\*&---------------------------------------------------------------------\*  
\*& Include          ZFIR\_CASH\_JOURNAL\_SIMPLE\_TOP  
\*&---------------------------------------------------------------------\*  
  
REPORT   zfir\_cash\_journal\_simple.  
  
TYPE-POOLS: abap.  
  
TYPES: BEGIN OF lty\_outtab\_line.  
TYPES: bzkey TYPE vbsegs-bzkey.  
       INCLUDE STRUCTURE zfi\_cr\_item.  
TYPES: END OF lty\_outtab\_line.  
  
TYPES: BEGIN OF lty\_outtab.  
         INCLUDE STRUCTURE zfi\_cr\_item.  
TYPES:   celltab TYPE lvc\_t\_styl,  
       END OF lty\_outtab.  
  
TYPES: tt\_outtab TYPE STANDARD TABLE OF lty\_outtab.  
  
DATA: ok\_code             LIKE sy-ucomm,  
      g\_container         TYPE scrfname VALUE '0200\_ITEM\_CONTAINER',  
      go\_grid             TYPE REF TO cl\_gui\_alv\_grid,  
      go\_custom\_container TYPE REF TO cl\_gui\_custom\_container,  
      gt\_fieldcat         TYPE lvc\_t\_fcat,  
      gs\_layout           TYPE lvc\_s\_layo,  
      gt\_disp\_msgs        TYPE SORTED TABLE OF bdcmsgcoll WITH NON-UNIQUE KEY table\_line.  
  
CLASS lcl\_event\_receiver DEFINITION DEFERRED.  
CLASS lcl\_application\_f4 DEFINITION DEFERRED.  
CLASS lcl\_application\_main DEFINITION DEFERRED.  
  
DATA: go\_verifier    TYPE REF TO lcl\_event\_receiver,  
      go\_onf4        TYPE REF TO lcl\_application\_f4,  
      go\_main        TYPE REF TO lcl\_application\_main,  
      go\_gos\_manager TYPE REF TO cl\_gos\_manager.  
  
DATA: gt\_outtab TYPE tt\_outtab.  
  
DATA: gt\_zfi\_cr\_def\_val TYPE SORTED TABLE OF zfit\_cr\_def\_val WITH UNIQUE KEY receipt\_key.  
  
\*----------------------------------------------------------------------\*  
\*   data definition  
\*----------------------------------------------------------------------\*  
\*       Batchinputdata of single transaction  
DATA:   bdcdata LIKE bdcdata    OCCURS 0 WITH HEADER LINE.  
  
\* Screen 100 Data  
DATA: 0100\_i\_document\_number TYPE belnr\_d,  
      0100\_i\_company\_code    TYPE bukrs,  
      0100\_i\_fiscal\_year     TYPE gjahr,  
      0100\_I\_DOCUMENT\_TYPE   TYPE blart,  
      0100\_rb\_parked         TYPE flag,  
      0100\_rb\_saved          TYPE flag VALUE 'X'.  
  
\* Screen 200 Data  
DATA: 0200\_i\_doc\_date      TYPE bkpf-bldat,  
      0200\_i\_posting\_date  TYPE bkpf-budat,  
      0200\_i\_document\_type TYPE bkpf-blart,  
      0200\_i\_company\_code  TYPE bkpf-bukrs,  
      0200\_i\_currency      TYPE bkpf-waers,  
      0200\_i\_header\_text   TYPE bkpf-bktxt,  
      0200\_i\_reference     TYPE bkpf-xblnr.  
  
\* Global Variables  
DATA: gv\_edit    TYPE flag,  
      gv\_create  TYPE flag,  
      gv\_display TYPE flag..  
\*----------------------------------------------------------------------\*  
\*       CLASS lcl\_application\_main DEFINITION  
\*----------------------------------------------------------------------\*  
\*  
\*----------------------------------------------------------------------\*  
CLASS lcl\_application\_main DEFINITION.  
  PUBLIC SECTION.  
    METHODS: show\_alv.  
  PRIVATE SECTION.  
    METHODS: build\_fieldcat CHANGING pt\_fieldcat TYPE lvc\_t\_fcat.  
  
    METHODS: exclude\_tb\_functions CHANGING pt\_exclude TYPE ui\_functions.  
  
    METHODS: init\_alv       CHANGING pt\_outtab   TYPE tt\_outtab  
                                     pt\_fieldcat TYPE lvc\_t\_fcat.  
  
    METHODS: register\_events.  
ENDCLASS.                    "lcl\_application\_main DEFINITION  
\*---------------------------------------------------------------------\*  
\*       CLASS lcl\_event\_receiver DEFINITION  
\*---------------------------------------------------------------------\*  
\*       ........                                                      \*  
\*---------------------------------------------------------------------\*  
CLASS lcl\_event\_receiver DEFINITION.  
  PUBLIC SECTION.  
    METHODS:  
      handle\_data\_changed  
        FOR EVENT data\_changed OF cl\_gui\_alv\_grid  
        IMPORTING er\_data\_changed.  
  
    CLASS-METHODS: clear\_rec\_buffer.  
  
  PRIVATE SECTION.  
  
    TYPES: BEGIN OF lty\_rec\_buff,  
             row\_id      TYPE int4,  
             receipt\_key TYPE zfit\_cr\_def\_val-receipt\_key,  
           END OF lty\_rec\_buff.  
  
    CLASS-DATA lt\_rec\_buff TYPE SORTED TABLE OF lty\_rec\_buff WITH UNIQUE KEY row\_id.  
  
    METHODS: update\_editable\_fields  
      IMPORTING  
        pr\_data\_changed TYPE REF TO cl\_alv\_changed\_data\_protocol.  
  
  
ENDCLASS.                    "lcl\_event\_receiver DEFINITION  
  
  
\*----------------------------------------------------------------------\*  
\*       CLASS lcl\_application\_f4 DEFINITION  
\*----------------------------------------------------------------------\*  
\*  
\*----------------------------------------------------------------------\*  
CLASS lcl\_application\_f4 DEFINITION.  
  
  PUBLIC SECTION.  
    METHODS: on\_f4 FOR EVENT onf4 OF cl\_gui\_alv\_grid  
      IMPORTING e\_fieldname  
                e\_fieldvalue  
                es\_row\_no  
                er\_event\_data  
                et\_bad\_cells  
                e\_display.  
  
  PRIVATE SECTION.  
  
\*\*  
\* attributes to store event parameters  
\* (after the CALL SCREEN command, the event parameters  
\* are not accessible)  
\*\*  
    TYPES: BEGIN OF onf4\_event\_parameters\_type,  
             c\_fieldname   TYPE lvc\_fname,  
             cs\_row\_no     TYPE lvc\_s\_roid,  
             cr\_event\_data TYPE REF TO cl\_alv\_event\_data,  
             ct\_bad\_cells  TYPE lvc\_t\_modi,  
             c\_display     TYPE char01,  
           END OF onf4\_event\_parameters\_type.  
  
    DATA: f4\_params TYPE onf4\_event\_parameters\_type.  
  
    METHODS: populate\_alv IMPORTING iv\_rec\_key TYPE zfit\_cr\_def\_val-receipt\_key.  
  
ENDCLASS.                    "lcl\_application\_f4 DEFINITION