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Interactive Program Development Facility (ISPF)
ISPF Initialization...
         ≻PROFILES
              ISPSPROF
                  •Read from ISPPROF DD
                      If not found then read from ISPTLIB and write to ISPPROF
              *xxxxPROF
                  •Read from ISPPROF DD
                      If not found then read from ISPTLIB
                      ·If still not found then read ISPPROF member from ISPTLIB
                  •Write back to ISPPROF DD
             If ZPROFAPP set then open read only extension
              •The enqueues done creating default profiles are on the first data set
             in the ISPTLIB concatenation
              •For batch jobs this can cause enqueue problems
                     //ISPTLIB DD DISP=(NEW,DELETE),
                                  RECFM=FB, LRECL=80, SPACE=(TRK,(1,0,1))
                     11
                     11
                                DD DSN=ISP.SISPTLIB,DISP=SHR
                     //
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Interactive Program Development Facility (ISPF)
ISPF Initialization...
         ➤ Additional Tables

    ISRPLIST (Personal reference list)

                   •Read from ISPPROF DD
                        If not found created with TBCREATE

    ISRLLIST (Personal library list)

                   •Read from ISPPROF DD
                        ·If not found created with TBCREATE

    Command Tables

    Read from ISPTLIB

                   •ISPCMDS (ISPF command table)

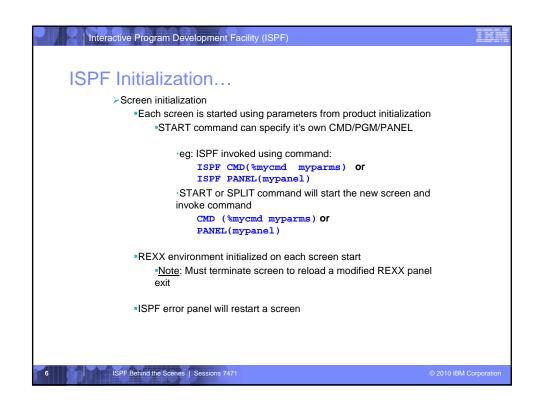
    Severe error if not found

    xxxxCMDS (application command table)

                   •User - if specified

 Site – if specified

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Interactive Program Development Facility (ISPF)
KEYLISTS
        >PF Key definitions associated with panels
        ➤ Coded with )PANEL statement
             ")PANEL [KEYLIST(keylist name,[applid,[SHARED]])]
                 •ISPKYLST is used if keylist not specified
        Normally in xxxxKEYS table in ISPTLIB
             Use DTL to create
                 <!DOCTYPE DM SYSTEM>
                 <KEYL NAME=MYKEYLST APPLID=ABC>
                    <KEYI KEY=F1 CMD=HELP FKA=YES>Help
                   <REYI KEY=F2 CMD=SPLIT FKA=LONG>Split
<KEYI KEY=F3 CMD=EXIT FKA=YES>Exit
                    <KEYI KEY=F24 CMD=CANCEL FKA=YES>Cancel
                 </KEYL>
        Private copies
             Created by Keylist Utility
             Stored in xxxxPROF
             Stored in ISPSPROF for applid ISP
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**REYLIST Search

**KEYLIST Search

**Keylists ignored if profile variable ZKLUSE=N (unless SHARED specified)

**SHARED

1. xxxxKEYS
2. ISPKEYS

**SHARED not specified

1. xxxxPROF
2. xxxxKEYS
3. ISPSPROF
4. ISPKEYS

**ISPF uses the current APPLID if no applid is specified
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Interactive Program Development Facility (ISPF)
ISPF Services
         ➤ All ISPF services are run from ISPTASK TCB
         ➤Interface:
             ISPLINK
              eg: CALL ISPLINK('SETMSG ','ISPZ001 ',' ','ZCMD')
             ISPEXEC
               eg: ISPEXEC SETMSG MSG(ISPZ001) MSGLOC(ZCMD)
         ➤ISPLINK parameters
             Positional
             •To omit a parameter and use default - code a blank
                  •Note: An address starting with x'40' will be treated as an omitted
             Last address in parameter list must have high order bit on
                 •Use the VL keyword in Assembler call statements
             Standard linkage conventions are observed
             •Keywords and names should be padded to the max length of 8
             Numeric values are full word binary
                  •Don't rely on coding constant. Compiler may not generate a full
                 word value.
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