

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 FILLER1OPN          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_1OPN      CHAR(1)      INIT ( ' ' ) , ADABAS
3 COMMAND_OPTION_2OPN      CHAR(1)      INIT ( ' ' ) , ADABAS
3 ADDITIONS_1OPN           CHAR(8)      INIT ( ' ' ) , ADABAS
3 ADDITIONS_2OPN           CHAR(4)      INIT ( ' ' ) , ADABAS
3 ADDITIONS_3OPN           CHAR(8)      INIT ( ' ' ) , ADABAS
3 ADDITIONS_4OPN           CHAR(8)      INIT ( ' ' ) , ADABAS
3 ADDITIONS_5OPN           , ADABAS
4 ADDITIONS_5_BNOPN        FIXED BIN(31) INIT ( 0 ) , ADABAS
4 ADDITIONS_5_58OPN        CHAR(4)      , ADABAS
3 COMMAND_TIMEOPN          FIXED BIN(31) , ADABAS
3 USER_AREAOPN             CHAR(4)      INIT ( 'AS' ) ; ADABAS
DCL CONTROL_BLOCK_1OPN    CHAR(80)      ADABAS
      BASED(ADDR(CONTROL_BLOCKOPN )); ADABAS
DCL ADDITIONS_1_12OPN     CHAR(2) DEF ADDITIONS_1OPN ; ADABAS
DCL ADDITIONS_1_BNOPN    FIXED BIN(15) UNAL ADABAS
      BASED (ADDR(ADDITIONS_1OPN )); ADABAS
DCL ADDITIONS_1_58OPN     CHAR(4) DEF ADDITIONS_1OPN POS(5); ADABAS
DCL 1 ADDITIONS_5_DEFOPN  BASED (ADDR(ADDITIONS_5OPN )), ADABAS
      2 ADDITIONS_5_1OPN  CHAR(1), ADABAS
      2 ADDITIONS_5_28OPN CHAR(7); ADABAS
DCL 1 ADDITIONS_4_DEFOPN  BASED (ADDR(ADDITIONS_4OPN)), ADABAS
      2 ADDITIONS_4_12OPN FIXED BIN(15), ADABAS
      2 ADDITIONS_4_34OPN FIXED BIN(15), ADABAS
      2 ADDITIONS_4_56OPN FIXED BIN(15), ADABAS
      2 ADDITIONS_4_78OPN 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_1OPN          FIXED BIN(15)   ; ADABAS
DCL 1 SAVE_DBID_DEFOPN      BASED(ADDR(SAVE_DBID_1OPN )), 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/AO,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_AREAEEMPL 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 ISNINDEMPL          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
/*                                                                    */0000440
-/*                                                                    ** 0000450
    EXEC ADABAS 0000460
    DECLARE EMPL CURSOR FOR 0000470
    SELECT PERSONNEL-ID, NAME, FIRST-NAME, BIRTH, SEX 0000480
    FROM EMPLOYEES, VEHICLES 0000490
    WHERE EMPLOYEES.PERSONNEL-ID = VEHICLES.PERSONNEL-ID 0000500
        AND PERSONNEL-ID BETWEEN '10000001' AND '19999999' 0000510
        AND VEHICLES.MODEL-YEAR-MAKE > :START_MODEL_YEAR_MAKE 0000520
        AND VEHICLES.CLASS = 'C' 0000530
    END-EXEC 0000540
**                                                                    */ 0000550
/*                                                                    */0000560
    PUT SKIP EDIT (HEADER) (A); 0000570
    PUT SKIP EDIT (HEADER2) (A); 0000580
    PUT SKIP; 0000590
/*                                                                    */0000600
-/*                                                                    ** 0000610
    EXEC ADABAS 0000620
    OPEN EMPL 0000630
    END-EXEC 0000640
**                                                                    */ 0000650
    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
ISNINDEMPL=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;                                                  ADABAS
/*                                                    00000850
-/*                                                    */00000860
                EXEC ADABAS                            ** 00000870
                CLOSE EMPL                             00000880
                END-EXEC                               00000890
**                                                    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)='                               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
/*                                                     */00000920
-/*                                                     ** 00000930
      EXEC ADABAS                                  00000940
      DBCLOSE                                     00000950
      END-EXEC                                    00000960
**                                                     */ 00000970
DO;
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 ,
  ISN_BUFOPN                                     );      ADABAS
IF RESPONSE_CODEOPN *=0                          ADABAS
  THEN DO;
CSEQ='00000970' ;                                ADABAS
CLN1(01)='                               EXEC ADABAS     ' ;          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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