

APPENDIX - EXAMPLE OF PL/I CODE GENERATED BY ADABAS NATIVE SQL

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PEX1 : PROC OPTIONS(MAIN);                                00000010
/*  AN EXAMPLE OF SOFT COUPLING WITH A SEARCH CRITERION WHICH 00000020
   CONTAINS FIELDS TAKEN FROM TWO FILES. THE FIELDS PERSONNEL-ID 00000030
   NAME, FIRST-NAME, BIRTH AND SEX (FROM THE MAIN FILE,          00000040
   PERSONNEL-ID) ARE PRINTED FOR RECORDS THAT SATISFY THE        00000050
   FOLLOWING CONDITION:                                           00000060
       PERSONNEL-ID BETWEEN 10000001 AND 19999999                00000070
       MODEL-YEAR-MAKE >                                         00000080
       CLASS = 'C'                                               */00000090
/*                                                                */00000100
DCL 1  START_STRUC,                                           00000110
      2  START_MODEL          CHAR(20)      INIT('MERCEDES-BENZ'), 00000120
      2  START_YEAR_MAKE      PIC '(2)9'    INIT(86);              00000130
DCL   START_MODEL_YEAR_MAKE  CHAR(22)      BASED(ADDR(START_STRUC));00000140
/*                                                                */00000150
DCL 1  HEADER,                                               00000160
      2  FILLER1              CHAR(12)      INIT('PERSONNEL-ID'), 00000170
      2  FILLER2              CHAR(8)        INIT(' '),           00000180
      2  FILLER3              CHAR(4)        INIT('NAME'),        00000190
      2  FILLER4              CHAR(13)       INIT(' '),           00000200
      2  FILLER5              CHAR(10)       INIT('FIRST-NAME'),  00000210
      2  FILLER6              CHAR(8)        INIT(' '),           00000220
      2  FILLER7              CHAR(5)        INIT('BIRTH'),       00000230
      2  FILLER8              CHAR(1)        INIT(' '),           00000240
      2  FILLER9              CHAR(3)        INIT('SEX');         00000250
DCL 1  HEADER2              CHAR(64)        INIT((64)'*');       00000260
DCL 1  LINE1,                                                  00000270
      2  FILLER1              CHAR(2)        INIT(' '),           00000280
      2  PERSONNEL_NR         CHAR(8)        INIT(' '),           00000290
      2  FILLER2              CHAR(3)        INIT(' '),           00000300
      2  LAST_NAME            CHAR(20)       INIT(' '),           00000310
      2  FILLER3              CHAR(1)        INIT(' '),           00000320
      2  F_NAME               CHAR(20)       INIT(' '),           00000330
      2  FILLER4              CHAR(1)        INIT(' '),           00000340
      2  BIRTHDAY             CHAR(6)        INIT(' '),           00000350
      2  FILLER5              CHAR(1)        INIT(' '),           00000360
      2  KIND                 CHAR(1)        INIT(' ');          00000370
/*                                                                */00000380
-/*                                                                */00000390
                                EXEC ADABAS                      00000400
                                BEGIN DECLARE SECTION            00000410
                                END-EXEC                          00000420
**                                                                */00000430
DCL ADACODE FIXED BIN(15) INIT (0);                            ADABAS
DCL ADABAS   ENTRY OPTIONS(ASM,INTER);                          ADABAS
DCL RESPINT  ENTRY OPTIONS(ASM,INTER);                          ADABAS
DCL 1  CONTROL_BLOCKOPN    UNAL,                                ADABAS
      3  FILLER10PN        CHAR(2)          INIT ('AS')         , ADABAS
      3  COMMAND_CODEOPN   CHAR(2)          ,                   , ADABAS
      3  COMMAND_IDOPN     CHAR(4)          INIT ('OPEN')       , ADABAS
      3  FILE_NUMBEROPN    FIXED BIN(15)    INIT (          0)  , ADABAS
      3  RESPONSE_CODEOPN  FIXED BIN(15)    INIT (0)           , ADABAS
      3  ISNOPN            FIXED BIN(31)    INIT (0)           , ADABAS
      3  ISN_LOWER_LIMITOPN FIXED BIN(31)    INIT (0)           , ADABAS
      3  ISN_QUANTITYOPN   FIXED BIN(31)    ,                   , ADABAS
      3  FORMAT_BUFFER_LENGTHOPN FIXED BIN(15) INIT (          0) , ADABAS

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3 RECORD_BUFFER_LENGTHOPN  FIXED BIN(15) INIT (    0) ,      ADABAS
3 SEARCH_BUFFER_LENGTHOPN  FIXED BIN(15) INIT (    0) ,      ADABAS
3 VALUE_BUFFER_LENGTHOPN   FIXED BIN(15) INIT (    0) ,      ADABAS
3 ISN_BUFFER_LENGTHOPN     FIXED BIN(15) INIT (    4) ,      ADABAS
3 COMMAND_OPTION_10PN      CHAR(1)      INIT ( ' ' ) ,      ADABAS
3 COMMAND_OPTION_20PN      CHAR(1)      INIT ( ' ' ) ,      ADABAS
3 ADDITIONS_10PN           CHAR(8)      INIT ( ' ' ) ,      ADABAS
3 ADDITIONS_20PN           CHAR(4)      INIT ( ' ' ) ,      ADABAS
3 ADDITIONS_30PN           CHAR(8)      INIT ( ' ' ) ,      ADABAS
3 ADDITIONS_40PN           CHAR(8)      INIT ( ' ' ) ,      ADABAS
3 ADDITIONS_50PN           ,            ,      ADABAS
4 ADDITIONS_5_BN0PN        FIXED BIN(31) INIT (0) ,      ADABAS
4 ADDITIONS_5_580PN        CHAR(4)      ,      ADABAS
3 COMMAND_TIMEOPN          FIXED BIN(31) ,      ADABAS
3 USER_AREAOPN             CHAR(4)      INIT ( 'AS' ) ;      ADABAS
DCL CONTROL_BLOCK_10PN CHAR(80)
      BASED(ADDR(CONTROL_BLOCKOPN ));      ADABAS
DCL ADDITIONS_1_120PN CHAR(2) DEF ADDITIONS_10PN ;      ADABAS
DCL ADDITIONS_1_BN0PN  FIXED BIN(15) UNAL      ADABAS
      BASED (ADDR(ADDITIONS_10PN ));      ADABAS
DCL ADDITIONS_1_580PN CHAR(4) DEF ADDITIONS_10PN POS(5);      ADABAS
DCL 1 ADDITIONS_5_DEFOPN BASED (ADDR(ADDITIONS_50PN )),      ADABAS
      2 ADDITIONS_5_10PN CHAR(1),      ADABAS
      2 ADDITIONS_5_280PN CHAR(7);      ADABAS
DCL 1 ADDITIONS_4_DEFOPN BASED (ADDR(ADDITIONS_40PN)),      ADABAS
      2 ADDITIONS_4_120PN FIXED BIN(15),      ADABAS
      2 ADDITIONS_4_340PN FIXED BIN(15),      ADABAS
      2 ADDITIONS_4_560PN FIXED BIN(15),      ADABAS
      2 ADDITIONS_4_780PN FIXED BIN(15);      ADABAS
DCL DBIDOPN CHAR(1) BASED (ADDR(FILE_NUMBEROPN ));      ADABAS
DCL  FORMAT_BUFOPN          CHAR (0001)      ;      ADABAS
DCL  SEARCH_BUFOPN          CHAR (0001)      ;      ADABAS
DCL  VALUE_BUFOPN           CHAR (0001)      ;      ADABAS
DCL  ISN_BUFOPN             CHAR (0001)      ;      ADABAS
DCL  RECORD_BUFOPN          CHAR (1500)      ;      ADABAS
DCL  OPENTYPE                CHAR (0010)      ;      ADABAS
DCL  DDFILE                  PIC'999'      INIT (    30) ;      ADABAS
DCL  CSEQ                    CHAR(8)          ;      ADABAS
DCL  CLN1(20)                CHAR(40)         ;      ADABAS
DCL  CLN2(20)                CHAR(40)         ;      ADABAS
DCL  TRCE                    CHAR(7)          ;      ADABAS
DCL  CLNNUM                  FIXED BIN(15)     ;      ADABAS
DCL  SQLRSP                  FIXED BIN(15)     ;      ADABAS
DCL  SQLQTY                  FIXED BIN(31)     ;      ADABAS
DCL  SQLISN                  FIXED BIN(31)     ;      ADABAS
DCL  SAVE_DBID_10PN          FIXED BIN(15)     ;      ADABAS
DCL 1 SAVE_DBID_DEFOPN BASED(ADDR(SAVE_DBID_10PN )),      ADABAS
      2 FILLEROPN CHAR(1),      ADABAS
      2 SAVE_DBIDOPN CHAR(1);      ADABAS
DCL 1 FORMAT_BUFEMPL_1      ,      ADABAS
      2 FILLE001 CHAR(34) INIT('AA,8,A,AE,20,A,AC,20,A,AH,6,U,AG,1'),      ADABAS
      2 FILLE002 CHAR(03) INIT(' ,A. '),      ADABAS
      FORMAT_BUFEMPL CHAR(00037)      ADABAS
      BASED (ADDR( FORMAT_BUFEMPL_1 ));      ADABAS
DCL 1 SEARCH_BUFEMPL_1      ,      ADABAS
      2 FILLE001 CHAR(34) INIT(' (22,AA,24,AC)/22/AA,8,A,S,AA,8,A,D'),      ADABAS
      2 FILLE002 CHAR(25) INIT(' ,/24/A0,22,A,GT,D,AH,1,A. '),      ADABAS
      SEARCH_BUFEMPL CHAR(00059)      ADABAS
      BASED (ADDR( SEARCH_BUFEMPL_1 ));      ADABAS
DCL 1 EMPLOYEES              UNAL,      ADADATA
      2 RECORD_BUFEMPL_1      ,      ADADATA
      3 PERSONNEL_ID          CHAR (0008)      ,      ADADATA

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3 NAME CHAR (0020) , ADADATA
3 FIRST_NAME CHAR (0020) , ADADATA
3 BIRTH PIC '(0005)99' , ADADATA
3 SEX CHAR (0001) , ADADATA
2 ISN FIXED BIN(31), ADADATA
2 QUANTITY FIXED BIN(31), ADADATA
2 RESPONSE_CODE FIXED BIN(15), ADADATA
RECORD_BUFEMPL CHAR(00055) ADADATA
      BASED (ADDR( RECORD_BUFEMPL_1 )); ADADATA
DCL 1 VALUE_BUFEMPL_1 UNAL, ADABAS
2 V_PERSONNEL_ID_F CHAR (0008) ADABAS
      INIT(' '), ADABAS
2 V_PERSONNEL_ID_T CHAR (0008) ADABAS
      INIT(' '), ADABAS
2 V_MODEL_YEAR_MAKE, ADABAS
3 S_YEAR PIC '(0001)99' ADABAS
      INIT(0), ADABAS
3 S_MAKE CHAR (0020) ADABAS
      INIT(' '), ADABAS
2 V_CLASS CHAR (0001) ADABAS
      INIT(' '), ADABAS
      VALUE_BUFEMPL CHAR(00039) ADABAS
      BASED (ADDR(VALUE_BUFEMPL_1 )); ADABAS
DCL      V_MODEL_YEAR_MAKE_EMPL CHAR (0022) ADABAS
      BASED (ADDR(
      VALUE_BUFEMPL_1.V_MODEL_YEAR_MAKE )); ADABAS
DCL      ISN_BUFEMPL ( 1) FIXED BIN(31); ADABAS
DCL 1 CONTROL_BLOCKEMPL UNAL, ADABAS
3 FILLER1EMPL CHAR(2) INIT ('AS') , ADABAS
3 COMMAND_CODEEMPL CHAR(2) , ADABAS
3 COMMAND_IDEMPL CHAR(4) INIT ('EMPL') , ADABAS
3 FILE_NUMBEREMPL FIXED BIN(15) INIT ( 22) , ADABAS
3 RESPONSE_CODEEMPL FIXED BIN(15) INIT (0) , ADABAS
3 ISNEMPL FIXED BIN(31) INIT (0) , ADABAS
3 ISN_LOWER_LIMITEMPL FIXED BIN(31) INIT (0) , ADABAS
3 ISN_QUANTITYEMPL FIXED BIN(31) , ADABAS
3 FORMAT_BUFFER_LENGTHEMPL FIXED BIN(15) INIT ( 37) , ADABAS
3 RECORD_BUFFER_LENGTHEMPL FIXED BIN(15) INIT ( 55) , ADABAS
3 SEARCH_BUFFER_LENGTHEMPL FIXED BIN(15) INIT ( 59) , ADABAS
3 VALUE_BUFFER_LENGTHEMPL FIXED BIN(15) INIT ( 39) , ADABAS
3 ISN_BUFFER_LENGTHEMPL FIXED BIN(15) INIT ( 4) , ADABAS
3 COMMAND_OPTION_1EMPL CHAR(1) INIT (' ') , ADABAS
3 COMMAND_OPTION_2EMPL CHAR(1) INIT (' ') , ADABAS
3 ADDITIONS_1EMPL CHAR(8) INIT (' ') , ADABAS
3 ADDITIONS_2EMPL CHAR(4) INIT (' ') , ADABAS
3 ADDITIONS_3EMPL CHAR(8) INIT (' ') , ADABAS
3 ADDITIONS_4EMPL CHAR(8) INIT (' ') , ADABAS
3 ADDITIONS_5EMPL , ADABAS
4 ADDITIONS_5_BNEMPL FIXED BIN(31) INIT (0) , ADABAS
4 ADDITIONS_5_58EMPL CHAR(4) , ADABAS
3 COMMAND_TIMEEMPL FIXED BIN(31) , ADABAS
3 USER_AREEMPL CHAR(4) INIT ('AS') ; ADABAS
DCL CONTROL_BLOCK_1EMPL CHAR(80) ADABAS
      BASED(ADDR(CONTROL_BLOCKEMPL)); ADABAS
DCL ADDITIONS_1_12EMPL CHAR(2) DEF ADDITIONS_1EMPL; ADABAS
DCL ADDITIONS_1_BNEMPL FIXED BIN(15) UNAL ADABAS
      BASED (ADDR(ADDITIONS_1EMPL)); ADABAS
DCL ADDITIONS_1_58EMPL CHAR(4) DEF ADDITIONS_1EMPL POS(5); ADABAS
DCL 1 ADDITIONS_5_DEFEMPL BASED (ADDR(ADDITIONS_5EMPL)), ADABAS
2 ADDITIONS_5_1EMPL CHAR(1), ADABAS
2 ADDITIONS_5_28EMPL CHAR(7); ADABAS
DCL DBIDEMPL CHAR(1) BASED (ADDR(FILE_NUMBEREMPL)); ADABAS

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DCL      ISNSIZEEMPL      FIXED BIN(31)      ;      ADABAS
DCL      ISNMOREEMPL      FIXED BIN(31)      ;      ADABAS
DCL      ISNINDEEMPL      FIXED BIN(15)      ;      ADABAS
DCL      SAVE_DBID_1EMPL      FIXED BIN(15)      ;      ADABAS
DCL 1 SAVE_DBID_DEFEMPL BASED(ADDR(SAVE_DBID_1EMPL)),      ADABAS
      2 FILLEREMPL CHAR(1),      ADABAS
      2 SAVE_DBIDEMPL CHAR(1);      ADABAS
DCL EOFEMPL BIT(1) INIT ('0'B);      ADABAS
/*      */00000440
-/*      ** 00000450
      EXEC ADABAS      00000460
      DECLARE EMPL CURSOR FOR      00000470
      SELECT PERSONNEL-ID, NAME, FIRST-NAME, BIRTH, SEX      00000480
      FROM EMPLOYEES, VEHICLES      00000490
      WHERE EMPLOYEES.PERSONNEL-ID = VEHICLES.PERSONNEL-ID      00000500
            AND PERSONNEL-ID BETWEEN '10000001' AND '19999999'      00000510
            AND VEHICLES.MODEL-YEAR-MAKE > :START_MODEL_YEAR_MAKE      00000520
            AND VEHICLES.CLASS = 'C'      00000530
      END-EXEC      00000540
**      */ 00000550
/*      */00000560
      PUT SKIP EDIT (HEADER) (A);      00000570
      PUT SKIP EDIT (HEADER2) (A);      00000580
      PUT SKIP;      00000590
/*      */00000600
-/*      ** 00000610
      EXEC ADABAS      00000620
      OPEN EMPL      00000630
      END-EXEC      00000640
**      */ 00000650
      VALUE_BUFEMPL_1.V_PERSONNEL_ID_F = '10000001';      ADABAS
      VALUE_BUFEMPL_1.V_PERSONNEL_ID_T = '19999999';      ADABAS
      V_MODEL_YEAR_MAKE_EMPL = START_MODEL_YEAR_MAKE;      ADABAS
      VALUE_BUFEMPL_1.V_CLASS = 'C';      ADABAS
DO;      ADABAS
ISNSIZEEMPL=ISN_BUFFER_LENGTHEMPL/4;      ADABAS
ISNINDEEMPL=1;      ADABAS
ISN_LOWER_LIMITEMPL=0;      ADABAS
COMMAND_OPTION_1EMPL=' ';      ADABAS
COMMAND_OPTION_2EMPL=' ';      ADABAS
ISN_BUFFER_LENGTHEMPL=0;      ADABAS
ISN_QUANTITYEMPL=0      ;      ADABAS
COMMAND_CODEEMPL='S1';      ADABAS
CALL ADABAS (      ADABAS
      CONTROL_BLOCKEMPL, FORMAT_BUFEMPL, RECORD_BUFEMPL,      ADABAS
      SEARCH_BUFEMPL, VALUE_BUFEMPL,      ADABAS
      ISN_BUFEMPL      );      ADABAS
EMPLOYEES.RESPONSE_CODE      =RESPONSE_CODEEMPL;      ADABAS
EMPLOYEES.QUANTITY      =ISN_QUANTITYEMPL;      ADABAS
EMPLOYEES.ISN      =ISNEMPL;      ADABAS
IF RESPONSE_CODEEMPL*=0      ADABAS
  THEN DO;      ADABAS
    CSEQ='00000650';      ADABAS
    CLN1(01)='      EXEC ADABAS      ';;      ADABAS
    CLN2(01)='      ';;      ADABAS
    CLN1(02)='      OPEN EMPL      ';;      ADABAS
    CLN2(02)='      ';;      ADABAS
    CLN1(03)='      END-EXEC      ';;      ADABAS
    CLN2(03)='      ';;      ADABAS
    CLNNUM=03;      ADABAS
    CALL RESPINT      ADABAS
      (CONTROL_BLOCKEMPL, DDFILE, CSEQ, FORMAT_BUFEMPL,      ADABAS

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        RECORD_BUFEMPL, SEARCH_BUFEMPL, VALUE_BUFEMPL,
        CLN1, CLN2, TRCE, CLNNUM);
    END;
    ISNMOREEMPL=ISN_QUANTITYEMPL;
    IF ISNMOREEMPL > 0 THEN EOFEMPL= '0'B;
        ELSE EOFEMPL= '1'B;
    IF ISNMOREEMPL<ISNSIZEEMPL THEN ISNSIZEEMPL=ISNMOREEMPL;
    ISNINDEEMPL=0;
    END;
/*
-/*
        EXEC ADABAS
        FETCH EMPL
        END-EXEC
**
DO;
    IF ISNINDEEMPL=ISNMOREEMPL THEN EOFEMPL='1'B;
    IF *EOFEMPL THEN DO;
        EOFEMPL='0'B;
        COMMAND_OPTION_2EMPL='N';
        COMMAND_OPTION_1EMPL=' ';
        COMMAND_CODEEMPL='L1';
        CALL ADABAS (
            CONTROL_BLOCKEMPL, FORMAT_BUFEMPL, RECORD_BUFEMPL,
            SEARCH_BUFEMPL, VALUE_BUFEMPL,
            ISN_BUFEMPL
        );
        EMPLOYEES.RESPONSE_CODE           =RESPONSE_CODEEMPL;
        EMPLOYEES.QUANTITY                 =ISN_QUANTITYEMPL;
        EMPLOYEES.ISN                       =ISNEMPL;
        IF RESPONSE_CODEEMPL=3
        THEN EOFEMPL='1'B;
        ELSE
        IF RESPONSE_CODEEMPL*=0
        THEN DO;
            CSEQ='00000710';
            CLN1(01)='          EXEC ADABAS          ';;
            CLN2(01)='          ';;
            CLN1(02)='          FETCH EMPL          ';;
            CLN2(02)='          ';;
            CLN1(03)='          END-EXEC          ';;
            CLN2(03)='          ';;
            CLNNUM=03;
            CALL RESPINT
                (CONTROL_BLOCKEMPL, DDFILE, CSEQ, FORMAT_BUFEMPL,
                RECORD_BUFEMPL, SEARCH_BUFEMPL, VALUE_BUFEMPL,
                CLN1, CLN2, TRCE, CLNNUM);
            END;
        END;
        END;
        IF EOFEMPL THEN ADACODE = 003;
            ELSE ADACODE = 0;
/*
DO WHILE (ADACODE *= 3);
    PERSONNEL_NR = PERSONNEL_ID;
    LAST_NAME = NAME;
    F_NAME = FIRST_NAME;
    BIRTHDAY = BIRTH;
    KIND = SEX;
    PUT SKIP EDIT (LINE1) (A);
-/*
        EXEC ADABAS
        FETCH EMPL

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                                END-EXEC                                00000830
**                                                                    */ 00000840
DO;                                ADABAS
IF ISNINDEEMPL=ISNMOREEMPL THEN EOFEMPL='1'B;                                ADABAS
IF *EOFEMPL THEN DO;                                ADABAS
EOFEMPL='0'B;                                ADABAS
COMMAND_OPTION_2EMPL='N';                                ADABAS
COMMAND_OPTION_1EMPL=' ';                                ADABAS
COMMAND_CODEEMPL='L1';                                ADABAS
CALL ADABAS (                                ADABAS
CONTROL_BLOCKEMPL,FORMAT_BUFEMPL,RECORD_BUFEMPL,                                ADABAS
SEARCH_BUFEMPL,VALUE_BUFEMPL,                                ADABAS
ISN_BUFEMPL                                );                                ADABAS
EMPLOYEES.RESPONSE_CODE                                =RESPONSE_CODEEMPL;                                ADABAS
EMPLOYEES.QUANTITY                                =ISN_QUANTITYEMPL;                                ADABAS
EMPLOYEES.ISN                                =ISNEMPL;                                ADABAS
IF RESPONSE_CODEEMPL=3                                ADABAS
THEN EOFEMPL='1'B;                                ADABAS
ELSE                                ADABAS
IF RESPONSE_CODEEMPL*=0                                ADABAS
THEN DO;                                ADABAS
CSEQ='00000840';                                ADABAS
CLN1(01)='                                EXEC ADABAS                                ';;                                ADABAS
CLN2(01)='                                ';;                                ADABAS
CLN1(02)='                                FETCH EMPL                                ';;                                ADABAS
CLN2(02)='                                ';;                                ADABAS
CLN1(03)='                                END-EXEC                                ';;                                ADABAS
CLN2(03)='                                ';;                                ADABAS
CLNNUM=03;                                ADABAS
CALL RESPINT                                ADABAS
(CONTROL_BLOCKEMPL,DDFILE,CSEQ,FORMAT_BUFEMPL,                                ADABAS
RECORD_BUFEMPL,SEARCH_BUFEMPL,VALUE_BUFEMPL,                                ADABAS
CLN1,CLN2,TRCE,CLNNUM);                                ADABAS
END;                                ADABAS
END;                                ADABAS
END;                                ADABAS
IF EOFEMPL THEN ADACODE = 003;                                ADABAS
ELSE ADACODE = 0;                                ADABAS
END;                                00000850
/*                                                                    */00000860
-/*                                                                    ** 00000870
                                EXEC ADABAS                                00000880
                                CLOSE EMPL                                00000890
                                END-EXEC                                00000900
**                                                                    */ 00000910
DO;                                ADABAS
COMMAND_OPTION_1EMPL='I';                                ADABAS
COMMAND_OPTION_2EMPL='S';                                ADABAS
COMMAND_CODEEMPL='RC';                                ADABAS
CALL ADABAS (                                ADABAS
CONTROL_BLOCKEMPL,FORMAT_BUFEMPL,RECORD_BUFEMPL,                                ADABAS
SEARCH_BUFEMPL,VALUE_BUFEMPL,                                ADABAS
ISN_BUFEMPL                                );                                ADABAS
EMPLOYEES.RESPONSE_CODE                                =RESPONSE_CODEEMPL;                                ADABAS
EMPLOYEES.QUANTITY                                =ISN_QUANTITYEMPL;                                ADABAS
EMPLOYEES.ISN                                =ISNEMPL;                                ADABAS
IF RESPONSE_CODEEMPL*=0                                ADABAS
THEN DO;                                ADABAS
CSEQ='00000910';                                ADABAS
CLN1(01)='                                EXEC ADABAS                                ';;                                ADABAS
CLN2(01)='                                ';;                                ADABAS
CLN1(02)='                                CLOSE EMPL                                ';;                                ADABAS

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CLN2(02)=''; ADABAS
CLN1(03)=''; ADABAS
CLN2(03)=''; ADABAS
CLNNUM=03; ADABAS
CALL RESPINT ADABAS
  (CONTROL_BLOCKEMPL,DDFILE,CSEQ,FORMAT_BUFEMPL, ADABAS
  RECORD_BUFEMPL,SEARCH_BUFEMPL,VALUE_BUFEMPL, ADABAS
  CLN1,CLN2,TRCE,CLNNUM); ADABAS
END; ADABAS
END; ADABAS
/* */00000920
-/* ** 00000930
      EXEC ADABAS 00000940
      DBCLOSE 00000950
      END-EXEC 00000960
** */ 00000970
DO; ADABAS
RECORD_BUFFER_LENGTHOPN=1500; ADABAS
COMMAND_OPTION_2OPN =' '; ADABAS
COMMAND_CODEOPN ='CL'; ADABAS
CALL ADABAS ( ADABAS
  CONTROL_BLOCKOPN ,FORMAT_BUFOPN ,RECORD_BUFOPN , ADABAS
  SEARCH_BUFOPN ,VALUE_BUFOPN , ADABAS
  ISN_BUFOPN ); ADABAS
IF RESPONSE_CODEOPN *=0 ADABAS
  THEN DO; ADABAS
CSEQ='00000970'; ADABAS
CLN1(01)=''; EXEC ADABAS
CLN2(01)=''; ADABAS
CLN1(02)=''; DBCLOSE ADABAS
CLN2(02)=''; ADABAS
CLN1(03)=''; END-EXEC ADABAS
CLN2(03)=''; ADABAS
CLNNUM=03; ADABAS
CALL RESPINT ADABAS
  (CONTROL_BLOCKOPN ,DDFILE,CSEQ,FORMAT_BUFOPN , ADABAS
  RECORD_BUFOPN ,SEARCH_BUFOPN ,VALUE_BUFOPN , ADABAS
  CLN1,CLN2,TRCE,CLNNUM); ADABAS
END; ADABAS
END; ADABAS
/* */00000980

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