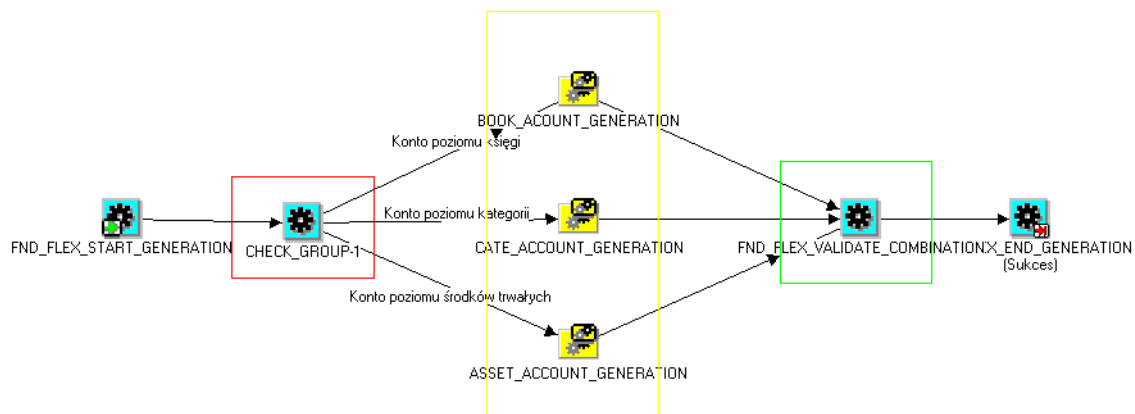# ACCOUNT GENERATOR FOR FIXED ASSETS - SUMMARY

Run WFBLDR.EXE
Search for Item type: **Generator kont Środków Trwałych**

1. Process generates CCID for fixed asset transactions.
2. Entry values for the process are:
   a. ACCOUNT_TYPE (determines way of calculation CCID)
   b. DEFAULT_CCID – ID of GL account from book controls screen.
   c. DISTRIBUTION_CCID – ID of GL account from assignments screen.
   d. ACCT_SEG_VAL (Wartość konta) – GL_ACCOUNT
3. The main process is DEFAULT_ACCOUNT_GENERATION (Generowanie domyślnego konta). This process call one of three subprocesses, according to ACCOUNT_TYPE attribute – see red box below.
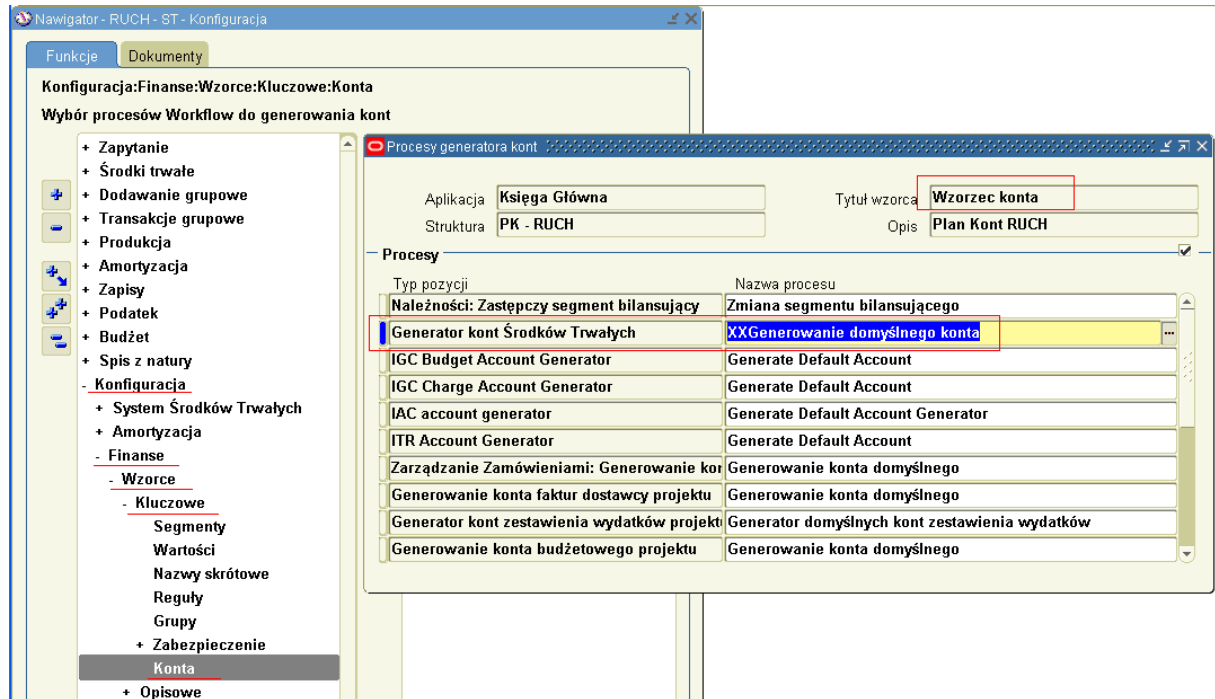

4. Subprocesses were arounded with yellow box. There are:
   a. Book level process
   b. Category level process
   c. Asset level process

Subprocesses are responsible to calculate correct segment values. During process calculates data, the segments are temporarily stored in global attributes called FND_FLEX_SEGMENT1, …, FND_FLEX_SEGMENTn, and finally CCID is generated.

5. Green box arounds function, that concatenates segments prepared previously, validates it and generates correct CCID.

6. In spite of the workflow looks complex, it consists of only few PL/SQL functions:
   a. **CHECK_ACCT** – this function allows to splite process into separate paths depending on ACCOUNT_TYPE. By default CHECK_ACCT is used only in category level subprocess. But CHECK_ACCT function was also added to book- and asset level processes redundately – for further applications.
   b. **COPY_SEGMENT_FROM_COMBINATION** – copies indicated segment to FND_FLEX_SEGMENTn. Source value is given by CCID (default or distribution).
   c. **ASIGN_TO_SEGMENT** - copies indicated segment to FND_FLEX_SEGMENTn. Source value is given by Value.
   d. **COPY_FROM_COMBINATION** – copies all segments to FND_FLEX_SEGMENT1..N structure. Previously calculated segments may not be overwritten. This function usually is called at the end of calculation in order to complete empty segments.

Other important informations

How to plugin new workflow process

"Konfiguracja->Finanse->Wzorce->Kluczowe->Konta"

Remarks

- Account generator is used for example by depreciation program.
- Previously generated accounts are saved In table FA_DISTRIBUTION_ACCOUNTS. If you want to force run account generator again it is reguired to delete records from this table manually.

Problems diagnostics

1. "Administrator procesów typu workflow -> monitor statusu" – does not work, what a pity.
2. Switch debug mode on. See package.sql, debug_mode. Log file will appear in both log file of concurrent request and in xxmsztools_eventlog table.
3. Workflow does not start at all ? Check whether package is compiled.

List of available ACCOUNT_TYPE values

```sql
select description from (
select 'ASSET LEVEL: ' || rpad(meaning,50,' ') || ' (' || lookup_code || ')' description,
'A'||lookup_code lookup_code from APPLSYS.WF_LOOKUPS_TL where LOOKUP_TYPE = 'ASSET_ACCOUNTS'
and language = userenv('LANG')
union all
select 'BOOK  LEVEL: ' || rpad(meaning,50,' ') || ' (' || lookup_code || ')' description,
'B'||lookup_code lookup_code from APPLSYS.WF_LOOKUPS_TL where LOOKUP_TYPE = 'BOOK_ACCOUNTS'
and language = userenv('LANG')
union all
```

```sql
select 'CATE  LEVEL: ' ||  rpad(meaning,50,' ') || ' (' || lookup_code || ')' description,
'C'||lookup_code lookup_code from APPLSYS.WF_LOOKUPS_TL where LOOKUP_TYPE = 'CATE_ACCOUNTS'
and language = userenv('LANG')
) order by lookup_code
```

```
ASSET level: Amortyzacja                                      (DEPRN_EXP)
BOOK  level: Międzyzakładowe konta zobowiązań                 (AP_INTERCO)
BOOK  level: Międzyzakładowe konta należności                 (AR_INTERCO)
BOOK  level: Rozliczenie kosztów likwidacji                   (COR_CLEARING)
BOOK  level: Zysk z likwidacji                                (COR_GAIN)
BOOK  level: Strata z likwidacji                              (COR_LOSS)
BOOK  level: Odroczona amortyzacja                            (DEF_DEP_EXP)
BOOK  level: Odroczona amortyzacja(1)                         (DEF_DEPRN_EXP)
BOOK  level: Odroczone umorzenie                              (DEF_DEPRN_RSV)
BOOK  level: Korekta amortyzacji                              (DEPRN_ADJ)
BOOK  level: Zysk księgowy netto z wycofania                  (NBV_GAIN)
BOOK  level: Strata księgowa netto z wycofania                (NBV_LOSS)
BOOK  level: Rozliczenie przychodów ze sprzedaży              (POS_CLEARING)
BOOK  level: Zysk ze sprzedaży                                (POS_GAIN)
BOOK  level: Strata ze sprzedaży                              (POS_LOSS)
BOOK  level: Zysk na wycofanym kapitale z przeszacowania      (REV_RSV_GAIN)
BOOK  level: Strata na wycofanym kapitale z przeszacowania    (REV_RSV_LOSS)
CATE  level: Rozliczenie środka trwałego                      (ASSET_CLEARING)
CATE  level: Wartość środka trwałego                          (ASSET_COST)
CATE  level: Podwyższenie amortyzacji                         (BONUS_DEPRN_EXP)
CATE  level: Podwyższenie umorzenia                           (BONUS_DEPRN_RSV)
CATE  level: Rozliczenie inwestycji w toku                    (CIP_CLEARING)
CATE  level: Wartość inwestycji w toku                        (CIP_COST)
CATE  level: Umorzenie                                        (DEPRN_RSV)
CATE  level: Amortyzacja przeszacowania                       (REV_AMORT)
CATE  level: Kapitał z przeszacowania                         (REV_RSV)
```

GL account structure

```sql
select rpad(FSEG.DISPLAY_FLAG              ,2,' ')
    || rpad(FSEG.APPLICATION_COLUMN_NAME  ,20,' ')
    || rpad(FSEG.SEGMENT_NAME             ,20,' ')
    || rpad(FVS.FLEX_VALUE_SET_NAME       ,30,' ')
    || rpad(FSEG.SEGMENT_NUM              ,5,' ')
    || rpad(FSEG.FORM_LEFT_PROMPT         ,30,' ')
from FND_ID_FLEX_SEGMENTS_VL FSEG, FND_ID_FLEX_STRUCTURES_VL FST, FND_FLEX_VALUE_SETS FVS
where FST.ID_FLEX_CODE = 'GL#' and FST.ID_FLEX_STRUCTURE_CODE in ('PK-RUCH','PK - RUCH') and
FSEG.ID_FLEX_NUM = FST.ID_FLEX_NUM and FVS.FLEX_VALUE_SET_ID = FSEG.FLEX_VALUE_SET_ID
```

```
Y SEGMENT1        KONTO          RUCH_PK_KONTO          1    Konto
Y SEGMENT2        MPK            RUCH_PK_MPK            2    MPK
Y SEGMENT3        MAG_BANK_KAS   RUCH_PK_MAG_BANK_KAS   3    Magazyny, banki i kasy
Y SEGMENT4        PODATK         RUCH_PK_PODATK         4    Kwalifikacja podatkowa
Y SEGMENT5        KOSZTY_RODZAJ  RUCH_PK_KOSZTY_RODZAJ  5    Koszty układu rodzajowego
Y SEGMENT6        OBIEKT         RUCH_PK_OBIEKT         6    Obiekt
Y SEGMENT7        POZ_ANALIT     RUCH_PK_POZ_ANALIT     7    Pozostała analityka
Y SEGMENT8        KAN_DYS        RUCH_PK_KAN_DYST       8    Kanał Dystrybucji
Y SEGMENT9        FIRMA          RUCH_PK_FIRMA          9    Firma
Y SEGMENT10       IC             RUCH_PK_IC             10   Intercompany
Y SEGMENT11       REZ            RUCH_PK_REZER          11   Rezerwa
```