID | Exp. ID for ARES structure | Export | - | No |
| EV\_ADIS\_EXP\_ID | Exp. ID for ADIS structure | Export | - | No |

* 1. Function Group ZCEVR\_SAVE

Description:

Include list

|  |  |
| --- | --- |
| Include Id | Description |
| LZCEVR\_SAVEF01 | Include LZCEVR\_SAVEF01 |
| LZCEVR\_SAVETOP | Include LZCEVR\_SAVETOP |
| LZCEVR\_SAVEU04 | LZCEVR\_SAVEU04 |
| ZCEVR\_IDOC\_FORMS | CEVR - FORMy pro generovani IDOCu z INIT a UPDATE reportu |
| ZCEVR\_ISIR\_UTILS | Include ZCEVR\_ISIR\_UTILS |

* + 1. Functional module ZCEVR\_IDOC\_INPUT\_CLFMAS

Description: Maintain classif. by data distribution - adding missing attributes v1.3

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| INPUT\_METHOD | Input method for IDoc input function library | Import | No | No |
| MASS\_PROCESSING | Flag: mass processing | Import | No | No |
| WORKFLOW\_RESULT | Value resulting from method | Export | - | No |
| APPLICATION\_VARIABLE | Variable (to be used as required) | Export | - | No |
| IN\_UPDATE\_TASK | Application triggered update | Export | - | No |
| CALL\_TRANSACTION\_DONE | Flag: call transaction successful | Export | - | No |
| IDOC\_CONTRL | Control record (EDI interim document) | Table | No | - |
| IDOC\_DATA | Data segment (EDI interim document) | Table | No | - |
| IDOC\_STATUS | IDoc status fields for ALE | Table | No | - |
| RETURN\_VARIABLES | Allocation of IDoc or document number to method parameter | Table | No | - |
| SERIALIZATION\_INFO | Serialization objects for one or more IDocs | Table | No | - |
| WRONG\_FUNCTION\_CALLED | Incorrect message type | Parameter |  |  |

Code comment

\*&---------------------------------------------------------------------\*  
\*&  
\*& 1. Receives standard CLFMAS IDOC Data  
\*& 2. Reads classification object Data  
\*& 3. Appends actual classification data to IDOC Data  
\*& 4. Result - besides the data being updated nothing else is deleted  
\*& in the classification object.  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Petr Zak, KCT Data  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date: 30.04.2013 v1.3  
\*& Changed by: Petr Zak  
\*& Deletion functionality for message function OCLFM-MSGFN = 003 added.  
\*&---------------------------------------------------------------------\*  
\*& Date: 10.05.2013 v1.3b  
\*& Changed by: Vladimir Hodinka  
\*& amendment of Delete idoc treatment (only classification objects,  
\*& which are not obtained again from the just being processed CEVR data  
\*& message, are deleted ).  
\*& Logging adjustments.  
\*&---------------------------------------------------------------------\*  
\*&--------------------------------------------------------------------  
\*& Get identification data for classification object.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Read object classification attributes.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Perform check for existing attribute in the system.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& In case the existing attribute is missing in the IDOC Data  
\*& it appends its values.  
\*&--------------------------------------------------------------------

* 1. Function Group ZCEVR\_SCENARIOS

Description:

Include list

|  |  |
| --- | --- |
| Include Id | Description |
| LZCEVR\_SCENARIOSF01 | Include LZCEVR\_SCENARIOSF01 |
| LZCEVR\_SCENARIOSTOP |  |
| LZCEVR\_SCENARIOSU01 | LZCEVR\_SCENARIOSU01 |
| LZCEVR\_SCENARIOSU02 | LZCEVR\_SCENARIOSU02 |
| LZCEVR\_SCENARIOSU03 | LZCEVR\_SCENARIOSU03 |
| LZCEVR\_SCENARIOSU04 | LZCEVR\_SCENARIOSU04 |

* + 1. Functional module ZCEVR\_F110

Description: Processing the payment proposal for unreliable payer

Documentation

DEFINE &TEXT& = 'Payment program: Selection of open items'

DEFINE &EVENT& = '00001820'

DEFINE &TYPE& = 'PROCESS'

INCLUDE FI\_OPEN\_FI\_DOCUMENTATION\_1 OBJECT DOKU ID TX

INTERFACE

The interface provides an opportunity to change the payment block orpayment method in an open customer or vendor item directly after theselection.

Depending on the account type (I\_KOART = 'D' or 'K'), the functionmodule receives the index data BSID or BSIK for the open customer orvendor item. The posting date, date of the next payment run, and thedate to which open customer items are to be considered are alsoavailable.

Status messages (message type S) can be output in the function module.The log options from the payment run parameters in the structureI\_TRACE are given to decide which messages are required in the paymentrun log.

The free selections maintained in the payment run parameters are givenin table T\_FLDTAB\_1820.

By setting the export parameter E\_NO\_FREE\_SELECTIONS = 'X', you candeactivate the standard checks on the free selections for the itemstransferred.

The payment block from the open item is given in the transfer parameterC\_ZLSPR, which can be changed before it is returned. You can thereforeset each payment block defined in Customizing and the item appears onthe exception list. The payment block '\*' has a special role. If it isset, the item is no longer taken into account, that is, it is also nolonger visible in the exception list.

You can use parameter C\_ZLSCH to change the payment method of the itemselected.

&HINTS&

&FURTHER\_SOURCES\_OF\_INF&

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| I\_BSID |  | Import | No | No |
| I\_BSIK |  | Import | No | No |
| I\_KOART |  | Import | No | No |
| I\_BUDAT |  | Import | No | No |
| I\_NEDAT |  | Import | No | No |
| I\_FDEBI |  | Import | No | No |
| I\_TRACE |  | Import | No | No |
| E\_NO\_FREE\_SELECTIONS |  | Export | - | No |
| C\_ZLSPR |  | Changing | No | No |
| C\_ZLSCH |  | Changing | No | No |
| T\_FLDTAB\_1820 |  | Table | No | - |

Code comment

\*&  
\*& This BTE is called during creation of payment proposal in F110  
\*& for each item.  
\*& The functionality is considered for outgoing payments only.  
\*&  
\*& 1. Based on lifnr it calls BAPI, which returns classification values.  
\*& 2. If the BAPI returns values (object is classified) it reads the  
\*& ADIS parameter (unreliable payer) and in case this values is  
\*& positive, it blocks the payment.  
\*& 3. Independently on the parameter of unreliable payer, for each  
\*& bank account in LFBK it checks, whether there is valid bank  
\*& account from public registry.  
\*& In case there is invalid bank account it also blocks the payment.  
\*& 4. In case program finds out that the vendor is not being watched  
\*& by CEVR service, it sends warning message and also creates block.  
\*&  
\*&---------------------------------------------------------------------\*  
\*& Created by: Petr Zak, KCT Data  
\*&---------------------------------------------------------------------\*  
\*& Changes:  
\*&---------------------------------------------------------------------\*  
\*& Date: 14.5.2013 vers: 1.3b  
\*& Changed by: Petr Zak  
\*&  
\*& Date: 11.2.2014  
\*& Changed by: Petr Zak  
\*& change in hierarchy of validation - minimum ammount condition limits  
\*& only the bank account validation  
\*&  
\*&---------------------------------------------------------------------\*  
\*&--------------------------------------------------------------------  
\*& Check czech law and partner relevance  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Check whether the payment exceeds minimum legal amount.  
\*& Changed 11.2.2014 - moved to bank account validation  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Customer-defined data select for vendor (ktokk, land1 etc...)  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Check whether the object is classified by CEVR.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& For vendors/customers from abroad we check only VIES  
\*& For czech subject we check ADIS  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Read detail attribute values from classification data of the MD  
\*& Check the status of ISIR - insolvency register.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Customer defined VAT liability check - dependent on application parameter  
\*& If ARES is empty, this checks VAT in accounting document  
\*& only payments with VAT amount are validated  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Check whether the object is VAT liable - get data from register  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Read detail attribute values from classification data of the MD  
\*& Check the status of ADIS - unreliable payer.  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Check status of proposed bank account from posted invoice.  
\*&  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& Validation of bank account is subordinated to minimum invoice amount  
\*&  
\*&--------------------------------------------------------------------  
\*&--------------------------------------------------------------------------------------  
\*& Check VIES status for foreign vendors/customers  
\*&--------------------------------------------------------------------------------------  
\*&--------------------------------------------------------------------  
\*& In case the payment block is X - block the payment.  
\*&--------------------------------------------------------------------

* + 1. Functional module ZCEVR\_GET\_PARTNER\_TAX\_ID

Description: Returns tax numbers of partner

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| I\_LIFNR | Account Number of Vendor or Creditor | Import | No | No |
| I\_KUNNR | Customer Number 1 | Import | No | No |
| I\_PERNR | Standard Selections for HR Master Data Reporting | Import | No | No |
| E\_STCD2 | Business Partner Tax Number | Export | - | No |
| E\_STCD1 | Business Partner Tax Number | Export | - | No |
| E\_STCEG | Business Partner Tax Number | Export | - | No |
| E\_PERID | Business Partner Tax Number | Export | - | No |

* + 1. Functional module ZCEVR\_SUBSCRIBE

Description: Subscription of partner to server

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| I\_TAX\_NUMBER | Business Partner Tax Number | Import | No | No |
| I\_VAT\_NUMBER | Business Partner Tax Number | Import | No | No |
| I\_LIFNR | Account Number of Vendor or Creditor | Import | No | No |
| I\_KUNNR | Customer Number 1 | Import | No | No |
| I\_PERNR | Standard Selections for HR Master Data Reporting | Import | No | No |
| CEVR\_ERROR | Server has returned error response | Parameter |  |  |
| CLASSIFICATION\_ERROR | Error type message from CL BAPI | Parameter |  |  |
| CONNECTION\_ERROR | Problem with HTTP connectivity | Parameter |  |  |

Code comment

\*&----------------------------------------------------------------------  
\*& Check Vendor classification  
\*&----------------------------------------------------------------------

* + 1. Functional module ZCEVR\_GET\_OBJECTS\_OF\_TAX\_ID

Description: Returns list of all SAP objects for given tax number

Interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Parameter description | Parameter type | Optional | Pass value |
| I\_TAX\_NUMBER | Business Partner Tax Number | Import | No | No |
| I\_VAT\_NUMBER | Business Partner Tax Number | Import | No | No |
| E\_T\_OBJECTS | Data structure for list of objects in SAP for given tax numb | Table | No | - |

Code comment

\*&----------------------------------------------------------------------  
\*& Get all SAP objects, which have tax number in STCD2  
\*&----------------------------------------------------------------------

1. List of objects of type TABL - Table
   1. Table ZCEVRLIFNR\_S

Description: CEVR: Vendor

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| LIFNR | LIFNR | CHAR | 10 | Account Number of Vendor or Creditor | KRED\_C |  |

* 1. Table ZCEVRRISKVENDOR\_S

Description: CEVR: List of risk vendors

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| LIFNR | LIFNR | CHAR | 10 | Account Number of Vendor or Creditor | KRED\_C |  |
| RISKV | ZCEVR\_RISKV | CHAR | 1 | CEVR: Risk vendor / flag |  |  |
| WOBNA | ZCEVR\_WOBNA | CHAR | 1 | CEVR: Without bank account / flag |  |  |

* 1. Table ZCEVRUNRELVENDOR\_S

Description: CEVR: List of unreliable vendors

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| LIFNR | LIFNR | CHAR | 10 | Account Number of Vendor or Creditor | KRED\_C |  |
| UNRLV | ZCEVR\_UNRLV | CHAR | 1 | CEVR: Unreliable vendor / flag |  |  |
| UNRPD | ZCEVR\_ADISPDT | DATS | 8 | CEVR-ADIS: Publish date of unreliability |  |  |

* 1. Table ZCEVR\_ISIR\_STAT

Description: CEVR - Link insolvency register with legal statuses

Table Class: [TRANSP] Transparent table

Dependency: [X] Client-dependent, valid only for current client

Maintenance: [A] Application table (master and transaction data)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| MANDT | MANDT | CLNT | 3 | Client |  |  |
| EVENT\_CODE | ZCEVR\_ECODE | CHAR | 8 | CEVR - Case management event |  |  |
| EVENT\_ATTRIB | ZCEVR\_ATTRIB | CHAR | 30 | CEVR - Attribute marking |  |  |
| EVENT\_DESC | ZCEVR\_EDESC | CHAR | 80 | CEVR - Event description |  |  |

* 1. Table ZCEVR\_RMCLF

Description: Sub tables classification

Table Class: [APPEND] Append structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| LAND1 | LAND1\_GP | CHAR | 3 | Country Key | C\_LAND1 |  |
| STCEG | STCEG | CHAR | 20 | VAT Registration Number |  |  |
| BANKS | BANKS | CHAR | 3 | Bank country key |  |  |
| BANKL | BANKL | CHAR | 15 | Bank number |  |  |
| BANKN | AENPROG | CHAR | 40 | Program that Made Last Change |  |  |
| PERNR | PERSNO | NUMC | 8 | Personnel number |  |  |
| BELNR | BELNR\_D | CHAR | 10 | Accounting Document Number |  |  |

* 1. Table ZCEVR\_SAP\_LIST\_OF\_TAX\_ID

Description: Data structure for list of objects in SAP for given tax numb

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| OBJECT | OBJNUM | CHAR | 50 | Key of object to be classified |  |  |
| CLASSTYPE | KLASSENART | CHAR | 3 | Class Type |  |  |
| TABLE | TABELLE | CHAR | 30 | Name of database table for object |  |  |

1. List of objects of type DTEL - Data Element
   1. Data Element ZCEVR\_ATTRIB

Description: CEVR - Attribute marking  
Field Label Attribute marking

|  |  |
| --- | --- |
| Domain | ZCEVR\_ATTRIB\_D |
| Data Type | CHAR |
| Length | 30 |

* 1. Data Element ZCEVR\_ECODE

Description: CEVR - Case management event  
Field Label Case management event

|  |  |
| --- | --- |
| Domain | ZCEVR\_ECODE\_D |
| Data Type | CHAR |
| Length | 8 |

* 1. Data Element ZCEVR\_EDESC

Description: CEVR - Event description  
Field Label Event description

|  |  |
| --- | --- |
| Domain | ZCEVR\_EDESC\_D |
| Data Type | CHAR |
| Length | 80 |

* 1. Data Element ZCEVR\_RISKV

Description: CEVR: Risk vendor / flag  
Field Label Risk vendor

|  |  |
| --- | --- |
| Domain | XFELD |
| Data Type | CHAR |
| Length | 1 |

* 1. Data Element ZCEVR\_UNRCB

Description: CEVR: Check of risk/unreliability bypassed  
Field Label Check of risk/unreliability bypassed

|  |  |
| --- | --- |
| Domain | XFELD |
| Data Type | CHAR |
| Length | 1 |

* 1. Data Element ZCEVR\_WOBNA

Description: CEVR: Without bank account / flag  
Field Label w/o bank account

|  |  |
| --- | --- |
| Domain | XFELD |
| Data Type | CHAR |
| Length | 1 |

1. List of objects of type TTYP - Table Type
   1. Table Type ZCEVRLIFNR\_SORT\_T

Description: CEVR: TabType - Vendor

Documentation

Line type

Name of row type: ZCEVRLIFNR\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [S] Sorted Table

Key

Key definition: [K] Key components  
Key category: [U] Unique

* 1. Table Type ZCEVRLIFNR\_T

Description: CEVR: TabType - Vendor

Documentation

Line type

Name of row type: ZCEVRLIFNR\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [T] Standard Table

Key

Key definition: [D] Standard key  
Key category: [N] Non-unique

* 1. Table Type ZCEVRRISKVENDOR\_S\_T

Description: CEVR: TabType: List of risk vendors

Documentation

Line type

Name of row type: ZCEVRRISKVENDOR\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [S] Sorted Table

Key

Key definition: [K] Key components  
Key category: [U] Unique

* 1. Table Type ZCEVRUNRELVENDOR\_S\_T

Description: CEVR: TabType: List of unreliable vendors

Documentation

Line type

Name of row type: ZCEVRUNRELVENDOR\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [S] Sorted Table

Key

Key definition: [K] Key components  
Key category: [U] Unique

1. List of objects of type DOMA - Domain
   1. Domain ZCEVR\_ATTRIB\_D

Description: CEVR - Attribute marking - domain

|  |  |
| --- | --- |
| Field name | Value |
| Data Type | CHAR |
| Length | 30 |
| Output Length | 30 |
| Lower Case | Yes |

* 1. Domain ZCEVR\_ECODE\_D

Description: CEVR - Case management event - domain

|  |  |
| --- | --- |
| Field name | Value |
| Data Type | CHAR |
| Length | 8 |
| Output Length | 8 |
| Lower Case | Yes |

* 1. Domain ZCEVR\_EDESC\_D

Description: CEVR - Event descriptioni - domain

|  |  |
| --- | --- |
| Field name | Value |
| Data Type | CHAR |
| Length | 80 |
| Output Length | 80 |
| Lower Case | Yes |