Problem: Subsystem: UTILITIES    In version: 2.1
File dump utility - ERR P34 in IDS2PU20.

How to Data files with problem were sent.
recreate:

Modules affected: IDS2PU17

Description of problem resolution:

IDS2PU17 LINE 1010 (COMPRESSED) - add fifth statement
IDS2PU17 LINE 1270 (COMPRESSED) - delete third statement

1010 IF F6$(17)<"\"THEN SELECT @PART"IDS2SUBM"
   COM D0,D1,D2,D3,D4,D5,D6,D7,D8,D9,D1$(254)1,D3#8,D2#32
   D3$,F2$,E$=STR(E$( ),2,8)
   D2=SGN(VAL(E$(422)))+SGN(VAL(E$(425)))+SGN(VAL(E$(428)))+SGN(E$(431)))+SGN(VAL(E$(434))
   D1=VAL(E$(413))
   INIT (00)D1$( )
   FOR I=1TO Q2
   STR(D1$( ),I,1)=STR(E$( ),419+3*I,1)
   NEXT I
   D2$,F0$=STR(E$( ),22,32)

1270 H=H+INT((POS(-STR(E2$( ),275,128)<>20)-1)/8)+1
   UNPACK (###)STR(E2$( ),405,2)TO D0
   REM D1=VAL(E2$(413))
   D3=0
   MAT RE DIM E2$(332)6
   FOR I=1TO INT((POS(-STR(E2$( ),499)<>00)-1)/6)+1

<rest of statement>
Problem: Subsystem: REPORTS
In version: 2.1
Generated report program - last sector is generated without
HEX(FF) leading to ERROR D88 when program is loaded.

How to Sample report is included:

Correct:

Modules affected: IDS2PP06  IDS2PR19

Description of problem resolution:

IDS2PP06 AND IDS2PR19 LINE 2030 (COMPRESSED)
Complete fix is shown for IDS2PR19.
Same fix should be made to IDS2PP06.
Release 2.1 reads:

2030 IF FB$(())=HEX(20FE) THEN 2060
   IF POS(FB$(())=FE)(244) THEN 2050
   FBS$(())=HEX(00)
   STR(FB$(()),POS(FB$(())=FE))=HEX(0D0000FD)
   DATA SAVE BA T#3, (E4,E4) FB$(())
   FBS$(())=HEX(20FF)
   GOTO 2060

Should read:

2030 IF FB$(())=HEX(20FE) THEN 2060
   IF POS(FB$(())=FE)(240) THEN 2050
   FBS$(())=HEX(00)
   STR(FB$(()),POS(FB$(())=FE))=HEX(0D0000FD)
   DATA SAVE BA T#3, (E4,E4) FB$(())
   FBS$(())=HEX(20FF)
   GOTO 2060

<change this statement>
Problem: Subsystem: REPORTS
Report documentation for operations - ERROR P37 in IDS2PR36
LINE 1520.

How to recreate:

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36
Add the following statement at LINE 1005:
1005 IF F6$17)<"\"THEN SELECT @PART"IDS2SUBM"
Problem: Subsystem: UTILITIES     In version: 2.1
File dump utility - ERR P34

How to recreate:

Modules affected:

Description of problem resolution:
Problem: Subsystem: PROGRAMS
In version: 2.1
Compiling a program. If existing program file is too small, system hangs in infinite loop when trying to scratch and rename old program file. (Looping in program IDS2PP31)

How to recreate:

Modules affected: IDS2PP31

Description of problem resolution:

IDS2PP31
IDS2PP31 ADD LINE 2060
  2020 F5$=E9%(POS(" P R E"=STR(R3$(1),6,1)));
  : LIMITS T#4,F5$,A,B,C,D
  : Y=D
  : IF Y<>0THEN 2070
  : S=E4-E3+1
  : SAVE T#4, (S-1)F5$1000 ,1000
  : ERROR GOSUB '38(132,""
  : F6$(11)="N"
  : GOSUB '34(250)
  : GOTO 2300

**2060 GOTO 2020**  // add this statement after LINE 2020
Problem: Subsystem: UTILITIES In version: 2.1
Cross reference utility - IDS2PU26 does not run in 28K part.

How to recreate:

Modules affected: IDS2PU26

Description of problem resolution:

IDS2PU26
Will be fixed in Release 2.2
Problem: Subsystem: EDITS In version: 2.1
Copy P/F — Cannot copy #ID, #TERM, etc. to @TSTFLD's.
Illegal call to '55 is generated.

How to recreate:

Modules affected:

Description of problem resolution:
Problem: Subsystem: REPORTS    In version: 2.1
Report level break specs - if field specified is not in file,
documentation does not include a warning message.

How to recreate:

Modules affected:

Description of problem resolution:
Problem: Subsystem: REPORTS
   Documentation - Printing 'Printer not available...:' in place of edit type.

How to recreate:

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36
IDS2PR36 LINES 1360-1430 AND 1470 CHANGE REFERENCES TO E$ 70 F0$
For example, Line 1370 in Rel 2.1 reads:
   1370 E$="set field(s)"
      F9$="37"
      GOTO 1660
It should be:
   1370 F0$="set field(s)"
      F9$="37"
      GOTO 1660
LINE 1470 should read:
   1470 F5$="IDS2PS"&F9$
      CONVERT VAL(E$(7))=31TO F9$,('#')
      E4$()="Operation "&HEX(22)&STR(E$(15,8))&HEX(22)&"
      & F0$                       <change from E$ to F0$>
      E0$()=HEX(01)
      D6=D6+1
      <rest of statement>
Problem: Subsystem: EDITS In version: 2.1
Documentation for Table lookup/replace sometimes prints in expanded print and hangs up.

How to recreate:

Modules affected:

Description of problem resolution:

IDS2PS35
IDS2PS35 LINE 1010 AND 2110 COMPRESSED
LINE 1010 and 2110 - add statements as noted below:
  1010 IF F6$<17)<""THEN SELECT @PART"IDS2SUBM"
    : F5$=STR(E$(,),98)
    : IF F5$<""THEN 1030
    : GOSUB '48(0,""No look-up field - use the same replace table element as last table look-up",0)
    : E$=""
    : GOSUB 3320
    : E$ = ""
    : GOTO 2000
    : <add this statement>

2110 X=INT(L/MAX(C4,C0))
    : Z=MAX(C4,C0)
    : FOR J=1TO X
    : E$=STR(F$(,),J*Y=Y+1,Y)
    : IF VAL(E0$(,)+Y<80THEN 2140
    : GOSUB 3320
    : E$=STR(F$(,),J*Y=Y+1,Y) <add this statement>
Problem: Subsystem: BATCH DOC In version: 2.1
Batch prg. documentation misprints the field type. For example, batch program "MODS B1" on D25 has type 1 fields which are documented as type 0 fields.

How to recreate:

Modules affected:

Description of problem resolution:
Problem: Subsystem: UTILITIES In version: 2.1
Installing Rel. 2.1 to new platter, in global mode.
IDS2PUI2 crashes at LINE 1500 ERROR F55.

How to recreate:

Modules affected:

Description of problem resolution:

IDS2PUI2
IDS2PUI2 LINE 1500 add first statement:
  1500 IF F6$(17)<"\t" THEN SELECT @PART"IDS2SUBM"
    LIMITS T#2,"IDS2f000",A,B,B,B
    @E2$(2)=BIN(A,2)
    RETURN
Problem: Subsystem: REPORTS  
In version: 2.1
Reports - fix put into Rel. 2.1 causes first line of second page to be printed at bottom of first page, and so on throughout report.

How to: Report has lines per page = 50, 43 actual lines per page recreate: followed by 8 line feeds after last line. (Also happens with 43 l/p

Modules affected: IDS2PRX4

Description of problem resolution:

IDS2PRX4
IDS2PRX4 LINE 1690 reads in Release 2.1:
1690 A=1
   IF C2=1 THEN UNPACK (**STR(E$,6) TO A
   B=INT(A/10)
   A=MOD(A,10)
   STR(E0$((),1)=BIN(LEN(E0$(())
   IF F6+B+1+A>F2 AND C2=1 AND F2>0 THEN A=MAX(0,F2-F6-B-1)
   E6$=BIN(X)
   MAT SEARCE2$(<8,F3>,STR(E$,5,1) TO E4$(())STEP 9
   Y=0

Change sixth statement to:
   IF F6+B+1+A>F2 AND C2=1 AND F2>0 THEN A=MAX(0,F2-F6-B)
(get rid of -1 at end of statement)
Problem number 561 Priority 3 Status 4 Date reported 21082
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version:
REPORTS: Create a field which overlaps into another field, field overlapped into disappears.

Fix: IDS2PR10 -- now checks for collision of fields.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1
How to recreate:

Problem number 686 Priority 3 Status 4 Date reported 40982
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when START module is revised, added file is not recorded unless primary file is revised.

Fix: IDS2P105 will now add file appropriately.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1
How to recreate:

Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of file dump is titled "Data file Key Dump". Should be file dump.
QA REP# 65955

Fix: IDS2sU13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1
How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDS2PF01 -- will now check for multi-volume files.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file #1, skip back from field name and change to #2, position will appear relative to file #1.

Fix: IDS2PS07

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 773 Priority 3 Status 4 Date reported 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR PS6

Fix: Add GOSUB 1530 AT beginning of LINE 1070, take out of 1090.

Assigned to: TJB Date corrected: 51282 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 788 Priority 3 Status 5 Date reported 4/28/82
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X26
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 6/04/82 Version of correction: 2.1

How to recreate:

Problem number 810 Priority 3 Status 4 Date reported 5/27/82
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDSEMX01

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 811 Priority 3 Status 5 Date reported 5/27/82
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Does not allow use of '31 if cancel module is not specified.

Fix:

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 813 Priority 2 Status 4 Date reported 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix: IDS2SUB3 LINE 760

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to recreate:

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file (not associated) and transferring to
primary file (associated).

Fix: Fixed in Release 2.1

Assigned to: TJB Date corrected: 70182 Version of correction: 2.1

How to recreate:

Problem number 818 Priority 3 Status 4 Date reported 60182
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Screens no longer exclude duplicate field names.

Fix: IDS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 820 Priority 3 Status 4 Date reported 60582
Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an
application, program STOPS. User may then press RUN and system
will accept ID without password.

Fix: IDS2PIX5 -- don't set R4# to ID that was entered until password
is entered.
Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 822 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Extra screen utilities -- "Delete screen" option does not
rename screen, only scratches.

Fix: 
Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 824 Priority 3 Status 5 Date reported 60682
Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
@TSTFLD's are allowed in Math calculations for batch programs.

Fix: IDS2PS20 LINES 1121, 1140
Assigned to: TJB Date corrected: 62882 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system platter, PS22 displays error message, then crashes at @B with F=0.

Fix: IDSEPS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to recreate:

Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored as changed, but fields are not.

Fix: IDSEPRO3 - Can no longer cancel from mask.

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 830  Priority 3  Status 4  Date reported 62382
Reported by: Alan Tschetter

Problem: Subsystem: UTILITIES  In version: 2.0
File dump utility - ERR PS7 in IDS2PU20 at LINE 1690.

Fix:  IDS2PU20 - LINE 1690 change second statement to:
      ROTATEC(STR(E4$((),P),2)
Assigned to: FHC  Date corrected: 62382  Version of correction: 2.1

How to recreate:

Problem number 831  Priority 2  Status 4  Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS  In version: 2.0
IDS2PRX3 crashes with ERR AO4 because of repeated calls to
DEFFN '71 w/o RETURN statements. Caused by repeated independent
record reads during report operations.

Fix:  IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC  Date corrected: 62982  Version of correction: 2.1

How to recreate:

Problem number 832  Priority 3  Status 5  Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS  In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix:  IDS2PRX32 LINE 1560

Assigned to: TJB  Date corrected: 62982  Version of correction: 2.1

How to recreate:

Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 835 Priority 3 Status 5 Date reported 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDS2PRX3 LINE 1725.
See bug number 848 for complete fix.

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to recreate:

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F$() is re-dimensioned in IDS2PRX4 at
LINE 1635. May sometimes crash in subroutines at @556 if not
re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDS2PRX4 ADD MAT REDIM F$(F9)1:etc.

Assigned to: ELL Date corrected: 70682 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR A04 in IDS2PRX3 - DEFFN'71 is called without RETURNs.

Fix: IDS2PRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 70182 Version of correction: 2.1

How to recreate:

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong operation - one too many.

Fix: IDS2PP19 LINES 3050, 3060 AND 3090.

Assigned to: TJB Date corrected: 70682 Version of correction: 2.1

How to recreate:

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
If screen is compressed, when it is revised, it may over-write next file.

Fix: IDS2PS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 846 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2PXX3 and IDS2PXX6 - LINE 1472 ADD $F6$(2)="Y"

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to recreate:

Problem number 848 Priority 2 Status 4 Date reported 71482
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2PXX4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD ELSE STR(E3$(1),1992)=STR(E2$(1),1992). Also MAT SEARCH D$(1),>=STR(E3

Assigned to: TJB Date corrected: 71682 Version of correction: 2.1

How to recreate:

Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If no disks are available when creating a sort work file,
HEX(FF)’s appear in field for disk address, and system beeps
continuously.

Fix: IDS2PXX2 has been changed to check disk several times, and print
an error message if no disks are available.

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
When printing report, Crashes in IDS2PRX4 with ERROR P34 at
LINE @437. H is a six digit number.
(NOTE: Specifying sort criteria using 3 key specs)

Fix: IDS2PRX4 - LINE 1034 First statement:
F5$=STR(E$(),1486,VAL(STR...)) should be F5$=STR(E$(),1486,5).

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

Fix: IDS2PRX4 - same as bug #851

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to
field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PP27 LINES 2130-2140 for 'Read a record'
IDS2PP15 LINES 1038-1070 for 'Copy' P/F.

Assigned to: TJB Date corrected: 81382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code, but not both.

Fix: Same as bug #851 -- fix is in IDS2PRX4 LINE 1034.

Assigned to: TJB Date corrected: 80382 Version of correction: 2.1

How to recreate:

Problem number 860 Priority 3 Status 4 Date reported 80482
Reported by: Fracy Brown

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out to archived file.

Fix: IDS2PR52 AND IDS2PR53 - LINE 1227 -
    SET 0=MAX(1, ...)

Assigned to: TJB Date corrected: 80582 Version of correction: 2.1

How to recreate:

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR P57

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 862 Priority 3 Status 4 Date reported 80982
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are
out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: TJB Date corrected: 80182 Version of correction: 2.1

How to recreate:

Problem number 863 Priority 3 Status 4 Date reported 80982
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Indirect copy in reports does not work.

Fix: 1) Add LINE 2015 TO IDS2PP15(SOURCE)
2) Add to LINE 409 in IDS2SUB1 at start of line - Q=0:

Assigned to: TJB Date corrected: 81082 Version of correction: 2.1

How to recreate:

Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SORT key contains type 7 field following a type 4
field.

Fix: IDS2PBX2 - LINE 1230 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4

Assigned to: TJB Date corrected: 81682 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

Fix: IDSS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.
Assigned to: ELI Date corrected: 81682 Version of correction: 2.1

How to recreate:

Problem number 872 Priority 3 Status 4 Date reported 82382
Reported by: ART Super Software, Inc

Problem: Subsystem: REPORTS In version: 2.1
IDSS2PRX0 - "Printer not avail., press EXEC to continue". Pressed
EXEC and crashed with an $17 ERROR at LINE 1160 (SOURCE)

Fix: IDSS2PRX0 - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E$(E$),I*3+1701,18,I*3)=STR(E$(E$),I*3+1704,15-I*3)
Assigned to: TJB Date corrected: 82382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
MEMORANDUM TO: DISTRIBUTION
FROM: IDEAS2 DEVELOPMENT GROUP
DATE: AUGUST 16, 1982

SUBJECT: FIXES FOR KNOWN REPORT BUGS IN IDEAS RELEASE 2.0

A number of bugs in report and batch program execution have been brought to our attention and fixed within the last month. This memo attempts to list the most important bugs, and their resolution.

The following bugs are addressed in this document:

1) System error AU4 (stack overflow) is sometimes encountered if user has specified record reads within operations.

2) When specifying sort work file, system sometimes hangs in loop after printing error message telling user that sort file is not big enough.

3) Reports sometimes re-print duplicate records at end (after all valid records have been printed.)

4) Error 193 or 198 may be encountered if the sort key length times the number of buckets in the sort work file is greater than 256 bytes.

5) Indirect copies do not work in reports and batch programs.

6) Error 194 or 198 may be encountered if sequence file sort order is a subset of specified sort for report. (e.g.- Sequence file is based on keys A and B, report is sorted on A, B, E, F and G.)

7) Read a record operations may crash on references to F$(i) because F$(i) is incorrectly dimensioned.
PROBLEM #1

SYMPTOM: System error AU4 (stack overflow) is sometimes encountered if user has specified record reads within operations.

FIX: The following change needs to be made to IDSBRX3, IDSBRX4, and IDSBRX6. (see complete listings of all changes at end of memo.)

For IDSBRX3:
Release 2.0 reads:

1580 DEFN '/1
  :FOR I = 1 TO FO
  :CONVERT STR(E$), ...
  :ERRUR +1)=0
  1600 NEXT I
  :GOTU 1680

This should be changed to:

1580 GOSUB '/1
  :GOTU 1680

1592 DEFN '/1
  :FOR I = 1 TO FO
  :CONVERT STR(E$), ...
  :ERRUR +1)=0
  1600 NEXT I
  :RETURN

Similar changes should be made to IDSBRX4 and IDSBRX7 as noted in the accompanying listings.
PROBLEM #2

SYMPTOM: When specifying sort work file, system sometimes hangs in loop after printing error message telling user that sort file is not big enough.

FIX: This problem is caused by contention for the various disk platters. For a complete solution, make the noted changes in module 1US-PB2X2, LINEs 1030-1122, 1440-1457, and 1550. IDEAS will now test each disk device several times for availability. If no disks are available, a message will be displayed, and the operator can cancel.

PROBLEM #3

SYMPTOM: Reports sometimes re-print duplicate records at end (after all valid records have been printed.)

FIX: This is caused because IDEAS is not correctly setting the flag in each block of the sort work file which tells how many remaining blocks are in the bucket. To fix this, change module 1US-PB2X4, LINE 1725 as follows:

After 6th statement on LINE 1724:
:IF $7+$8=+$9 THEN STR($3$( ),1992)=HEX(00)

Add the following statement:
:ELSE STR($3$( ),1992)=STR($2$( ),1992)

NOTE: LINE 1725 will have to be broken into two lines to insert this statement. See the complete listing of changes to 1US-PB2X4 at the end of this memo.
PROBLEM #4

SYMPTOM: Error 198 or 199 may be encountered if the sort key length times the number of buckets in the sort work file is greater than 256 bytes.

FIX: 1) In modules IUSMPX4 (for reports) and IUSMPBX7 (for batch programs), on LINE 1200 change the third statement from:

:Q=VAL(STR($4$,d))

To:

:Q=VAL($4$,d)

2) In module IUSM501, add "Q=0:" at the beginning of LINE 409, as listed.

PROBLEM #5

SYMPTOM: Indirect copies do not work in reports and batch programs.

FIX: 1) In module IUSMPY15, change LINE 2000 as listed.

2) In module IUSM501, add "Q=0:" at the beginning of LINE 409, as listed.

PROBLEM #6

SYMPTOM: Error 198 or 199 may be encountered if sequence file sort order is a subset of specified sort for report. (E.g., sequence file is based on keys A and B, report is sorted on A,B,E,F and G.)

FIX: In module IUSMPB4X4, the first statement on LINE 1034 currently reads:

F5$ = STR(E$,1486,VAL(STR(E$,151))-48)

Change this to:

F5$ = STR(E$,1486,5)
PROBLEM #7

SYMPTOM: Read a record operations may crash on references to $H( )$ because $H( )$
            is incorrectly dimensioned.

FIX:  1) Add MA1 RE1M statement on LINE 1945 as listed.
      2) Change LINES 1620-1645 as listed (the main difference is that 1635
          now starts with the statement MA1 RE1M $H(12K)2,$ etc.).
      3) Change all references to LINE 1640 or 1645 to LINE 1635. (NOTE:
          1640 is referenced in LINE 1915, and 1645 is referenced in LINES
          1645(old line number) and 1825.

NOTE: The following enclosed listings are intentionally incomplete. Only lines
      within these modules which have been changed have been included. All other
      lines remain the same.
-1455 REM - GET FIRST RECORD IN THE WORK FILE
  : E$=STR(D$(),C4)
  : J=SGN(D5)
  : T=VAL(STR(E1$(C8),12))
  : IF D6=2THEN GOSUB '67(C8,E$,0)
  : ELSE GOSUB '59(C8,J,E$,0)
  : X=5
  : GOSUB '79
  : E$(0)=STR(F$(0),E0(2))

-1580 DEFFN'71
  : FOR I=1TO F0
  : CONVERT STR(E$(0),INT(VAL(STR(E2$(I),2),2)/16),VAL(E2$(I)))TO F(I)
  : ERROR F(I)=0
1600 NEXT I
  : GOTO 1680

-1620 ON J7GOTO 1650
  : J7,J8=1
  : GOTO 1580

-1650 F6$(2)="Y"
  : E$="IDS2PRX4IDS2PX"
  : CONVERT ROTO STR(E$,15),(##)
  : LOAD,T$2,<2>E$1000,1994
1660 DEFFN'68
  : F(F)=A
  : RETURN

1661 GOTO 1530
  : GOTO 1990
-1455 REM - GET FIRST RECORD IN THE WORK FILE
: E$=STR(D$(1),C4)
: J=SGN(D5)
: T=VAL(STR(E1$(C8),12))
: F6$(2)="Y"
: IF D6=2 THEN GOSUB '67(C8,E$,O)
: ELSE GOSUB '59(C8,J,E$,O)
: X=5
: GOSUB '79
: E$(1)=STR(F$(1),E0$(2))
-1580 GOSUB '71
: GOTO 1680

1592 DEFFN'71
: FOR I=1 TO F0
: CONVERT STR(E$(I),INT(VAL(STR(E2$(I),2),2)/16),VAL(E2$(I))) TO F(I)
: ERROR F(I)=0
1610 NEXT I
: RETURN

-1620 ON J7 GOTO 1650
: J7,J8=1
: GOTO 1580

-1650 F6$(2)="Y"
: E$="IDS2PRX4IDS2PX"
: CONVERT ROTO STR(E$,15),1994
: LOAD T#2<2>E$1000,1994

1660 DEFFN'68
: F(F)=A
: RETURN

1661 GOTO 1530
: GOTO 1990

1670 %
-1200 D$(0)=STR(D$(0),C7+1) & ALL(FF)
  : MAT SEARCHD$(0),>=STR(E4$(0),C7) TO F9$ STEP C7
  : G=VAL(STR(F9$,2))
  : MAT COPY -D$(0)<Q,C9-Q> TD -D$(0)<Q+C7,C9-Q>
  : STR(D$(0),Q,C7)=E4$(0)
  : MAT REDIM F$(E9)$ 1
  : E$=ALL(FF)
  : IF STR(D$(0),C6-1)<STR(E$,C6-1) THEN 1320
  : F6$(2)="N"
  : J8=12
  : GOTO 1540

-1620 DEFFN '76(D$)
  : F0$=HEX(400A)
  : STR(F0$,3,40)=STR(F0$,40)
  : STR(F0$,19,4)=HEX(A000400D)
  : Z=0
  : MAT REDIM F$(12B)2,E4$(12B)2

-1640 MAT SEARCHC1$(0)=D$ TO F$() STEP 9

-1645 Z=Z+1
  : IF F$(Z)=HEX(0000) THEN 1945
  : X=INT(VAL(F$(Z),2)/9)+1
  : E$=C1$(X)
  : IF STR(E$,3,1)>>" AND STR(E$,4,1)<F6$(VAL(STR(E$,3))-47) THEN 1645
  : IF STR(E$,7,1)=HEX(FF) THEN E0$(0)=" &STR(E2$(0),VAL(STR(E$,8),2),F5)
  : IF STR(E$,7,1)=HEX(FF) THEN 1690
  : DATA LOAD BA T#F4, (VAL(STR(E$,8),2))E4$(0)
  : E0$(0)=" &STR(E4$(0),VAL(STR(E$,7),F5)
  : AND (E0$(0),7F)

-1818 IF VAL(E6$)=31 THEN 1590
  : GOTO 1825

-1825 REM IF C2=0 THEN PRINT HEX(0A)
  : IF D$="FP" OR F6+B<F20 OR F2=0 THEN 1645
  : D1$=STR(D$,2)&BIN(Z)

-1915 J6=0
  : IF D1$=" THEN 1945
  : D$=D1$
  : Z=VAL(STR(D1$,3))
  : J9=99
  : GOTO 1640

1940 GOTO 1645

-1945 ON J6 GOTO 1865, 1915
  : RETURN

-1962 PRINT AT(23,0);"Touch EXECUTE to continue"
  : KEYIN E6$
  : IF E6$=HEX(0D) OR E6$=HEX(82) THEN 1970
  : IF E6$=HEX(1F) THEN 1590
  : PRINT HEX(07);
  : GOTO 1962
-1200 D$(1)=STR(D$(1),C7+1)& ALL(FF)
  : MAT SEARCHD$(1),>=STR(E4$(1),C7) TO F9$ STEP C7
  : Q=VAL(F9$,2)
  : MAT COPY -D$(1)<Q,C9-Q>TO -D$(1)<Q+C7,C9-Q>
  : STR(D$(1),Q,C7)=E4$(1)
  : MAT REDIM F$(E9)$
  : E$=ALL(FF)
  : IF STR(D$(1),C6-1)<STR(E$,C6-1) THEN 1320
  : F6$(2)="N"
  : J8=12
  : GOTO 1540

-1620 DEFFN '76(D$)
  : F0$=HEX(400A)
  : STR(F0$,3,40)=STR(F0$,40)
  : STR(F0$,19,4)=HEX(A000400D)
  : Z=0

-1635 MAT REDIM F$(128)2,E4$(128)2
  : MAT SEARCHC$(1),=D$ TO F$(1) STEP 9
  : Z=Z+1
  : IF F$(Z)=HEX(0000) THEN 1945
  : X=INT(VAL(F$(Z),2)/9)+1
  : E$=C$(X)
  : IF STR(E$,3,1)="AND STR(E$,4,1)<F6$(VAL(STR(E$,3))-47) THEN 1635
  : IF STR(E$,7,1)=HEX(FF) THEN E0$(1)=" "&STR(E2$(1),VAL(STR(E$,8),2),F5)
  : IF STR(E$,7,1)=HEX(FF) THEN 1690
  : DATA LOAD BA T#F4,(VAL(STR(E$,8),2),E4$(1))

1680 E0$(1)=" "&STR(E4$(1),VAL(STR(E$,7)),F5)
  : AND (E0$(1),7F)

-1818 IF VAL(E6$)=31 AND F6$(11)="Y" THEN 1590
  : GOTO 1825

-1825 REM IF C2=0 THEN PRINT HEX(0A)
  : IF D$="FP" OR F6+B<F20 OR F2=0 THEN 1635
  : D1$=STR(D$,2)& BIN(Z)

-1915 J6=0
  : IF D1$=" " THEN 1945
  : D$=D1$
  : Z=VAL(STR(D1$,3))
  : J9=99
  : GOTO 1635

-1945 MAT REDIM F$(E9)1
  : ON J6 GOTO 1865,1915
  : RETURN

-1962 PRINT AT(23,0); "Touch EXECUTE to continue"
  : KEY IN E6$
  : IF E6$=HEX(0D) OR E6$=HEX(B2) THEN 1970
  : IF E6$=HEX(1F) AND F6$(11)="Y" THEN 1590
  : PRINT HEX(07)
  : GOTO 1962
1005 IF F6$(17) < "^" THEN SELECT @PART "IDS2SUBM"
   DIM C1$(14), 7
   C1$(7) = ALL(FF)
   UNPACK (ED) STR(E$(1729, 12)) TO CO, C1, C5
   GOSUB ' 39 (STR(F4$, 4), 4)
   DATA LOAD BA T#P, (A+2) STR(F$(1729, 256)
   E0$(0) = STR(F$(1729, 95, 42)
   MAT REDIM EO$(14), 3, E3$(14), 2, F$(14), 2
   MAT SORT EO$(1729, 0) TO F$(1729, 0), E3$(1729, 0)
   MAT REDIM F$(1729, 14, 8)
   MAT MOVE EO$(1729, 0), E3$(1729, 0) TO F$(1729, 0)

1060 MAT REDIM F$(E9) + 1, E0$(249) + 1, E3$(24) + 3
   STR(F$(1729, 11), 113) = " 
   CONVERT ROTO F9$, (##)
   F5$ = "@SORT" & F9$ & JR"'
   I = 1

-1090 MAT SEARCHF$(1729, 1, I, 3) TO F9$STEP 8
   IF VAL(F9$, 2) < I AND F9$ > HEX(0000) THEN 1085
   MAT SEARCHEO$(1729, 1, I, 3) TO F9$STEP 3
   D = (VAL(F9$, 2) + 5)/3
   $OPEN 1120, #D
   ERROR GOTO 1120

1105 $CLOSE #D
   $ ephemeral, (01010201121244400, D2$)
   ERROR GOTO 1120

1115 IF STR(D2$, 8, 1) < > HEX(10) THEN 1125
   STR(F$(1729, 1+3, 5) = "(off)"
   GOTO 1150

-1120 STR(F$(1729, 1+3, 5) = "(off)"
   GOTO 1150

-1440 MAT SEARCHF$(1729, 1, I, 3) TO F9$STEP 7
   IF F9$ > HEX(0000) THEN 1540
   IF J0 = THEN GOSUB 1470
   GOSUB ' 35("Invalid disk address. Please choose only from those listed.")
   GOTO 1590

-1550 IF J0 = THEN GOSUB 1470
   IF F$(VAL(F9$, 2)) = "2" THEN GOSUB ' 55 (4, 0)
   ELSE GOSUB ' 55 (4, Y)
   IF F$(VAL(F9$, 2)) = "2" THEN STR(E2$(4), 5, 1) = OR HEX(01)
   ELSE STR(E2$(4), 5, 1) = AND HEX(FE)
   PRINT AT(R, C+LEN(E$)), "HEX(OF); " are allocated."
   C9 = 0
   IF Q > THEN 1600
   F = 3
1005 IF F6$(17)="^"THEN SELECT &PART"IDS2SUBM"
-1010 DIM C1$(14)
    C1$(1)=ALL(FF)
    UNPACK(####STR(E$(1),1729,12)TO C0,C1,C5
    GOSUB '39(STR(F4$,4),4)
    DATA LOAD BA T#P,(A+2)STR(F$(1),256)
    E0$(1)=STR(F$(1),95,42)
    MAT REDIM EO$(14),E3$(14),E$,F$(14)
    MAT SORTEO$(1)TO F$(1),E3$(1)
    MAT REDIM F$(148)
    MAT MOVE EO$(1),E3$(1)TO F$(1)
    MAT REDIM F$(E9),E$(249)1,E3$(24)83
    STR(F$(1),113)=""
-1070 CONVERT ROTO F9$(##)
    F5$="@SORT"&F9$&"@"
    I=1
-1090 MAT SEARCHF$(1)=STR(F$(1),I,3)TO F9$STEP 8
    IF VAL(F9%,2)<IAND F9%HEX(0000)THEN 1085
    MAT SEARCHEO$(1)=STR(F$(1),I,3)TO F9$STEP 3
    D=(VAL(F9%,2)+5)/3
    J5=0
    IF D=2THEN 1110
-1100 $OPEN 1120,#D
    ERROR GOTO 1122
1105 $CLOSE #D
-1110 $G0D,(O101020112124400,D2$)
    ERROR GOTO 1122
1115 IF STR(D2$,8,1)<HEX(10)THEN 1125
    STR(F$(1),I+3,5)="(off)"
    GOTO 1150
-1120 J5=J5+1
    IF J5<20THEN 1100
-1122 STR(F$(1),I+3,5)="(off)"
    GOTO 1150
-1440 MAT SEARCHF$(1)<4>,=STR(E$,3)TO F9$STEP 7
    IF F9%HEX(0000)AND STR(E$,3)<HEX(FFFFF)THEN 1540
    IF J0=0THEN GOSUB 1470
    GOSUB '43(2)
    IF STR(E$,3)<HEX(FFFFF)THEN 1457
-1456 GOSUB '35("No disks are available. EXEC to re-try, FN '31 to cancel")
    F6$(11)="N"
    GOSUB '34(250)
    IF Q=32THEN 1010
    IF Q<31THEN 1456
    COM CLEAR()
    GOSUB '40(R3$(1))
-1457 GOSUB '35("Invalid disk address. Please choose only from those listed.")
    F=1
    GOTO 1590
-1550 IF J0=0THEN GOSUB 1470
    IF F$(VAL(F9%,2))="2"THEN GOSUB '55(4,0)
    ELSE IF F$(VAL(F9%,2))="1"THEN GOSUB '55(4,Y)
    IF F$(VAL(F9%,2))="2"THEN STR(E2$(4),5,1)=OR HEX(01)
    ELSE IF F$(VAL(F9%,2))="1"THEN STR(E2$(4),5,1)=AND HEX(0E)
    PRINT AT(R,C+LEN(E$));HEX(OF);" are allocated."
    C9=Q
    IF Q>0THEN 1600
    F=3
1034  F5$=STR(E$(),1486,VAL(STR(E$(),151))—48)
    E$="ABCDEN"
    IF F5$=STR(E$(),LEN(F5$))THEN J0,J3=1
    ELSE J0,J3=0
-1725 MAT REDIM E2$(J8)D3,E$(J8)2,E3$(J8)2
    MAT SORTE2$(J)TO E3$(J),E$(J)
    MAT REDIM E3$(J8)D3
    MAT MOVE E2$(J),E$(J)TO E3$(J)
    MAT REDIM E$(EB)1,E2$(250)9,E3$(24)83
    IF F7*B>=J9THEN STR(E3$(J),1992)=HEX(00)
    DATA SAVE DA T#D6_,(F7,F7,E3$(J))
    IF VAL(STR(E2$(J),1992))<D9THEN 1785
    MAT SEARCHD$(J)>&=STR(E2$(J),D3)TO F9$STEP J6
    F5=VAL(F9$,2)
1775 MAT COPY -D$(J,F5,J7,F5)>TO -D$(J,F5+J6,J7,F5)
    STR(D$(J),F5,J6)=STR(E3$(J),D3)&BIN(F7—B,2)&BIN(D3+1,2)
1034 F5$=STR(E$, 1486, 5)  
: E$="ABCDE"
: IF F5$=STR(E$, LEN(F5$)) THEN J0, J3=1
: ELSE J0, J3=0
-1725 MAT REDIM E2$(J8*), E$(J8) 2, E3$(J8) 2
: MAT SORT E2$(J8) TO E3$(J8), E$(J8)
: MAT REDIM E3$(J8) D3
: MAT MOVE E2$(J8), E$(J8) TO E3$(J8)
: MAT REDIM E$(J8) 1, E2$(J8) 1, E3$(J8) 1
: IF F7+B>=J9 THEN STR(E3$(J8), 1992)=HEX(00)
: ELSE STR(E3$(J8), 1992)=STR(E2$(J8), 1992)
: DATA SAVE DA T#D6, (F7, F7) E3$(J8)
: IF VAL(STR(E2$(J8), 1992)) < D9 THEN 1785
: MAT SEARCH D$(J8), >=STR(E3$(J8), D3) TO F9#STEP J6
1770 F5=VAL(F9$, 2)
: MAT COPY -D$(J5)+F5, J7-F5 TO -D$(J5)+F5+J6, J7-F5
: STR(D$(J5), F5, J6)=STR(E3$(J8), D3) & BIN(F7-B, 2) & BIN(D3+1, 2)
-1450 E$=STR(D$(E),C4)
  : J=SBN(D5)
  : T=VAL(STR(E1$(E),12))
  : IF D6=2 THEN GOSUB '67(C8,E$,0)
  : ELSE GOSUB '59(C8,J,E$,0)
  : X=5
  : GOSUB '79
  : E$()=STR(F$(),E0(2))
-1590 E4=0
  : IF E0>0 THEN GOSUB '55(E0,E4)
  : IF E1>0 THEN GOSUB '45(E1,STR(R2$,2)).
  : IF E2>0 THEN GOSUB '45(E2,STR(R2$,3,2))
  : IF E3>0 THEN GOSUB '45(E3,STR(R2$,5,2))
  : J7,J8=12

-1640 FOR I=1 TO F0
1650 DEFFN'71
  : CONVERT STR(E$(E),INT(VAL(STR(E2$(E),2),2)/16),VAL(E2$(E))) TO F(E)
  : ERROR F(E)=0
1660 NEXT E
  : GOTO 1740

-1680 ON J7GOTO 1710
  : J7,J8=1
  : GOTO 1640
-1450 E$ = STR(D$(1), C4)
    J = SGN(D5)
    T = VAL(STR(E1$(C8), 12))
    F6$(2) = "Y"
    IF D6 = 2 THEN GOSUB '67(C8, E$, 0)
    ELSE GOSUB '59(C8, J, E$, 0)
    X = 5
    GOSUB '79
    E$(1) = STR(F$(1), E0(2))
-1590 E4 = 0
    IF E0 > 0 THEN GOSUB '55(E0, E4)
    IF E1 > 0 THEN GOSUB '45(E1, STR(R2$(, 2))
    IF E2 > 0 THEN GOSUB '45(E2, STR(R2$(, 3, 2))
    IF E3 > 0 THEN GOSUB '45(E3, STR(R2$(, 5, 2))
    J7, J8 = 12
    GOSUB 1650
    GOTO 1740

-1650 DEFFN '71
    FOR I = 1 TO F0
    CONVERT STR(E$(1), INT(VAL(STR(E2$(I), 2), 2) / 16), VAL(E2$(I))) TO F(I)
    ERROR F(I) = 0
1660 NEXT I
    RETURN

-1680 ON J7 GOTO 1710
    J7, J8 = 1
    GOSUB 1650
    GOTO 1740
-1200 D$(I)=STR(D$(I),C7+1)&ALL(FF)
  : MAT SEARCHD$(I),>=STR(E4$(I),C7)TO F9$STEP C7
  : Q=VAL(STR(F9$,2))
  : MAT COPY -D$(I)<Q,C9-Q>TO -D$(I)<Q+C7,C9-Q>
  : STR(D$(I),Q,C7)=E4$(I)
  : MAT REDIM F$(E9)1
  : E$=ALL(FF)
  : IF STR(D$(I),C6-1)<STR(E$,C6-1)THEN 1320
  : F6$(2)="N"
  : J8=12
  : GOTO 1540
D$(1)=STR(D$(1),C7+1)&ALL(FF)
MAT SEARCHD$(1)>,=STR(E4$(1),,C7)TO F9$STEP C7
Q=VAL(F9$,2)
MAT COPY -D$(1)<Q,C9-Q>TO -D$(1)<Q+C7,C9-Q>
STR(D$(1),Q,C7)=E4$(1)
MAT REDIM F$(E9$)1
E$=ALL(FF)
IF STR(D$(1),,C6-1)<STR(E$,,C6-1)THEN 1320
F6$(2)="N"
JB=12
GOTO 1540
IDS2PP15 - REL. 2.0
-2000 E4$()=E4$() & HEX(9A) & "'43("&J55&HEX(29BA) &"F5$=E$"&HEX(BA)
  : E4$()=E4$() & HEX(9A) & "'43("&EB$&HEX(29BA)
  : E4$()=E4$() & HEX(9A) & "'65(F5$,E4$()")&HEX(BA)
  : E0$()="Copy indirect using "&HEX(22)&F1$&HEX(22)" and "&HEX(22)&F2$&HEX(22)

IDS2PP15 - REL. 2.1
-2000 E4$()=E4$() & HEX(9A) & "'43("&J55&HEX(29BA) &"F5$=E$"&HEX(BA)
  : E4$()=E4$() & HEX(9A) & "'43("&EB$&HEX(29BA)
  : IF POS("RB"=STR(R3$(1),6,1))>OTHERN E4$()=E4$() &"E0$=E9$ (1)"&HEX(BBE1) &"(20"
  : E4$()=E4$() & HEX(9A) & "'65(F5$,E4$()")&HEX(BA)
2030 E0$()="Copy indirect using "&HEX(22)&F1$&HEX(22)" and "&HEX(22)&F2$&HEX(22)

IDS2SUB1 - REL. 2.0 LINE 409
-0409 W=MIN(B,M)*3
  : GOSUB 969
  : A=N
  : ON QQOTO 409

IDS2SUB1 - REL. 2.1 LINE 409
-0409 Q=0
  : W=MIN(B,M)*3
  : GOSUB 969
  : A=N
  : ON QQOTO 409
Problem number 686 Priority 3 Status 4 Date reported 40982
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when
START module is revised, added file is not recorded unless
primary file is revised.

Fix: IDS2PIOS will now add file appropriately.

Assigned to: FJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of File dump is titled "Data file Key
Dump". Should be file dump.
QA REF# 65955

Fix: IDS2sU13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDS2PF01 -- will now check for multi-volume files.

Assigned to: FJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file #1, skip back from field name and change to #2, position will appear relative to file #1.

Fix:  IDS2PS07

Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 773 Priority 3 Status 4 Date reported 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR PS6

Fix:  Add GDSUB 1530 AT beginning of LINE 1070, take out of 1030.

Assigned to: TJB Date corrected: 51282 Version of correction: 2.1

How to recreate:

Problem number 780 Priority 2 Status 4 Date reported 51382
Reported by: Jack Lamprey

Problem: Subsystem: UTILITIES In version: X26
Application install -- STOP "Cannot find system files" Created two diskettes with utility, each diskette contains system files, Valid system cannot be created.

Fix:  Fixed in Release 2.1

Assigned to: ART Date corrected: 81582 Version of correction: 2.1

How to recreate:

Problem number 788 Priority 3 Status 5 Date reported 4/28/82
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 6/04/82 Version of correction: 2.1

How to recreate:

Problem number 810 Priority 3 Status 4 Date reported 5/27/82
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDS2MX01

Assigned to: EL Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 811 Priority 3 Status 5 Date reported 5/27/82
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: 2.1
Does not allow use of '31 if cancel module is not specified.

Fix:

Assigned to: EL Date corrected: 0 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 813  Priority: 2  Status: 4  Date reported: 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL  In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix:  IDSSSUB3 LINE 760

Assigned to: TJB  Date corrected: 62982  Version of correction: 2.1

How to recreate:

Problem number: 815  Priority: 3  Status: 4  Date reported: 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS  In version: X25
Read a record: Set field equal to field -- does not allow
reading from alternate file (not associated) and transferring to
primary file (associated).

Fix:  Fixed in Release 2.1

Assigned to: TJB  Date corrected: 70182  Version of correction: 2.1

How to recreate:

Problem number: 818  Priority: 3  Status: 4  Date reported: 60182
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS  In version: X23
Screens no longer exclude duplicate field names.

Fix:  IDSS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

Assigned to: TJB  Date corrected: 60482  Version of correction: 2.1

How to recreate:

Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 820 Priority 3 Status 4 Date reported 60582
Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an
application, program STOPS. User may then press RUN and system
will accept ID without password.

Fix: IDS2PIX5 -- don't set R4$ to ID that was entered until password
is entered.
Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 822 Priority 3 Status 4 Date reported 52682
Reported by: Barb Reyer (NML)

Problem: Subsystem: SCREENS In version: X23
Extra screen utilities -- "Delete screen" option does not
rename screen, only scratches.

Fix:

Assigned to: TJB Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 824 Priority 3 Status 5 Date reported 60682
Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
@TSTFLD's are allowed in Math calculations for batch programs.

Fix: IDS2PS20 LINES 1121, 1140

Assigned to: TJB Date corrected: 62882 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system
platter, PS22 displays error message, then crashes at @8 with
F=0.

Fix: IDS2PS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to recreate:

Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:

Assigned to: IJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored
as changed, but fields are not.

Fix: IDS2PRO3 - Can no longer cancel from mask.

Assigned to: IJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 830 Priority 3 Status 4 Date reported 62382
Reported by: Alan Ischetter

Problem: Subsystem: UTILITIES In version: 2.0
File dump utility - ERR PS7 in IDS2P020 at LINE 1690.

Fix: IDS2P020 - LINE 1690 change second statement to:

ROTATEC(STR('E4$()'),P),2)

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to recreate:

Problem number 831 Priority 2 Status 4 Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS In version: 2.0
IDS2PRX3 crashes with ERR A04 because of repeated calls to
DEFFN '71 w/o RETURN statements. Caused by repeated independent
record reads during report operations.

Fix: IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC Date corrected: 62982 Version of correction: 2.1

How to recreate:

Problem number 832 Priority 3 Status 5 Date reported 62382
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix: IDS2PRX3 LINE 1560

Assigned to: IJB Date corrected: 62982 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 833 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for reports - Does not document spec. for level
for each operation (ie- perform only if LEVEL>=x)

Fix:

Assigned to: CRW Date corrected: 92082 Version of correction: 2.1

How to recreate:

Problem number 835 Priority 3 Status 5 Date reported 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: IJB Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 836 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: UTILITIES In version: 2.0
ERROR PS/AT @1797 in subr when running 'Convert to/from IPC'.
(Files not opened correctly.)

Fix: Fixed in Release 2.1

Assigned to: ART Date corrected: 0 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDS2PRX3 LINE 1725.
See bug number 848 for complete fix.
Assigned to: TJB Date corrected: 7/13/82 Version of correction: 2.1

How to recreate:

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F$() is re-dimensioned in IDS2PRX4 at LINE 1635. May sometimes crash in subroutines at @556 if not re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDS2PRX4 ADD MAT REDIM F$((E3)1:etc.
Assigned to: ELI Date corrected: 7/06/82 Version of correction: 2.1

How to recreate:

Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR AO4 in IDS2PRX3 - DEF1N71 is called without RETURNS.

Fix: IDS2PRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 7/01/82 Version of correction: 2.1

How to recreate:

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH
In version: 2.0
Branch to an operation in reports and batch branches to wrong operation — one too many.

Fix: IDSEPP19 LINES 3050, 3060 AND 3090.

Assigned to: IJB Date corrected: 70682 Version of correction: 2.1

How to recreate:

Problem number 842 Priority 3 Status 4 Date reported 70182
Reported by: Saudi Telephone

Problem: Subsystem: UTILITIES
In version: 2.0
TC file utilities — IDEAS TC files are not real WANG TC files. If record length is >80, other utilities (eg 3741 utilities) may not handle them correctly.

Fix: Fixed in Release 2.1
Assigned to: ART Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 843 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS
In version: 2.0
Documentation for read a record — if ‘FILE # X’ is used, file name is blank in documentation.

Fix: Fixed in Release 2.1
Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 844 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise
Division

Problem: Subsystem: REPORTS In version: 2.0
Record selection documentation
- PRINTS - A Description for A Garbage
- B Description for B Garbage etc.

Fix: IDS2PR35 - LINES 1150,1330 (SOURCE)

Assigned to: IJB Date corrected: 92/82 Version of correction: 2.1

How to recreate:

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise
Division

Problem: Subsystem: SCREENS In version: 2.0
If screen is compressed, when it is revised, it may over-write
next file.

Fix: IDS2PS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: IJB Date corrected: 81132 Version of correction: 2.1

How to recreate:

Problem number 846 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise
Division

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2PRX3 and IDS2PRX6 - LINE 1472 ADD F6$(2)="Y"

Assigned to: IJB Date corrected: 71382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 847 Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for 'Read a record' crashes in IDS2PS32 at
LINE 1010 at STR(CS$,VAL...)

Fix: Fixed in Release 2.1
Assigned to: CRW Date corrected: 0 Version of correction: 2.1

How to recreate:

Problem number 848 Priority 2 Status 4 Date reported 71482
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2PSX4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD ;ELSE STR(E3$((),1992)=STR(E2$((),1992). Also MAT SEARCH D$(,)=STR(E:
Assigned to: IJB Date corrected: 71682 Version of correction: 2.1

How to recreate:

Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If no disks are available when creating a sort work file,
HEX(FF)‘s appear in field for disk address, and system beeps
continuously.

Fix: IDS2PSX2 has been changed to check disk several times, and print
an error message if no disks are available.
Assigned to: IJB Date corrected: 81182 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding / 1. Request 8. Obsolete
Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
When printing report, crashes in IDS2PPRX4 with ERROR P34 at
LINE @497. H is a six digit number.
(NOTE: Specifying sort criteria using 3 key specs)

Fix: IDS2PPRX4 - LINE 1034 First statement:
    F5$=STR(E$(1),1486,VAL(STR...)) should be F5$=STR(E$(1),1486,5).
Assigned to: IJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Same report as in BUG #851, if four sort keys are specified,
report prints 18 blank records.

Fix: IDS2PPRX4 - same as bug #851
Assigned to: IJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to
field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PPR27 LINES 2130-2140 for 'Read a record'
    IDS2PPR15 LINES 1038-1070 for 'Copy' P/F.
Assigned to: IJB Date corrected: 81382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 855 Priority 3 Status 4 Date reported 7/27/82
Reported by: John Kelly

Problem: Subsystem: REPORTS
In version: 2.0
A report sorts correctly on vendor # (the key) or zip code, but not both.

Fix: Same as bug #851 -- fix is in IDS24P8X4 LINE 1034.

Assigned to: JLB Date corrected: 8/09/82 Version of correction: 2.1

How to recreate:

Problem number 859 Priority 1 Status 4 Date reported 7/21/82
Reported by: John Proulx

Problem: Subsystem: PROGRAMS
In version: 2.0
Type a data file, Changing key for record and re-saving, gives blank record when recalled.
NOTE: Using standard ACD program (that's the problem)

Fix: IDS2SUB4 - LINE 797 - AFTER GOSUB 768 ADD :V=K
LINE 830 - CHANGE F5$=F3$ TO IF V=K THEN F5$=F3$:ELSE F3$=F5$

Assigned to: ELI Date corrected: 9/10/82 Version of correction: 2.1

How to recreate:

Problem number 860 Priority 3 Status 4 Date reported 8/04/82
Reported by: Tracy Brown

Problem: Subsystem: REPORTS
In version: 2.0
Archiving of reports does not copy all lines of mask out to archived file.

Fix: IDS24P52 AND IDS24P53 - LINE 1227 -
SET U = MAX(1, ...)

Assigned to: JLB Date corrected: 8/05/82 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR PS7

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to recreate:

Problem number 862 Priority 3 Status 4 Date reported 80382
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: IJB Date corrected: 80182 Version of correction: 2.1

How to recreate:

Problem number 863 Priority 3 Status 4 Date reported 80982
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Indirect copy in reports does not work.

Fix: 1) Add LINE 2015 TO IDS2PP15(SOURCE)
2) Add to LINE 409 in IDS2SUB1 at start of line - Q=0:

Assigned to: IJB Date corrected: 81082 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 866 Priority 3 Status 4 Date reported 81182
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Banner output on reports - sometimes prints garbage in record selection listing.

Fix: IDS2PRX2 - LINES 1705,1725 (SOURCE)

Assigned to: TJB Date corrected: 92782 Version of correction: 2.1

How to recreate:

Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SURF key contains type 7 field following a type 4 field.

Fix: IDS2PRX2 - LINE 1240 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4

Assigned to: TJB Date corrected: 81682 Version of correction: 2.1

How to recreate:

Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that output file requires more room, file which follows old screen file is overwritten.

Fix: IDS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.

Assigned to: ELI Date corrected: 81682 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 869 Priority 3 Status 4 Date reported 8/18/82
Reported by: Tracy J. Brown, Inc.

Problem: Subsystem: UTILITIES In version: 2.0
Application Install - Installing to a single diskette using a reference file. Utility creates two 170-sector scratched JUNK files on output diskette.

Fix: IDS2PU18

Assigned to: AKI Date corrected: 9/18/82 Version of correction: 2.1

How to recreate:

Problem number 871 Priority 3 Status 4 Date reported 8/18/82
Reported by: Wendy (CSS)

Problem: Subsystem: REPORTS In version: 2.0
record selection is specified based on a field from FILE # 2.
Position in generated code is incorrect (based on FILE # 1)

Fix: IDS2PK21 LINE 1680 -- Change "12+4567" TO "01234567"

Assigned to: ELI Date corrected: 9/20/82 Version of correction: 2.1

How to recreate:

Problem number 872 Priority 3 Status 4 Date reported 8/23/82
Reported by: AKI Super Software, Inc

Problem: Subsystem: REPORTS In version: 2.1
IDS2PRXO - "Printer not avail., press EXEC to continue". Pressed EXEC and crashed with an 81/7 ERROR at LINE 1160 (SOURCE)

Fix: IDS2PRXO - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E$(1),1*3+1/01,18,1*3)=STR(E$(1),1*3+1704,15-1*3)

Assigned to: TJB Date corrected: 8/23/82 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 874 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: 2.0
TC Utilities - Bytes 46 and 47 of E1$() entry are not set up correctly. In this case they should be HEX(0080) but are HEX(0087).

Fix: IDS2PU05 AND IDS2PU07

Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to recreate:

Problem number 875 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Created TC file using X27 (internal rel.), coming back from TC - Error message: TC file is damaged.

Fix: IDS2PU08

Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to recreate:

Problem number 876 Priority 3 Status 4 Date reported 82482
Reported by: Alan Ischetter

Problem: Subsystem: REPORTS In version: 2.0
At execution time, message says 'Sorting is 100% done' then another message says 'Sort file is full as if something is wrong.

Fix: IDS2PBX8 CHANGE LINE 1810 (SOURCE) TO:
IF F7<J9 OR X=100 THEN RETURN

Assigned to: JJB Date corrected: 90382 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 277 Priority 3 Status 4 Date reported 9082
Reported by: Greg Turquist (CSS)

Problem: Subsystem: GLOBAL In version: 2.0
Date conversion to Julian does not take into account leap years.
(Dates greater than 2/29 will be off by one.)

Fix: IDSSUBY - LINE 3805 EXCHANGE IF B=5 ... WITH IF MOD(T,4)...

Assigned to: ELI Date corrected: 9092 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Record Range Criteria used in this report run:
Description: Minimum Value: Maximum Value:
Problem number: 500: 9999

Record selection criteria used in this report run:
Version corrected="2.1"
OK
Version corrected>="2.27"

Record Sort Criteria used in this report run:
Problem number:

IDEAS2 HUG LIST
Problem number 561 Priority 3 Status 4 Date reported 210882
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version:
REPORTS: Create a field which overlaps into another field, field overlapped into disappears.

Fix: IDS2PR10 -- now checks for collision of fields.

Assigned to: FJB Date corrected: 604882 Version of correction: 2.1

How to recreate:

Problem number 686 Priority 3 Status 4 Date reported 409882
Reported by: Frank Carr

Problem: Subsystem: START's In version:
START's: If an alternate file is added to a data file, when START module is revised, added file is not recorded unless primary file is revised.

Fix: IDS2PJOS will now add file appropriately.

Assigned to: FJB Date corrected: 604882 Version of correction: 2.1

How to recreate:

Problem number 706 Priority 3 Status 4 Date reported 413882
Reported by: Frank Carr

Problem: Subsystem: PROGRAMS In version:
PROGRAMS: Auto ACD program. Edit existing record, change key to a duplicate key. Error message results. Changed key back to original key and record is re-read, destroying current changes.

Fix: Fixed in Release 2.1 -IDS2PPG1 and IDS2PPG2.

Assigned to: FEL Date corrected: 929882 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 729 Priority 3 Status 4 Date reported 41682
Reported by: Peg Flood

Problem: Subsystem: UTILITIES In version:
UTILITIES: Third screen of File dump is titled "Data file Key
Dump". Should be file dump.
QA REF# 65955

Fix: IDS25U13

Assigned to: FHC Date corrected: 60482 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 760 Priority 3 Status 4 Date reported 43082
Reported by: Joel Taunton

Problem: Subsystem: DATA FILES In version:
DATA FILES: Can change a type 2 file to a type 5.

Fix: IDS24F01 -- will now check for multi-volume files.

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 770 Priority 3 Status 5 Date reported 50682
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: X25
SCREENS: Field definition -- Define field associated with file
#1, skip back from field name and change to #2, position will
appear relative to file #1.

Fix: IDS2PS07

Assigned to: IJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

*****************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
COMPLETE DATA ON ALL REPORTED IDEAS & BUGS  Date: 11/09/82  Page: 3

Problem number: 771  Priority: 3  Status: 4  Date reported: 50582
Reported by: Peg Flood

Problem: Subsystem: UTILITIES  In version: X25
Cannot cancel out of conversion utilities -- data files, screens, menus, and START programs.
(NOTE: Screens, menus and START's are OK now.)

Fix: CANCEL can be used from all conversion utilities as of X28.

Assigned to: ART  Date corrected: 102082  Version of correction: X28

How to recreate:

******************************************************************************

Problem number: 773  Priority: 3  Status: 4  Date reported: 50682
Reported by: Frank Carr

Problem: Subsystem: SCREENS  In version: X27
Documentation for edits crashes in IDS2PS27 ON LINE 1070 ERR P56

Fix: Add GOSUB 1530 AT beginning on LINE 1070, take out of 1030.

Assigned to: TJB  Date corrected: 51282  Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number: 780  Priority: 2  Status: 4  Date reported: 51382
Reported by: Jack Lamprey

Problem: Subsystem: UTILITIES  In version: X26
Application install -- STOP "Cannot find system files"
Created two diskettes with utility, each diskette contains system files, valid system cannot be created.

Fix: Fixed in Release 2.1

Assigned to: ART  Date corrected: 81582  Version of correction: 2.1

How to recreate:

******************************************************************************

Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 788 Priority 3 Status 5 Date reported 4/28/82
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS  In version: X26
Record read option, allows user to specify copying from FILE # 3
to FILE # 1. Does not do copy.

Fix: We will not allow this in the future.

Assigned to: TJB Date corrected: 6/04/82 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 794 Priority 3 Status 4 Date reported 5/20/82
Reported by: Peg Flood

Problem: Subsystem: UTILITIES  In version: X26
Converting alternate data file, message displayed-- duplicate
key in alternate file. Then crashed at LINE 1080 AT DATA LOAD
BA T#15, ... in IDS2PC04.

Fix: Fixed as of release X28.

Assigned to: ART Date corrected: 10/20/82 Version of correction: X28

How to recreate:

******************************************************************************

Problem number 810 Priority 3 Status 4 Date reported 5/27/82
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER  In version: X27
Application menus do not allow use of '31 unless explicitly
specified.

Fix: IDS2MX01

Assigned to: ELT Date corrected: 0 Version of correction: 2.1

How to recreate:

******************************************************************************

       Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number 811 Priority 3 Status 5 Date reported 52782
Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER In version: X27
Does not allow use of '31 if cancel module is not specified.

Fix:

Assigned to: ELI Date corrected: 0 Version of correction: 2.1

How to recreate:

********************************************************************************

Problem number 813 Priority 2 Status 4 Date reported 51782
Reported by: Small World Enterprise

Problem: Subsystem: GLOBAL In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

Fix: IDS2SUB3 LINE 760

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to recreate:

********************************************************************************

Problem number 815 Priority 3 Status 4 Date reported 60182
Reported by: Frank Carr

Problem: Subsystem: EDITS In version: X25
Read a record; Set field equal to field -- does not allow
reading from alternate file(not associated) and transferring to
primary file (associated).

Fix: Fixed in Release 2.1

Assigned to: TJB Date corrected: 70182 Version of correction: 2.1

How to recreate:

*******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 818 Priority 3 Status 4 Date reported 60182
Reported by: Barb Keyer (NML)

Problem: Subsystem: SCREENS In version: X23
Screens no longer exclude duplicate field names.

Fix:  IDSZEPSOY -- Additions for 'rename edits' skipped around test for
duplicate field names.
Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 820 Priority 3 Status 4 Date reported 60582
Reported by: Chuck Wilson

Problem: Subsystem: SECURITY In version: 2.0
If three successive invalid passwords are entered in an
application, program STOPS. User may then press RUN and system
will accept ID without password.

Fix:  IDSZPIX5 -- don't set R4$ to ID that was entered until password
is entered.
Assigned to: TJB Date corrected: 60482 Version of correction: 2.1

How to recreate:

Problem number 821 Priority 3 Status 4 Date reported 52682
Reported by: Barb Keyer (NML)

Problem: Subsystem: PROGRAMS In version: X23
Program compilation hangs up in loop.
Screen "NBSZZZZZ", Program "T", Field "BLNKFED" Edit #5.


Assigned to: ART Date corrected: 102082 Version of correction: X28

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 824 Priority 3 Status 5 Date reported 60682
Reported by: Chuck Wilson

Problem: Subsystem: EDITS In version: 2.0
@ISIIFLU's are allowed in Math calculations for batch programs.

Fix: IDS2PS20 LINES 1121, 1140

Assigned to: TJB Date corrected: 62882 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 825 Priority 3 Status 4 Date reported 62282
Reported by: NML (via ART)

Problem: Subsystem: EDITS In version: 2.0
If a user exit has been created but no longer exists on system
platter, PS22 displays error message, then crashes at @8 with
F=0.

Fix: IDS2PS22 LINE 1141 ADD AFTER '35 : F=13

Assigned to: ART Date corrected: 62282 Version of correction: 2.1

How to recreate:

******************************************************************************
Problem number 826 Priority 3 Status 5 Date reported 62282
Reported by: Small World Enterprise

Problem: Subsystem: DATA FILES In version: 2.0
Type 5 fields, right justify does not document correctly.

Fix:

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 828 Priority 3 Status 4 Date reported 60782
Reported by: Frank Carr

Problem: Subsystem: REPORTS In version: 2.0
When editing report mask, if you cancel, mask lines are stored as changed, but fields are not.

Fix: IDS2FRO3 - Can no longer cancel from mask.

Assigned to: TJB Date corrected: 62282 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 830 Priority 3 Status 4 Date reported 62382
Reported by: Alan Ischetter

Problem: Subsystem: UTILITIES In version: 2.0
File dump utility - ERR PS7 in IDS2PU20 at LINE 1690.

Fix: IDS2PU20 - LINE 1690 change second statement to:
  ROTATEC(STR(E4%$),P),2)

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to recreate:

******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 831 Priority 2 Status 4 Date reported 62982
Reported by: Frank Carr (Colgate)

Problem: Subsystem: REPORTS In version: 2.0
IDS2PRX3 crashes with ERR A04 because of repeated calls to
DEFFN '71 w/o RETURN statements. Caused by repeated independent
record reads during report operations.

Fix: IDS2PRX3 -- fixes are listed on bug report.

Assigned to: FHC Date corrected: 62982 Version of correction: 2.1

How to recreate:

**********************************************************************************************

Problem number 832 Priority 3 Status 5 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for field type - Type 1 fields are shown as type 2

Fix: IDS2PRX3 LINE 1560

Assigned to: TJB Date corrected: 62982 Version of correction: 2.1

How to recreate:

**********************************************************************************************

Problem number 833 Priority 3 Status 4 Date reported 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for reports - Does not document spec. for level
for each operation (ie- perform only if LEVEL >= x)

Fix:

Assigned to: CRW Date corrected: 92082 Version of correction: 2.1

How to recreate:

**********************************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 834  Priority: 3  Status: 4  Date reported: 62882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS  In version: 2.0
First operation specified is performed only if LEVEL = P.
Generated code reads: 2000 IF J7<> 13 THEN 2001: etc.
Operation is not performed.

Fix:  Fixed in Release 2.1.

Assigned to: ELI  Date corrected: 92982  Version of correction: 2.1

How to recreate:

Problem number: 835  Priority: 3  Status: 5  Date reported: 70282
Reported by: Harvey Dobbs

Problem: Subsystem: SCREENS  In version: 2.0
Screens allow duplicate field names.

Fix:

Assigned to: TJB  Date corrected: 0  Version of correction: 2.1

How to recreate:

Problem number: 836  Priority: 3  Status: 4  Date reported: 70282
Reported by: John Proulx

Problem: Subsystem: UTILITIES  In version: 2.0
ERROR PS7 AT @797 in subs when running 'Convert to/from TC'.
(Files not opened correctly.)

Fix:  Fixed in Release 2.1

Assigned to: ART  Date corrected: 0  Version of correction: 2.1

How to recreate:

   6. Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 837 Priority 3 Status 4 Date reported 70282
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Report using alternate file prints records out of order.
(File is probably messed up.)
(File was converted from an IDEAS1 data file.)

Fix: IDS2PRX3 LINE 1725.
See bug number 848 for complete fix.
Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 838 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
When running a report, $F()$ is re-dimensioned in IDS2PRX4 at
LINE 1635. May sometimes crash in subroutines at @556 if not
re-dimensioned to correct length.

Fix: At beginning of LINE 1945 in IDS2PRX4 ADD M$1 REDIM $F(E9):ets.

Assigned to: ELT Date corrected: 70682 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 839 Priority 3 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
In generated report, length of report on LINE 1002 is always
1600.

Fix: IDS2PR05 LINES 1130 AND 1220.

Assigned to: ELT Date corrected: 92382 Version of correction: 2.1

How to recreate:

*****************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 840 Priority 2 Status 4 Date reported 70682
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
ERROR A04 in IDS2PRX3 - DEFPN '71 is called without RETURNS.

Fix: IDS2PRX3 LINES 1580 - 1616 CHANGED.

Assigned to: FHC Date corrected: 70182 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong operation - one too many.

Fix: IDS2PP19 LINES 3050, 3060 AND 3090.

Assigned to: TJB Date corrected: 70682 Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number 842 Priority 3 Status 4 Date reported 70182
Reported by: Saudi Telephone

Problem: Subsystem: UTILITIES In version: 2.0
TC file utilities - IDEAS TC files are not real WANG TC files. If record length is >80, other utilities (eg: 3741 utilities) may not handle them correctly.

Fix: Fixed in Release 2.1

Assigned to: AKI Date corrected: 0 Version of correction: 2.1

How to recreate:

******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 843 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
Documentation for read a record - if 'FILE # X' is used,
file name is blank in documentation.

Fix: Fixed in Release 2.1

Assigned to: CKW Date corrected: 0 Version of correction: 2.1

How to recreate:

*******************************************************************************

Problem number 844 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Record selection documentation -
PRINTS - A Description for A Garbage
B Description for B Garbage etc.

Fix: IDS2PR35 - LINES 1150,1230 (SOURCE)

Assigned to: TJB Date corrected: 92782 Version of correction: 2.1

How to recreate:

*******************************************************************************

Problem number 845 Priority 3 Status 4 Date reported 70882
Reported by: Small World Enterprise

Problem: Subsystem: SCREENS In version: 2.0
if screen is compressed, when it is revised, it may over-write
next file.

Fix: IDS2PS04 - LINE 1830 REM OUT DATA SAVE DA STATEMENTS (ALL THREE)

Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to recreate:

*******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
**Problem number 846** Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

Fix: IDS2P8X3 and IDS2P8X6 - LINE 1472 ADD F6$(2)="Y"

Assigned to: TJB Date corrected: 71382 Version of correction: 2.1

How to recreate:

******************************************************************************

**Problem number 847** Priority 3 Status 4 Date reported 71282
Reported by: Small World Enterprise

Problem: Subsystem: REPORTS In version: 2.0
Documentation for 'Read a record' crashes in IDS2P832 at
LINE 1010 at STR(C9$,VAL...)

Fix: Fixed in Release 2.1

Assigned to: CKW Date corrected: 0 Version of correction: 2.1

How to recreate:

******************************************************************************

**Problem number 848** Priority 2 Status 4 Date reported 71482
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
If sort work file uses more than one block of keys, report
prints all records, then re-prints records from second bucket
in sort work file.

Fix: IDS2P8X4 LINE 1725 (compressed). After IF F7+8>=... statement,
ADD : ELSE STR(E3$,1992)=STR(E2$,1992). Also MAT SEARCH US$(),)$=STR(E1

Assigned to: TJB Date corrected: 71682 Version of correction: 2.1

How to recreate:

******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 849 Priority 3 Status 5 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS     In version: 2.0
If no disks are available when creating a sort work file, HEX(FF)'s appear in field for disk address, and system beeps continuously.

Fix: IDS2PBX4 has been changed to check disk several times, and print an error message if no disks are available.
Assigned to: TJB Date corrected: 81182 Version of correction: 2.1

How to recreate:

***************************************************************************************

Problem number 851 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS     In version: 2.0
When printing report, Crashes in IDS2PBX4 with ERROR P.34 at LINE @497. H is a six digit number.
(Note: Specifying sort criteria using 3 key specs)

Fix: IDS2PBX4 - LINE 1034 First statement:
      F5$=STR$(E$(),$1486,VAL$(STR...)) should be F5$=STR$(E$(),$1486,5).
Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

***************************************************************************************

Problem number 852 Priority 3 Status 4 Date reported 71682
Reported by: John Proulx

Problem: Subsystem: REPORTS     In version: 2.0
Same report as in BUG #851, if four sort keys are specified, report prints 18 blank records.

Fix: IDS2PBX4 - same as bug #851

Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

***************************************************************************************

       Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 854 Priority 3 Status 5 Date reported 80982
Reported by: Tracy Brown

Problem: Subsystem: PROGRAMS In version: 2.0
In 'Read a record' copy field to field or P/F I copy field to field, generated subroutine allows max. of 256 bytes for copy.

Fix: IDS2PR27 LINES 2130-2140 for 'Read a record'
IDS2PR15 LINES 1038-1070 for 'Copy' P/F.
Assigned to: TJB Date corrected: 81382 Version of correction: 2.1

How to recreate:

Problem number 855 Priority 3 Status 4 Date reported 72782
Reported by: John Kelly

Problem: Subsystem: REPORTS In version: 2.0
A report sorts correctly on vendor # (the key) or zip code, but not both.

Fix: Same as bug #851 -- fix is in IDS2PRX4 LINE 1034.
Assigned to: TJB Date corrected: 80982 Version of correction: 2.1

How to recreate:

Problem number 859 Priority 1 Status 4 Date reported 72182
Reported by: John Proulx

Problem: Subsystem: PROGRAMS In version: 2.0
Type c data file, changing key for record and re-saving, gives blank record when recalled.
NOTE: Using standard ACL program (that's the problem)

Fix: IDS2SUB4 - LINE 757 - AFTER GOSUB 768 ADD :V=K
LINE 830 - CHANGE F5=F3$ TO IF V=K THEN F5=F3$ ELSE F5=F3$
Assigned to: ELT Date corrected: 91082 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 1. Request 2. Obsolete
Problem number 860 Priority 3 Status 4 Date reported 80482
Reported by: Tracy Brown

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out to archived file.

Fix: IDSPRKS2 AND IDSPRKS3 - LINE 1227 -
SEI U=MAX(1, ...)
Assigned to: TJB Date corrected: 80582 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 861 Priority 3 Status 4 Date reported 80182
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: UTILITIES In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR '57

Fix: Same as bug #830. See fix there

Assigned to: FHC Date corrected: 62382 Version of correction: 2.1

How to recreate:

*****************************************************************************

Problem number 862 Priority 3 Status 4 Date reported 80982
Reported by: Greg Furnquist (CSS)

Problem: Subsystem: REPORTS In version: 2.0
Customer has a report which prints 1600 records; first 16 are out of sequence, rest seem to be OK.

Fix: Probably fixed with all our sort fixes

Assigned to: TJB Date corrected: 80182 Version of correction: 2.1

How to recreate:

*****************************************************************************

Other: 0. Misunderstanding 1. Request 8. Obsolete
Problem number 864 Priority 3 Status 4 Date reported 8/18/82
Reported by: NML (via AR1)

Problem: Subsystem: REPORTS In version: 2.0
'215' is sometimes in printer list and sometimes not. If it is not in the list, you cannot change the default (which is 215) to '215'.

Fix: IDS2PRXO LINE 1160 - $OPEN should branch to 1170 if not avail.

Assigned to: EJI Date corrected: 8/23/82 Version of correction: 2.1

How to recreate:

Problem number 866 Priority 3 Status 4 Date reported 8/18/82
Reported by: John Proulx

Problem: Subsystem: REPORTS In version: 2.0
Banner output on reports - sometimes prints garbage in record selection listing.

Fix: IDS2PRXO - LINES 1705,1725 (SOURCE)

Assigned to: EJI Date corrected: 9/2/82 Version of correction: 2.1

How to recreate:
Problem number 867 Priority 2 Status 5 Date reported 81682
Reported by: Harvey Dobbs (via CSS)

Problem: Subsystem: REPORTS In version: 2.0
Crashing at 497 with invalid pointers.
Occurs if SORT key contains type 7 field following a type 4 field.

Fix: IDS2P8X2 - LINE 1230 (SOURCE) or 1195 (COMPRESSED)
IF C3>0 THEN T=4 should be IF C3>0 AND T<4 THEN T=4
Assigned to: TJB Date corrected: 81682 Version of correction: 2.1

How to recreate:

Problem number 868 Priority 2 Status 5 Date reported 81582
Reported by: CSS

Problem: Subsystem: SCREENS In version: 2.0
If screen has been compressed, and then is revised so that output file requires more room, file which follows old screen file is overwritten.

Fix: IDS2P504 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.
Assigned to: ELT Date corrected: 81682 Version of correction: 2.1

How to recreate:

Problem number 869 Priority 3 Status 4 Date reported 81882
Reported by: Tracy J. Brown, Inc.

Problem: Subsystem: UTILITIES In version: 2.0
Application Install - Installing to a single diskette using a reference file. Utility creates two 170-sector scratched JUNK files on output diskette.

Fix: IDS2PUI8

Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 871 Priority 3 Status 4 Date reported 81882
Reported by: Wendy (CSS)

Problem: Subsystem: REPORTS In version: 2.0
record selection is specified based on a field from FILE # 2.
Position in generated code is incorrect (based on FILE # 1)

Fix: IDS2PRX21 LINE 1680 -- Change "1234567" TO "01234567"

Assigned to: ELI Date corrected: 92082 Version of correction: 2.1

How to recreate:

Problem number 872 Priority 3 Status 4 Date reported 82382
Reported by: ART Super Software, Inc

Problem: Subsystem: REPORTS In version: X27
IDS2PRX10 - "Printer not avail., press EXEC to continue". Pressed
EXEC and crashed with an S17 ERROR at LINE 1160 (SOURCE)

Fix: IDS2PRX10 - LINE 1220 (SOURCE) 2nd statement should be:
:ELSE STR(E$(1),I*3+1701,18,I*3)=$TR(E$(1),I*3+1704,15-I*3)

Assigned to: TJB Date corrected: 82382 Version of correction: 2.1

How to recreate:

Problem number 874 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: 2.0
TC Utilities - Bytes 46 and 47 of E1$( ) entry are not set up
correctly. In this case they should be HEX(0080) but are
HEX(0087)

Fix: IDS2PU005 AND IDS2PU007

Assigned to: AMI Date corrected: 90182 Version of correction: 2.1

How to recreate:

Problem number 875 Priority 3 Status 4 Date reported 82682
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: 2.0
Created IC file using x27 (internal rel.), coming back from IC -
Error message: IC file is damaged.

Fix: IDS2P008

Assigned to: ART Date corrected: 90182 Version of correction: 2.1

How to recreate:

Problem number 876 Priority 3 Status 4 Date reported 82482
Reported by: Alan Iischetter

Problem: Subsystem: REPORTS In version: 2.0
At execution time, message says 'Sorting is 100% done' then
another message says 'Sort file is full as if something is
wrong.

Fix: IDS2P8X4 CHANGE LINE 1810 (SOURCE) TO:
    IF F7<9 OR X=100 THEN RETURN

Assigned to: TJB Date corrected: 90382 Version of correction: 2.1

How to recreate:

Problem number 877 Priority 3 Status 4 Date reported 90882
Reported by: Greg Turnquist (CSS)

Problem: Subsystem: GLOBAL In version: 2.0
Date conversion to Julian does not take into account leap years.
(Dates greater than 2/29 will be off by one.)

Fix: IDS2SUB87 - LINE 3805 EXCHANGE IF B=5 ... WITH IF MOD(T,4)...

Assigned to: ELI Date corrected: 90982 Version of correction: 2.1

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 879  Priority: 3  Status: 4  Date reported: 90382  
Reported by: Jim Jeffrey (via TJB)

Problem: Subsystem: UTILITIES  In version: 2.0  
Utility to expand a data file does not expand the alternate files.

Fix:  Fixed as of Release X27.

Assigned to: ART  Date corrected: 102582  Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number: 881  Priority: 2  Status: 4  Date reported: 92082  
Reported by: Wendy MacGown (CSS)

Problem: Subsystem: UTILITIES  In version: 2.0  
BATCH SCREEN UPDATE: If associated data file is an alternate,  
IDS2PS61 Crashes at LINE 1270 with ERROR X75.  
(NOTE: STR(E$(),93,4) is all blanks.)

Fix:  IDS2PS61 - Moved CONVERT Statement on LINE 1270 TO LINE 1290.

Assigned to: JCT  Date corrected: 100582  Version of correction: 2.1

How to recreate:

******************************************************************************

Problem number: 882  Priority: 1  Status: 4  Date reported: 92082  
Reported by: Jim Jeffrey, NML, etc.

Problem: Subsystem: UTILITIES  In version: 2.0  
Release all records mangles data files.

Fix:  Fixed as of release X27.

Assigned to: JCT  Date corrected: 102082  Version of correction: 2.1  

How to recreate:

******************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 887 Priority 3 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: SCREENS In version: 2.0
After editing data files on first screen, skip back keys are
turned off for any other editing.

Fix: IDS2P501 (SOURCE) LINE 1735.

Assigned to: IJB Date corrected: 102182 Version of correction: X28

How to recreate:

Problem number 889 Priority 0 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: SYSTEM In version: 2.0
Last date used is never set upon entering system.
It should be set at date entry screen.

Fix: IDS2P002, IDS2P006, IDS2P1X1, IDS2P1X8.

Assigned to: IJB Date corrected: 102182 Version of correction: X28

How to recreate:

Problem number 889 Priority 2 Status 4 Date reported 100482
Reported by: Frank Carr

Problem: Subsystem: UTILITIES In version: X27
Cross-reference utility - IDS2P594 STOP AT LINE 1002.

Fix: IDS2P594 - Get rid of STOP AT LINE 1002.

Assigned to: CRW Date corrected: 100482 Version of correction: X28

How to recreate:

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 830 Priority 0 Status 4 Date reported 101482
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Application install crashes immediately on Disk D22 - ERR PS5 at LINE 87.

Fix: IDS2MOVSA

Assigned to: ART Date corrected: 101482 Version of correction: 2.1

How to recreate:

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Problem number 891 Priority 0 Status 4 Date reported 101482
Reported by: Tracy Brown

Problem: Subsystem: UTILITIES In version: X27
Data file conversion utility crashes in local mode - Subroutines are cleared out.

Fix: IDS2PCMN - Changed it to load IDS2PCO2 instead of IDS2PCO1.

Assigned to: ART Date corrected: 101482 Version of correction: X28

How to recreate:

**************************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete
************
* Wang 2200 IDEAS Report Generator *
* Report Title = "BUGRPT6 " *
* (Report of bugs with detailed fix) *
* Date = 11/16/82    User ID = UBG *
************

Record Range Criteria used in this report run:
Description Minimum Value Maximum Value
Problem number 300 9999

Record selection criteria used in this report run:
Version corrected="2.1 "
UK
Version corrected="X27 "

Record Sort Criteria used in this report run:
Problem number

IDEASE BUG LIST WITH FIX DETAILS
Problem number: 810  Priority: 3  Status: 4  Date reported: 5/27/82
Reference number:

Reported by: Chuck Wilson

Problem: Subsystem: MENU DRIVER  In version: 4.27
Application menus do not allow use of '31 unless explicitly specified.

How to recreate:

Problem resolution:

Date fixed: 0  In version: 2.1  R&D Contact: Ed Thibeault

Modules affected: IDS3M01

Description of problem resolution:

IDS3M01

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       6. Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number 811 Priority 3 Status 5 Date reported 5/27/82
Reported by: Chuck Wilson Reference number:

Problem: Subsystem: MENU DRIVER In version: X27
Does not allow use of '31 if cancel module is not specified.

How to recreate:

Problem resolution:
Date fixed: 10/1 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected:

Description of problem resolution:

*****************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 813  Priority: 2  Status: 4  Date reported: 5/7/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: GLOBAL  In version: X25
If a record is protected by another partition, error message
says "Record is in use by station number 10FILE." (Includes
last part of data file name.)

How to recreate:

Problem resolution:
Date fixed: 6/23/82  In version: 2.1  R&D Contact: Tracy Brown  X4566

Modules affected: IDS2SUB3

Description of problem resolution:

IDS2SUB3 LINE 760
After second statement: IF 0>0 OR J<=0 THEN 693
Add: EBS=" "

************
Other: 0. Misunderstanding  7. Request  8. Obsolete
**Problem number:** 815  **Priority:** 3  **Status:** 4  **Date reported:** 6/13/82

**Reported by:** Frank Carr  **Reference number:**

- **Problem:** Subsystem: EDITS  **In version:** X25
  Read a record: Set field equal to field -- does not allow reading from alternate file (not associated) and transferring to primary file (associated).

**How to recreate:**

**Problem resolution:**

**Date fixed:** 7/01/82  **In version:** 2.1  **R&D Contact:** Tracy Brown  **X4565**

**Modules affected:** 1052P93X  1052PP27

**Description of problem resolution:**

Fixed in Release 2.1


Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number: 818  Priority: 3  Status: 4  Date reported: 6/01/82
Reported by: Harb Kuyer (NML)  Reference number:

Problem: Subsystem: SCREENS  In version: X23
Screens no longer exclude duplicate field names.

How to recreate:

Problem resolution:
Date fixed: 6/04/82  In version: 2.1  R&D Contact: Tracy Brown  x4568

Modules affected: IDS2PS07

Description of problem resolution:

IDS2PS07 -- Additions for 'rename edits' skipped around test for
duplicate field names.

to fix: in LINE 2080, in third and fourth statements, references to
E and C should be same as refer to F0.

Third statement should be: STR(F0$18,8) = STR(E(1)$,9,8) XOR etc.

Fourth statement should be: IF VAL(......) AND POS(STR(F0$18,8),0) <......

Release 2.1 reads:

2080 IF VAL(STR(C3$,25)) > OANDSTR(E(1)$,9,8) > STR(C3$,9,8) THENSTR......
  ELSE STR(C3$,16) = (ALL(80)
  STR(F0$,8) = STR(E(1)$,9,8) XOR STR(C3$,9,8) AND ALL (7F)
  IF VAL(STR(C3$,25)) > OANDSTR(E(1)$,52,3) <" " 0" ANDPOS(STR(F0$,8),...
  ELSE GOTO 100
  STR(C3$,25) = H1N(1)

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       Other: 0. Misunderstanding  /  Request 8. Obsolete
Problem number: 820  Priority: 3  Status: 4  Date reported: 60482
Reported by: Chuck Wilson
Reference number:

Problem: Subsystem: SECURITY  In version: 2.0
if three successive invalid passwords are entered in an
application, program "RIP'S. User may then press RUN and system
will accept ID without password.

How to recreate:

Problem resolution:
Date fixed: 60482  In version: 2.1  R&D Contact: Tracy Brown  x45h6

Modules affected: IDS2PIX5

Description of problem resolution:

IDS2PIX5 -- don't set R49 to ID that was entered until password
is entered.

Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number: X21  Priority: 3  Status: 4  Date reported: 11/16/82

Reported by: Harb Reyer (NML)  Reference number: 

Problem: Subsystem: PROGRAMS  In version: X23
Program compilation hangs up in loop.
Screen "NBS1/111", Program "1", Field "BLNKED" Edit #5.

How to recreate:

Problem resolution:
Date fixed: 10/20/82  In version: X28  R&D Contact: Alan Tegetbar X401

Modules affected:

Description of problem resolution:
Fixed as of Release X28.
Problem number: 822  Priority: 3  Status: 4  Data reported: 5/6/82
Reported by: Barn Kewer (NML)  Reference number:

Problem: Subsystem: SCREENS  In version: x23
Extra screen utilities -- "Delete screen" option does not
rename screen, only scratches.

How to recreate:

Problem resolution:

Date fixed: 0  In version: 2.1  R&D Contact: Tracy Brown  X4566

Modules affected:

Description of problem resolution:

********************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 824  Priority: 3  Status: S  Date reported: 6/6/82
Reported by: Chuck Wilson  Reference number:

Problem: Subsystem: EDITS  In version: 2.0
@TFIELD's are allowed in Math calculations for batch programs.

How to recreate:

Problem resolution:
Date fixed: 6/6/82  In version: 2.1  R&D Contact: Tracy Brown  X4568

Modules affected: 1062PS20

Description of problem resolution:

1062PS20 LINES 1121, 1140
Release 2.1 reads:

1121 GSUB68000
    MATSEARCHES($) = STR(E$, 8) TOPF$STEP8
    IF $#HEX(0000) THEN 1122
    IF CS$<>"R"ANDVER(E$, "@TFIELD#")=8THEN1050
    GOSUB 35("Invalid field name")
    GOTO 1069

Should be:

1121 GSUB68000
    MATSEARCHES($) = STR(E$, 8) TOPF$STEP8
    IF $#HEX(0000) THEN 1122
    IF POS("RB"=CS$)=0ANDVER(E$, "@TFIELD#")=8THEN1050  (changed)
    GOSUB 35("Invalid field name")
    GOTO 1069

******************************************************************************
Problem number: 825  Priority: 3  Status: 4  Date reported: 6/22/82
Reported by: NML (via ARl)
Reference number:

Problem: Subsystem: EDITS  In version: 2.0
If a user exit has been created but no longer exists on system
platter, $PS22$ displays error message, then crashes at $\#8$ with
$P=0$.

How to recreate:

Problem resolution:
Date fixed: $PS22$ in version: X27  R&D Contact: Alan Ischetter X4007
Modules affected: ID52PS22

Description of problem resolution:

In ID52PS22, at line 1141, add after the '$35(...)$', $P=13$
Release 2.1 reads:

1141 GUSUB '35("invalid user-coded program file name")$P=13$

Should be:

1141 GUSUB '35("invalid user-coded program file name")$P=13$

************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 826  Priority 3  Status 5  Date reported 6/26/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: DATA FILES  In version: v.0
Type 5 fields, right justify does not document correctly.

How to recreate:

Problem resolution:
Date fixed: 6/26/82  In version: v.1  R&D Contact: Tracy Brown

Modules affected:

Description of problem resolution:

-----------------------------------------------------------------------------------
Other: 0. Misunderstanding /, Request 8. Obsolete
Problem number: 328  Priority: 3  Status: 4  Date reported: 8/2/82
Reported by: Frank Carr  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
When editing report mask, if you cancel, mask lines are stored as changed, but fields are not.

How to recreate:

Problem resolution:
Date fixed: 8/27/82  In version: 2.1  R&D Contact: Tracy Brown  x4560

Modules affected: JDS2PR03

Description of problem resolution:

JDS2PR03 - Can no longer cancel from mask.
Problem number: 830  Priority: 3  Status: 4  Date reported: 6/23/82
Reported by: Alan Ischter  Reference number:

Problem: Subsystem: UTILITIES  in version: 2.0
File dump utility - FRK 557 in USDP2UC0 at LINE 1690.

How to recreate:

Problem resolution:
Date fixed: 8/23/82  in version: 2.1  R&D Contact: FHC
Modules affected: USDP2UC0

Description of problem resolution:

USDP2UC0 - LINE 1680 (COMPRESSED) change third statement to:
  ROTATEC(STR(E4$()),P),2)

Release 2.0 - 1680 IF J7=0 THEN1/00
  : FURP=J6*Z+110J6*Z+J7
  : ROTATEC(STR(E4$()),P,J6*Z+J7+1-C)+1,J6*Z+J7+2),-2
  : NEXTP

Should be - 1680 IF J7=0 THEN1/00
  : FURP=J6*Z+1110J6*Z+J7
  : ROTATEC(STR(E4$()),P),-2)
  : NEXTP

--------------------------------------------

Problem number: 831 Priority: 2 Status: 4 Date reported: 6/24/82
Reported by: Frank Carr (Colgate) Reference number:

Problem: Subsystem: REPORTS in version: 2.0
IDS2PRX3 crashes with EMK A04 because of repeated calls to
DEFUN '71 w/o RETURN statements. Caused by repeated independent
record reads during report operations.

How to recreate:

Problem resolution:
Date fixed: 6/28/82 in version: 2.1 R&D Contact: FHC

Modules affected: IDS2PRX3

Description of problem resolution:
IDS2PRX3 -- fixes are listed on bug report.
See listing on problem 840.

*****************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 832 Priority 3 Status 5 Date reported 11/16/82
Reported by: Small World Enterprise Reference number:

- Problem: Subsystem: REPORTS In version: 2.0
  Documentation for field type - type 1 fields are shown as type 2

How to recreate:

Problem resolution:
Date fixed: 6/23/82 In version: 2.1 R&D Contact: Tracy Brown x4546

Modules affected: IDS2PR32

Description of problem resolution:

IDS2PR32 LINE 1540 (COMPRESSED):
Release 2.0 reads:
  1540 CONV2INTVAL(STR(....

... : J1$=STR(00$,6)ANDHEX(50)
 : IFVAL(J1$)THENSTR(E$,48,1)="2"
 : ELSEIF J1$=HEX(10)THENSTR(E$,48,1)="1"
 : ELSEIF J1$=HEX(00)THENSTR(E$,48,1)="0"
 : IFMOD(STR(J0$,3)),4)THENSTR(E$,50,1)="Y"
 : ELSESTR(E$,50,1)="" (rest of statement)

Should be:
  1540 CONV2INTVAL(STR(....

... : J1$=STR(00$,6)ANDHEX(50)
 : STR(E$,48,1)="2" <changed>
 : IFJ1$=HEX(10)THENSTR(E$,48,1)="1" <changed>
 : IFJ1$=HEX(00)THENSTR(E$,48,1)="0" <changed>
 (rest of statement)

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 838
Priority: 3
Status: 4
Date reported: 62892
Reported by: Small World Enterprise
Reference number:

Problem:
Subsystem: REPORTS
In version: 2.0
Documentation for reports - does not document spec. for level
for each operation (ie- perform only if LEVEL>=x)

How to recreate:

Problem resolution:
Date fixed: 92082
In version: 2.1
R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:

******************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 334  Priority: 3  Status: 4  Date reported: 6/28/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
First operation specified is performed only if LEVEL = P.
Generated code reads: 2000 IF J7< 13 THEN 2001: etc.
Operation is not performed.

How to recreate:

Problem resolution:
Date fixed: 9/28/82  In version: 2.1  R&D Contact: Ed Thibeauit

Modules affected: 1052PRX4

Description of problem resolution:

Fixed in Release 2.1.

**************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 835 Priority 3 Status 5 Date reported 7/8/82
Reported by: Harvey Dobbs Reference number:

Problem: Subsystem: SCREENS In version: 2.0
Screens allow duplicate field names.

How to recreate:

Problem resolution:
Date fixed: 10/22/82 in version: 2.1 R&D Contact: Tracy Brown

Modules affected: JDS2PS07

Description of problem resolution:
Same as bug #318 - see fix listed there.

*****************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 836  Priority: 3  Status: 4  Date reported: 7028c
Reported by: John Proulx  Reference number:

Problem: Subsystem: UTILITIES  In version: 2.0
ERROR PSY AT $797 in subs when running 'Convert to/from TC'.
(Files not opened correctly.)

How to recreate:

Problem resolution:
Date fixed: 10158c  In version: x28  R&D Contact: Alan Schetter x4207
Modules affected: 1D32400S  1D324007

Description of problem resolution:
Fix is too long to explain. Simply acquire the above modules.

******************************************************************************
Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number: 837  Priority: 3  Status: 4  Date reported: 7/30/82
Reported by: John Proulx  Reference number: 

- Problem: Subsystem: REPORTS  In version: 2.0
  Report using alternate file prints records out of order.
  (File is probably messed up.)
  (File was converted from an IDEAS1 data file.)

How to recreate:

Problem resolution:
Date fixed: 7/13/82  In version: 2.1  R&D Contact: Tracy Brown  X45664

Modules affected: 1052PBX4

Description of problem resolution:

1052PBX4 LINE 1725.
Should be:

1725 MAT RE DIM E2$(J3),E3$(J8),E3$(J8)$2
  : MAT SURF(E2$(J8),E3$(J8))
  : MAT RE DIM E3$(J8),E8
  : MAT MUL E3$(J8),E8$2
  : MAT RE DIM E3(E8)$1,E3(250)$3,E3$24(24)$3
  : IF E3$24=E3$24 AND STR(E3$(J8),1,992,HEX(0))
  : ELSE STR(E3$(J8),1,992)=STR(E3$(J8),1,992)  <new statement>
  : DATA SAVE 1A #06,(F7,F7,E3$(J8))
  : IF VAL(STR(E3$(J8),1,992))<99 THEN 1785
  : MAT SEARCHD$(J8)$1=STR(E$(J8),D3) TO F3$STEP J6  <change>

******************************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number: 838 Priority: 3 Status: 4 Date reported: 7/06/82
Reported by: Small World Enterprise Reference number:

Problem: Subsystem: REPORTS In version: 2.0
When running a report, F$() is re-dimensioned in T052PRX4 at LINE 1635. May sometimes crash in subroutines at &556 if not re-dimensioned to correct length.

How to recreate:

Problem resolution:
Date fixed: 7/06/82 In version: 2.1 R&D Contact: Ed Thibeault
Modules affected: T052PRX4

Description of problem resolution:

At beginning of LINE 1945 in T052PRX4 ADD MAT REDIM F$() in: etc.
Release 2.1 reads:
  1945 UN JGCUU 1865 ,1915
  : RETURN
Should be:
  1945 MAT REDIM F$() in: etc.
  : UN JGCUU 1865 ,1915
  : RETURN

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 839  Priority: 3  Status: 4  Date reported: 10/83
Reported by: Small World Enterprises  Reference number:

* Problem: Subsystem: REPORTS  In version: 2.0
In generated report, length of report on LINE 1002 is always 1600.

How to recreate:

Problem resolution:
Date fixed: 11/18/83  In version: 2.1  R&D Contact: Ed Thibeault

Modules affected: IDSEPROS

Description of problem resolution:

IDSEPROS LINES 1130 AND 1220.
Problem number 840 Priority 2 Status 4 Date reported 7/08/82
Reported by: Small World Enterprises Reference number:

* Problem: Subsystem: REPORTS In version: d.0
  ERROR A04 in IDS2PRX3 - DEFN '71 is called without RETURN.

How to recreate:

Problem resolution:
Date fixed: 7/01/82 in version: d.1 R&D Contact: HHC

Modules affected: IDS2PRX3

Description of problem resolution:

IDS2PRX3 LINES 1580 - 1616 CHANGED.
Release d.0 reads:
1580 DEFN '71
  FOR I=1 TO 0
  : CONVERT STR(E$(1),INT(VAL(STR(E$(1),2),2)/16),VAL(E$(I))); IF (
  : ERROR F(I)=0
1600 NEXT I
  : GOTO 1680
Should be:
1580 GUSUB '71
  : GOTO 1680
1582 DEFN '71
  : FOR I=1 TO 0
  : CONVERT STR(E$(1),INT(VAL(STR(E$(1),2),2)/16),VAL(E$(I))); IF (
  : ERROR F(I)=0
1610 NEXT I
  : RETURN
Problem number 841 Priority 3 Status 4 Date reported 70682
Reported by: Harvey Dobbs Reference number:

Problem: Subsystem: BATCH In version: 2.0
Branch to an operation in reports and batch branches to wrong operation - one too many.

How to recreate:

Problem resolution:
Date fixed: 70682 in version: 2.1 R&D Contact: Tracy Brown X4566

Modules affected: IDSEPP19

Description of problem resolution:

IDSEPP19 LINES 3050, 3060 AND 3090.

Old statement: New statement:

3050...
3060 IF F$3)+HEX(0000) THEN...
3090 IF Q<250 THEN 3100
(rest of statement)

3050...
3060 IF F$3)+HEX(0000) THEN...
3090 IF Q<250 THEN 3100
(rest of statement)

3090... MAT SEARCH E2$("... 3090... MAT SEARCH E2$("...
Add new statement -- IF F$3)+HEX(0000) THEN Q=INT((VAL(F$3)+2)+K)/251
(rest of statement)
Problem number 842  Priority 3  Status 4  Date reported 7/16/82
Reported by: Saudi Telephone  Reference number:

- Problem: Subsystem: UTILITIES  In version: 2.0
  IC file utilities - IDEAS IC files are not real WANG IC files.
  if record length is >80, other utilities (eg- 3741 utilities)
  may not handle them correctly.

How to recreate:

Problem resolution:
Date fixed: 10/15/82  In version: 5.0  H&B Contact: Alan Fesheter 7/4/82

Modules affected: All IC mods

Description of problem resolution:

The diskette of IC fixes given to ISS contains fixes. Modules
1ID2P005-1ID2P014 and 1ID2S005 and 1ID2S007 are needed.

*****************************************

Other: 0. Misunderstanding 1. Request 8. Obsolete
Problem number 843  Priority 3  Status 4  Date reported 7/16/84
reported by: Small World Enterprise  Reference number:

Problem: Subsystem: SCREENS  In version: 2.0
Documentation for read a record - if 'FILE # X' is used,
file name is blank in documentation.

How to recreate:

Problem resolution:
Date fixed: 0 in version: 2.1  R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:
Fixed in Release 2.1

******************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number 444  Priority 3  Status 4  Date reported 11/16/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
Record selection documentation:
PRINTS - A Description for A Garbage
B Description for B Garbage  etc.

How to recreate:

Problem resolution:
Date fixed: 12/12  In version: 2.1  R&D Contact: Tracy Brown

Modules affected: IDS2PR35

Description of problem resolution:

IDS2PR35 - LINES 1150, 1350 (SOURCE)

Problem number 845  Priority 3  Status 4  Date reported 7/13/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: SCREENS  In version: 2.0
If screen is compressed, when it is revised, it may over-write
next file.

How to recreate:

Problem resolution:
Date fixed: 9/11/82  In version: 2.1  R&D Contact: Tracy Brown  #456

Modules affected: IDSEP504

Description of problem resolution:

IDSEP504 - Line 1830 REM UI: DATA SAVE DA STATEMENTS (ALL THREE)
Release 2.0 reads:

1830 GUSUB '71
    : DATA SAVE DA #11, (U,X)E$(
    : DATA SAVE DA #11, (U,X)E$(
    : DATA SAVE DA #11, (X,X)E$(
    : GUSUB 2010
    : S=2

Should be:
1830 GUSUB '71
    : GUSUB 2010
    : S=2

*****************************************************************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 846 Priority 3 Status 4 Date reported 11/3/82
Reported by: Small World Enterprises Reference number:

Problem: Subsystem: REPORTS In version: 2.0
System flag 1 is not set until after first record is read.
Operation conditional on this flag are not performed.

How to recreate:

Problem resolution:
Date fixed: 11/3/82 in version: 2.1 R&D Contact: Tracy Brown

Modules affected: 1053PRX3 1052PRX6

Description of problem resolution:

1053PRX3 - LINE 1455 ADD $62= "Y"
1052PRX6 - LINE 1450 ADD $62= "Y"

e.g.: 1053PRX3 - 1455 $62=STR(I$(),C4)

J=SGN(D5)
I=VAL(STR(E$I$(C8),12))
$62="Y"   <<new line>>
IF D6=2 THEN GOSUB '67(C8,E$7,0)
ELSE GOSUB '59(... etc.
(rest of statement
Problem number: 847  Priority: 3  Status: 4  Date reported: 7/28/82
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
Documentation for 'Read a record' crashes in IDSSPS32 at
LINE 1010 at STR(CYS,VAL...)

How to recreate:

Problem resolution:
Date fixed: 0  in version: 2.1  R&D Contact: Chuck Wilson

Modules affected:

Description of problem resolution:

Fixed in Release 2.1

******************************************************************************
Other: 0. Misunderstanding 1. Request 8. Obsolete
**Problem number**: 842  **Priority**: 2  **Status**: 4  **Date reported**: 7/14/82  
**Reported by**: John Proulx  
**Reference number**: 

- **Problem**: Subsystem: REPURIS  
  In version: 2.0  
  If sort work file uses more than one block of keys, report prints all records, then re-prints records from second bucket in sort work file.

**How to recreate:**

**Problem resolution:**  
**Date fixed**: 7/16/82  
**In version**: 2.1  
**R&D Contact**: Tracy Brown  
**Modules affected**: IDSMBX4

**Description of problem resolution:**

IDSMBX4 LINE 1725 (compressed). After IF F7+B>=..., statement:  
- Add: ELSE STR(E3$(),1992)=STR(E2$(),1992)

Also, change last statement on LINE 1725:  
- Old statement: MAT SEARCH U$(),>=STR(E2$(), ...  
- New statement: MAT SEARCH U$(),>=STR(E3$(), ...,  

Should be:  
1725 MAT RE DIM E2$(J8),E3$(J8),E3$(J8)  
: MAT SUKE2$(J8),E2$(J8),E3$(J8)  
: MAT RE DIM E3$(J8),E3$(J8)  
: MAT MOVE E2$(,),E3$(,) TO E3$(,)  
: MAT RE DIM E3$(J8),E3$(J8)  
: IF F7+B>=J9 THEN STR(E3$(),1992)=HEX(00)  
: ELSE STR(E3$(),1992)=STR(E2$(),1992)  
: DATA SAVE DA 1#D6,(F7,F7),E3$()  
: IF VAL(STR(E2$(),1992))<9 THEN 1785  
: MAT SEARCH U$(),>=STR(E3$(),D3) TO F9#STEP J6  

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Problem number: 843  Priority: 3  Status: 5  Date reported: 7/16/82
Reported by: John Proulx  Reference number:

Problem: Subsystem: HEPUK18  In version: 2.0
If no disks are available when creating a sort work file, HEX(FF)'s appear in field for disk address, and system beeps continuously.

How to recreate:

Problem resolution:
Date fixed: 8/11/82  In version: 2.1  R&D Contact: Tracy Brown  X4566

Modules affected: IDSDBX2

Description of problem resolution:
IDSDBX2 has been changed to check disk several times, and print an error message if no disks are available.
Problem number: 851  Priority: 3  Status: 4  Date reported: 7/16/82
Reported by: John Proulx  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
When printing report, crashes in IDS2PRX4 with ERRHRT 114 at
LINE 457. H is a six digit number.
(NOTE: Specifying sort criteria using 3 key specs)

How to recreate:

Problem resolution:
Date fixed: 8/30/82  In version: 2.1  RRD Contact: Tracy Brown  X4504

Modules affected: IDS2PRX4

Description of problem resolution:

IDS2PRX4 - LINE 1034  First statement:
F5$=STR(E$,1486,VAL(STR...)) should be F5$=STR(E$,1486,1).  
Release 2.0 - 1034  F5$=STR(E$,1486,VAL(STR(E$,151)),48)
    E$="ABCD"  
    ELSEJ0, J3=0
Should be- 1034  F5$=STR(E$,1486,1)
    E$="ABCD"
    ELSEJ0, J3=0

Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number: 852  Priority: 3  Status: 4  Date reported: 7/16/82
Reported by: John Proulx
Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
Same report as in BUG #851, if four sort keys are specified, report prints 18 blank records.

How to recreate:

Problem resolution:
Date fixed: 8/03/82  In version: 2.1  R&D Contact: Tracy Brown
Modules affected: IDSDPBX4

Description of problem resolution:

IDSDPBX4 - same as bug #851
(See detailed description of fix provided there)
Problem number: 854  Priority: 3  Status: 5  Date reported: 11/16/84
Reported by: Tracy Brown
Reference number:

- Problem: Subsystem: PROGRAMS in version: 2.0
  in 'Read a record' copy field to field or F/F 1 copy field to
  field, generated subroutine allows max. of 256 bytes for copy.

How to recreate:

Problem resolution:
Date fixed: 81/30 in version: 2.1  R&D Contact: Tracy Brown

Modules affected: I05APP7  I05APP15

Description of problem resolution:

I05APP7 LINES 2130-2140 for 'Read a record'
I05APP15 LINES 1038-1070 for 'Copy' P/F.

Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number 855 Priority 3 Status 4 Date reported 11/16/82
Reported by: John Kelly Reference number:

Problem: Subsystem: REPORTS in version: 2.0
A report sorts correctly on vendor # (the key) or zip code, but not both.

How to recreate:

Problem resolution:
Date fixed: 12/24/82 in version: 2.1 R&D Contact: Tracy Brown

Modules affected: JDSREPORT

Description of problem resolution:

Same as bug #851 -- fix is in JDSREPORT LINE 1034.
(See detailed description of fix provided there)
Problem number 859  Priority 1  Status 4  Date reported 7/21/82
Reported by: John Proulx  Reference number:

* Problem: Subsystem: PROGRAMS  In version: 2.0
  Type c data file. Changing key for record and re-saving, gives
  blank record when recalled.
* NOTE: Using standard ACU program (that's the problem)

How to recreate:

Problem resolution:
Date fixed: 9/10/82  In version: 2.1  R&D Contact: Ed Thibeault

Modules affected: JD52SUB4

Description of problem resolution:

JD52SUB4 = LINE 797 - AFTER GSUB 768 ADD :V=K
  : LINE 820 - CHANGE F$5=F$3 TO IF V=K THEN F$5=F$3 ELSE F$5=F$3
  Should be:
  0797 IF J>0 THEN F$5=STR(E$(),J,EN 2(13))
     : GSUB 0797
     : V=K
     : IF MOD(T,4)>0 THEN F$5,F$5=STR(F1$(K),EN P(0))
     (rest of statement)
  0830 IF J>0 AND E4$()<>F1$(V)OR J=3 THEN GSUB 0635
     : X=SGN(PUSH(HEX(0205)=STR(E1$(V),12)))+1
     : IF J>0 AND E4$()<>F1$(V)OR J=3 THEN GSUB 0635
     : IF 0=0 THEN 0853
     : IF V=K THEN F$5=F$3
     : ELSE F$5=F$3

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Other:  0. Misunderstanding  1. Request  2. Obsolete
Problem number: 360 Priority: 3 Status: 4 Date reported: 8043E
Reported by: Tracy Brown Reference number:

Problem: Subsystem: REPORTS In version: 2.0
Archiving of reports does not copy all lines of mask out in archived file.

How to recreate:

Problem resolution:
Date fixed: 8055E In version: 2.1 R&D Contact: Tracy Brown

Modules affected: 1052PR3 1052PR53

Description of problem resolution:

1052PR3 Line 1220 and 1052PR53 - Line 1225
...... \[T = \text{ABS}(\text{INIT}(...)
..... J = \text{ABS}(\text{INIT}(...)
\text{U} = \text{MAX}(1, \text{ABS}(\text{INIT}(-9.0/2.49))))

( newData portion of statement)

(end of statement in 1052PR3, rest of statement in 1052PR53)

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Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 861  Priority: 3  Status: 4  Date reported: 80182
Reported by: Greg Furnquist (CSS)  Reference number:

Problem: Subsystem: UTILITIES  In version: 2.0
Crashing in record dump utility at LINE 1680 with ERR 257

How to recreate:

Problem resolution:
Date fixed: 62382  In version: 2.1  R&D Contact: FHC

Modules affected: IDSEP000

Description of problem resolution:

Same as bug #830. See fix there
Problem number: 80382  Priority: 3  Status: 4  Date reported: 80382
Reported by: Greg Turnquist (CSS)  Reference number:

Problem: Subsystem: REPUKTS  in version: 2.0
Customer has a report which prints 1600 records, first 16 are out of sequence, rest seem to be OK.

How to recreate:

Problem resolution:
Date fixed: X018e  in version: 2.1  R&D Contact: Tracy Brown

Modules affected: IDS2PRX4  IDS2PRX3  IDS2PRX4

Description of problem resolution:

Probably fixed with all our sort fixes

******************************************************************************
Other: 0. Misunderstanding  /  Request  8. Obsolete
Problem number: 863  Priority: 3  Status: 4  Date reported: 10/30/90
Reported by: Small World Enterprise  Reference number:

Problem: Subsystem: REPORTS  in version: 2.0
  Indirect copy in reports does not work.

How to recreate:

Problem resolution:
Date fixed: 11/10/92  in version: 2.1  R&D Contact: Tracy Brown

Modules affected: IDS2SUB1  IDS2PPF15

Description of problem resolution:

   IDS2PPF15 Line 2000:
  2000 E4$()=E4$()&HEX($A)&"43(..."
   E4$()=E4$()&HEX($A)&"43(..."
   IF PLS("RS" = STR(R3$1,1,1)) > 0 THEN E4$()=E4$()&"E4$=E4$1)"&
   HEX($BA1) & "(20)" & HEX($BA)
   E4$()=E4$()&HEX("$A")&"CS(..."
   (Third statement is new)

0403 G=0  <new statement>
  : W=MIN(S,M)*3
  : GSUB U:69
  : A=N
  : UN GGUTU U:403

***************************************************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number: 864  Priority: 3  Status: 4  Date reported: 11/16/82
Reported by: NML (via AR1)  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
'215' is sometimes in printer list and sometimes not. If it is not in the list, you cannot change the default (which is 215) to 'cl5'.

How to recreate:

Problem resolution:
Date fixed: 12/30/82  In version: 2.1  R&D Contact: Ed Thibeault

Modules affected: ID50PRXO

Description of problem resolution:

ID50PRXO LINE 1160 - SUPEN should branch to 1170 if not avail.
Problem number 866 Priority 3 Status 4 Date reported 11/16/82
Reported by: John Proulx Reference number:

Problem: Subsystem: KERMIT In version: 2.0
Banner output on reports - sometimes prints garbage in record selection listing.

How to recreate:

Problem resolution:
Date fixed: 12/13/82 In version: 2.1 KBW Contact: Tracy Brown

Modules affected: IDSDMRX2

Description of problem resolution:

IDSDMRX2 - LINES 1705, 1725 (SOURCE)
Problem number: 867  Priority: 2  Status: 5  Date reported: 11/6/82  
Reported by: Harvey Dobbs (via CSS)  Reference number: 

Problem: Subsystem: REPORTS  in version: 2.0  
Crashing at 49% with invalid pointers.  
Occurs if SUI key contains type 7 field following a type 4 field.

How to recreate:

Problem resolution:

Date fixed: 11/6/82  in version: 2.1  R&D Contact: Tracy Brown  
Modules affected: 1052PBX2

Description of problem resolution:

1052PBX2 - LINE 1195 (COMPRESSED), 9th statement--

IF C3>0 THEN I=4 should be IF C3>0 AND I<4 THEN I=4  
Should be:

1195 L=LEN(STR(E1$(C1),1))/S6  
E1$(2)=STR(F5$,8)&""6""STR(E1$(VAL(STR(E1$(C1),10)),21),10,2)&""08""STR(E1$(C1),15)  
STR(E1$(7),28,15)=ALL (00)  
FOR I=1 TO 5  
IF E1$(1485+1)="" THEN I=60  
E1=STR(E1$(I),160C+(VAL(E1$(1485+1))-65)*6,6)  
L=VAL(STR(E1$,3))  
I=INT(MOD(VAL(F5$,2),16)/2)  
IF C3>0 AND I<4 THEN I=4  
IF C4>0 THEN I=7  
IF I<4 THEN C2=C2+1

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Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 868 Priority 2 Status 5 Date reported 815KD
Reported by: CSS Reference number: 001235

Problem: Subsystem: SCREENS
In version: 2.0
If screen has been compressed, and then is revised so that
output file requires more room, file which follows old screen
file is overwritten.

How to recreate:

Problem resolution:
Date fixed: 81682 In version: 2.1 R&D Contact: Ed Thibeault

Modules affected: IDS2PS04

Description of problem resolution:

IDS2PS04 LINES 1840-1860 (SOURCE), LINE 1830 (COMPRESSED)
ELIMINATE ALL THREE DATA SAVE DA STATEMENTS.

Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 869  Priority: 3  Status: 4  Date reported: 8/13/82
Reported by: Tracy J. Brown, Inc.  Reference number:

Problem: Subsystem: UTILITIES    In version: 2.0
Application install - installing to a single diskette using a reference file. Utility creates two 176-sector scratched JUNK files on output diskette.

How to recreate:

Problem resolution:
Date fixed: 9/13/82  in version: 2.1  R&D Contact: Alan Ischetter  x4007

Modules affected: IDS2PUL8

Description of problem resolution:

IDS2PUL8

-------------------------------------------------------------------------------------
Other:  0. Misunderstanding  1. Request  2. Obsolete
Problem number: 871 Priority: 3 Status: 4 Date reported: 8/12/82
Reported by: Wendy (CSS) Reference number:

* Problem: Subsystem: REPORTS In version: 2.0
  record selection is specified based on a field from FILE # 2.
  Position in generated code is incorrect (based on FILE # 1)

How to recreate:

Problem resolution:
Date fixed: 9/4/82 in version: 2.1 R&D Contact: Ed Thibault

Modules affected: 1DS2PK21

Description of problem resolution:

1DS2PK21 LINE 1630 -- Change "1234567" to "01234567"
1630 DEFN'Y(I)
   IF E$ = "V" THEN 1780
   M=PLUS("ABCDDEFGHJKLMN0"=E$(I))
   CONVERT PLUS( "01234567"=E$(871+M)) -1+INT(VAL(STR(E$(I),1538+M))
   CONVERT VAL(STR(E$(I),1538+M)) PUT$(#,##) (rest of statement)
Problem number: 872  Priority: 3  Status: 4  Date reported: 8/3/82
Reported by: ART Super Software, Inc  Reference number:

Problem: Subsystem: REPORTS  in version: X27
ID2PRXO - "Printer not available, press EXEC to continue". Pressed
EXEC and crashed with an 817 ERROR at LINE 1160 (SOURCE)

How to recreate:

Problem resolution:
Date fixed: 8/3/82 in version: 2.1  R&D Contact: Tracy Brown  X4566

Modules affected: ID2PRXO

Description of problem resolution:

ID2PRXO - LINE 1480 -
1480 IF I=5 THEN GOSUB 45 (1480 "")
:ELSE STR(S$),1*3+1701,18+1*3)=STR$(E$,1*3+1704,15-1*3)
:ENDIF
:GOTO 1440

*******************************************************************************

Other:  0. Misunderstanding  1. Request  8. Obsolete
Problem number: 874  Priority: 3  Status: 4  Date reported: 8/9/82
Reported by: Tracy Brown  Reference number: 

Problem: Subsystem: UTILITIES  In version: 2.0
10 Utilities - RYTES 46 and 47 of E1$() entry are not set up correctly. In this case they should be HEX(0080) but are HEX(0087).

How to recreate:

Problem resolution:
Date fixed: 9/18/82  In version: xcb  RMU Contact: Alan Ischetter x4007

Modules affected: 1052FU05  1052PU07

Description of problem resolution:

Fix is long. Acquire 1052FU05 and 1052PU07.
Problem number 575 Priority 3 Status 4 Date reported 8/26/82
Reported by: Tracy Brown
Reference number:

Problem: Subsystem: UTILITIES in version: x27
Created FC file using x27 (internal rel.), coming back from FC.
Error message: FC file is damaged.

How to recreate:

Problem resolution:
Date fixed: 9/1/82 in version: 2.1
R&D Contact: Alan Kemerer x4007

Modules affected: IDSP24008

Description of problem resolution:

IDSP24008

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Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 876  Priority: 3 Status: 4  Date reported: 8/24/82
Reported by: Alan Ischetter  Reference number:

Problem: Subsystem: REPORTS  In version: 2.0
At execution time, message says 'Sorting is 100% done' then another message says 'Sort file is full as if something is wrong.

How to recreate:

Problem resolution:
Date fixed: 9/30/82  In version: 2.1  R&D Contact: Tracy Brown

Modules affected: ID52P8X4

Description of problem resolution:

ID52P8X4 CHANGE LINE 1785 IN RELEASE 2.0, LAST STATEMENT SHOULD BE:
IF F7<.39 OR X=100 THEN RETURN

*******************************
Other:  0. Misunderstanding  1. Request  8. Obsolete
Problem number 877  Priority 3  Status 4  Date reported 30/9/82
Reported by: Greg Turnquist (CSS)  Reference number:

Problem: Subsystem: GLOBAL  In version: 2.0
Date conversion to Julian does not take into account leap years.
(Dates greater than 2/29 will be off by one.)

How to recreate:

Problem resolution:
Date fixed: 30/9/82  In version: 2.1  R&D Contact: Ed Thibeault

Modules affected: IDS2SUB

Description of problem resolution:

IDS2SUB - LINE 3805 EXCHANGE IF R=4... WITH IF MOD(T,4)...
Should be:

3805 H=1
THEN =INT(T/365.25)
R,R=0 INT(365.25*(T-1))-365
I=MOD(I,100)
IF R=5 THEN D=1*1E3+R
IF MOD(T,4)=UAND R>5 THEN R=R-1
CONVERT D1U E3, (####)
F=-B1N(R,d)
M=M+1 SEARCH(ER4<(4),=STR(F3E,d)) IF F3S STEP 15
M=M+1 IF R=9
IF M>1 THEN R=R-VAL(STR(ER4+(M-1),4),2)
CONVERT M1U ER4, (##)
IF R<5 THEN R=R-STR(ER4+(M),3)
Problem number 8/9 Priority 3 Status 4 Date reported 9/14/82
Reported by: Jim Jeffrey (via IJB) Reference number:

Problem: Subsystem: UTILITIES in version: 2.0
Utility to expand a data file does not expand the alternate
files.

How to recreate:

Problem resolution:
Date fixed: 10/25/82 in version: 2.1 KBU Contact: Alan Seifert 250-111

Modules affected:

Description of problem resolution:
- Fixed as of Release 2.1.
Problem number 881  Priority 2  Status 4  Date reported 7/1/78
Reported by: Wendy Mccown (CSS)  Reference number:

Problem: Subsystem: UTILITIES  In version: 2.0
BATCH SCREEN UPDATE: If associated data file is an alternate.
IDS2PS61 Crashes at LINE 1270 with ERROR X'75'.
(NOTE: STR(E$,93,4) is all blanks.)

How to recreate:

Problem resolution:
Date fixed: 10/05/78 in version: 2.1  R&D Contact: Joel Haunton X4545

Modules affected: IDS2PS61

Description of problem resolution:

IDS2PS61 - Move CONVERT STR(E$,93,4) statement on line 1270 to LINE
1290, inserting above E$ = STR(E$,499)
Release 2.0 reads:
  1270 CONVERT STR(E$(10,110,1)) TO X
    : CONVERT STR(E$(93,4) TO F7
    : IF X = 5 THEN 1290
    : F$ = STR(E$,82,8)
    : GOTO 1290
  1290 E$ = STR(E$,499)
    : MAT RE DIM E$(P49) 6
    (rest of statement)
Should be:
  1270 CONVERT STR(E$(10,110,1)) TO X
    : IF X = 5 THEN 1290
    : F$ = STR(E$(82,8)
    : GOTO 1290
  1290 CONVERT STR(E$(93,4) TO F7
    : E$(110) = STR(E$(499)
    : MAT RE DIM E$(P49) 6
    (rest of statement)
Problem number: 882  Priority: 1  Status: 4  Date reported: 4/20/82
Reported by: Jim Jeffrey, NML, etc.  Reference number:

Problem: Subsystem: UTILITIES  In version: 2.0
Release all records mangles data files.

How to recreate:

Problem resolution:
Date fixed: 10/20/82  in version: 2.1  R&D Contact: Joel Faunton  x4321

Modules affected:

Description of problem resolution:

Fixed as of release Xd/. Line 1350 reads Y=A+(J1-J)*D+C4+(J2-J)*E. Preceding "C4" you must insert "J1*", so that this reads J1*A4. Make the same change in line 1420.
Release 2.0 reads:

    6. Other:  0. Misunderstanding  1. Request  8. Obsolete
Problem number 887 Priority 3 Status 4 Date reported 10/04/82
Reported by: Frank Carr Reference number:

Problem: Subsystem: SCREENS In version: 2.0
After editing data files on first screen, skip back keys are turned off for any other editing.

How to recreate:

Problem resolution:
Date fixed: 10/1/82 In version: 2.0
M&R Contact: Tracy Brown

Modules affected: IDS2PS01

Description of problem resolution:

IDS2PS01 (SOURCE) LINE 1735.
1730 GOSUB '63("EXEC=Accept EDI","F=Modify top boxes "1-7=Files "
"14=Attributes "31=Cancel",""")
: STR(F6$(1),12,2)="YY"<new statement>
: GOSUB '34(950)
: IF U=33 THEN J2=1
: IF U=33 THEN 1610
: IF U>0 AND U<8 THEN 1630
: IF U>7 AND U<15 THEN 1640
: IF U=31 THEN LuaD1#2,"IDS2MS01"1000 ,
: IF U>32 THEN 1730
: ELSE U=J2
: PACK (#####)E$=NUMF1()
Problem number 288  Priority 0  Status 4  Date reported 10/4/82
Reported by: Frank Carr  Reference number:

Problem: Subsystem: SYSTEM  In version: 2.0
Last date used is never set upon entering system.
it should be set at date entry screen.

How to recreate:

Problem resolution:
Date fixed: 10/21/82  In version: x28  R&D Contact: Tracy Brown  X4566

Modules affected: IDSXFO002  IDSXFO06  IDSXPIX1  IDSXPIX8

Description of problem resolution:
IDSXFO002, IDSXFO06, IDSXPIX1, IDSXPIX8.

******************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 889  Priority: 2  Status: 4  Date reported: 10/4/82
Reported by: Frank Carr
Reference number:

Problem: Subsystem: UTILITIES  in version: 127
Cross-reference utility - IDSSPS94 STOP AT LINE 1002.

How to recreate:

Problem resolution:
Date fixed: 10/4/82  in version: 128  R&D Contact: Chuck Wilson

Modules affected: IDSSPS94

Description of problem resolution:
IDSSPS94 - Get rid of STOP AT LINE 1002.

Other: 0. Misunderstanding / 0. Request / 0. Obsolete
Problem number: 830  Priority: 0  Status: 4  Date reported: 10/14/82
Reported by: Tracy Brown  Reference number:

Problem: Subsystem: UTILITIES  In version: 3.2
Application install crashes immediately on Disk D22 - FRK R55
at LINE 87.

How to recreate:

Problem resolution:
Date fixed: 10/14/82  In version: 3.1  R&D Contact: Alan Ischetter X4007

Modules affected: J052MUVA

Description of problem resolution:

J052MUVA

******************************************************************************
    6. Other:  U. Misunderstanding  J. Request  O. Obsolete
Problem number 891 Priority 0 Status 4 Date reported 10/14/82
Reported by: Tracy Brown Reference number:

Problem: Subsystem: UTILITIES In version: X27
Data file conversion utility crashes in local mode - Subroutines are cleared out.

How to recreate:

Problem resolution:
Date fixed: 10/14/82 In version: X28 RKU Contact: Alan Eschetter X4007

Modules affected: IDSEPOMN IDSEPCC01

Description of problem resolution:

The IDEAS generated module IDSEPOMN was revised so that it loads IDSEPCC02 instead of IDSEPCC04. IDSEPCC01 was eliminated.
Problem number: 834  Priority: 3  Status: 5  Date reported: 10/10/82

Reference number:

Problem: Subsystem: DATA FILES  In version: 2.0
IDSDM-10 ERR P56 @ LINE 1450. Type 1 data file with only one key field.

How to recreate:

Problem resolution:
Date fixed: 10/20/82  In version: 2.1  RRU Contact: Tracy Brown

Modules affected: IDSDM-09  IDSDM-10

Description of problem resolution:

IDSDM-09, IDSDM-10

Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem: Subsystem: UTILITIES In version: 2.1
File dump utility - ERR P34 in IDS2PU20.

How to recreate:

Problem resolution:
Date fixed: 122082 In version: 2.2

Modules affected: IDS2PU17

Description of problem resolution:

IDS2PU17 LINE 1010 (COMPRESSED) - add fifth statement
IDS2PU17 LINE 1270 (COMPRESSED) - delete third statement
1010 IF F6$(17)=""THEN SELECT @PART"IDS2SUB4"
   : COM D0,D1,D2,D3,D4,D5,D6,D7,D8,D9,D1$(254)1,D3$8,D2$32
   : D3$,F2$,E$=STR(E$(,),2,8)
   : D2=SGN(VAL(E$(422)))+SGN(VAL(E$(425)))+SGN(VAL(E$(428)))+SGN(E$(431)))+SGN(VAL(E$(434)))
   : D1=VAL(E$(413))  [new statement]
   : INIT (00)D1$()
   : FOR I=1TO D2
   : STR(D1$((),I,1)=STR(E$(,),419+3*I,1)
   : NEXT I
   : D2$,FO$=STR(E$(,),22,32)
1270 H=H+INT((POS(-STR(E2$(,),275,128)[20]-1)/8)+1
   : UNPACK (###)STR(E2$(,),405,2)TO DO
   : REM DI=VAL(E2$(413))  [get rid of this statement]
   : D3=0
   : MAT RE DIM E2$(332)6
   : FOR I=1TO INT((POS(-STR(E2$(,),499)[00]-1)/6)+1
   : [rest of statement]
COMPLETE DATA ON REPORTED IDEAS BUGS

Date: 03/14/83 Page: 2

Problem: Subsystem: REPORTS In version: 2.1
Generated report program - last sector is generated without
HEX(FF) leading to ERROR D88 when program is loaded.

How to recreate:

Sample report is included.

Problem resolution:

Date fixed: 122082 In version: 2.2

Modules affected: IDS2PP06 IDS2PR19

Description of problem resolution:

IDS2PP06 AND IDS2PR19 LINE 2030 (COMPRESSED)
Complete fix is shown for IDS2PR19.
Same fix should be made to IDS2PP06.
Release 2.1 reads:

2030 IF F8$()=HEX(20FE)THEN 2060
   : IF POS(F8$()=FE)[244 THEN 2050
   : F8$(1)=HEX(00)
   : STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
   : DATA SAVE BA T#3,(E4,E4)F8$()
   : F8$()=HEX(20FF)
   : GOTO 2060

Should read:

2030 IF F8$()=HEX(20FE)THEN 2060
   : IF POS(F8$()=FE)[240 THEN 2050
   : F8$(1)=HEX(00)
   : STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
   : DATA SAVE BA T#3,(E4,E4)F8$()
   : F8$()=HEX(20FF)
   : GOTO 2060

[change this statement]
Problem: Subsystem: REPORTS     In version: 2.1
Report documentation for operations - ERROR P37 in IDS2PR36
LINE 1520.

How to recreate:

Problem resolution:
Date fixed: 122082  In version: 2.2

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36
Add the following statement at LINE 1005:
1005 IF FG$(17)="THEN SELECT @PART""IDS2SUBM"
Problem: Subsystem: PROGRAMS
In version: 2.1
Compiling a program. If existing program file is too small,
system hangs in infinite loop when trying to scratch and rename
old program file. (Looping in program IDS2PP31)

How to recreate:

Problem resolution:
Date fixed: 122082 In version: 2.2

Modules affected: IDS2PP31

Description of problem resolution:

    IDS2PP31
    IDS2PP31 ADD LINE 2060
    2020 F5$=E9$(POS(" P R B"=STR(R3$(1),6,1)))
       : LIMITS T#4,F5$,A,B,C,D
       : Y=D
       : IF Y[ ] THEN 2070
       : S=E4-E3+1
       : SAVE T#4,(S-1)F5$1000 ,1000
       : ERROR GOSUB '38(132,""
       : P6$(11)="N"
       : GOSUB '34(250)
       : GOTO 2300
    2060 GOTO 2020 [add this statement after LINE 2020]
Problem: Subsystem: REPORTS  In version: 2.1
Documentation - Printing 'Printer not available...' in place of edit type.

How to recreate:

Problem resolution:
Date fixed: 121682  In version: 2.2

Modules affected: IDS2PR36

Description of problem resolution:

IDS2PR36
IDS2PR36 LINES 1360-1430 AND 1470 CHANGE REFERENCES TO E$ TO FO$
For example, Line 1370 in Rel 2.1 reads:
1370 E$="set field(s)"
: F9$="37"
: GOTO 1660
It should be:
1370 FO$="set field(s)"
: F9$="37"
: GOTO 1660
LINE 1470 should read:
1470 F5$="IDS2PS"&F9$
: CONVERT VAL(E$(78))-31TO F9$,(##)
: E4$()="Operation "&HEX(22)&STR(E$(15,8)&HEX(22)&" ("&F9$&") "
& FO$
: EO$()=HEX(01)
: D6=D6+1
[rest of statement]
Problem: Subsystem: EDITS In version: 2.1

Documentation for Table lookup/replace sometimes prints in expanded print and hangs up.

How to recreate:

Problem resolution:
Date fixed: 10282 In version: 2.2

Modules affected:

Description of problem resolution:

IDS2PS35
IDS2PS35 LINE 1010 AND 2110 COMPRESSED
LINE 1010 and 2110 - add statements as noted below:

1010 IF F6$(17)["":"THEN SELECT @PART""IDS2SUBM"
    : E$,F0$=" "
    : F5$=STR(E$,98)
    : IF F5$[]""THEN 1030
    : GOSUB '48(0,"No look-up field - use the same replace table elem
    nt as last table look-up",0)
    : E$=" "
    : GOSUB 3320
    : E$ = " "
          [add this statement]
    : GOTO 2000

2110 X=INT(L/MAX(C4,C0))
    : Z=MAX(C4,C0)
    : FOR J=1TO X
    : E$=STR(F$(,),J*Y-Y+1,Y)
    : IF VAL(E0$())+Y[80THEN 2140
    : GOSUB 3320
    : E$=STR(F$(,),J*Y-Y+1,Y)
          [add this statement]
Problem: Subsystem: REPORTS  In version: 2.1
Reports - fix put into Rel. 2.1 causes first line of second page
to be printed at bottom of first page, and so on throughout
report.

How to  Report has lines per page = 50, 43 actual lines per page
recreate: followed by 8 line feeds after last line. (Also happens w/ 43 l/p

Problem resolution:
Date fixed:  21183  In version: 2.2

Modules affected: IDS2PRX4

Description of problem resolution:

IDS2PRX4
IDS2PRX4 LINE 1690 reads in Release 2.1:
  1690 A=1
  IF C2=1THEN UNPACK (#$)STR(E$,6)TO A
  B=INT(A/10)
  A=MOD(A,10)
  STR(E$($)),1)=BIN(LEN(E$($))
  IF F6+B+1+A]F2AND C2=1AND F2]THEN A=MAX(0,F2-F6-B-1)
  E66=BIN(X)
  MAT SEARCHE2$()[8,F3],=STR(E$,5,1)TO E4$()STEP 9
  Y=0
Change sixth statement to:
  IF F6+B+1+A]F2AND C2=1AND F2]THEN A=MAX(0,F2-F6-B)
(get rid of -1 at end of statement)
Problem: Subsystem: UTILITIES          In version: 2.1
Convert to TC file - if data file and control file are in
different disks, field names entered under record selection
are not recognized.

How to recreate:

Problem resolution:
Date fixed: 30383 In version: 2.2

Modules affected: IDS2PU05

Description of problem resolution:

IDS2PU05
LINE 1890 AND 1900 change references to variable J6 to C7
(one reference in each line)
e.g. - 1890 should be:
1890 REM %VALIDATE FIELD
  : MAT RE DIM E3$(24)83
  : DATA LOAD DA T#C7,(C9+8)E3$("
  : [change J6 to C7 as shown]
  : MAT SEARCHE3$("),=STR(E$,8) TO D1$ STEP 8
  : IF D1$HEX(0000) THEN 1900
  : F=F-1
  : GOSUB '38(34,STR(E$,8))
  : REM Field # does not exist. Please re-enter
  : RETURN
Problem: Subsystem: GLOBAL        In version: 2.1
Numeric keys which pack to HEX(FFFF) are not found by
sequential processing.

How to recreate:

Problem resolution:
Date fixed: 31183 In version: 2.2

Modules affected: IDS2SUB8

Description of problem resolution:

IDS2SUB8
Release 2.1 reads:
3940 E$=STR(E3$(1),FN J(0),O)&BIN(H,2)&P9$
  : IF POS(STR(E$,L)[FF])THEN 3948
  : DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45)))+8+8*VAL(E3$))EO$(
  : P9$=SUB CHEX(09)
  : Q=2
  : GOSUB '73
  : ON QGOTO 3948

It should be:
3940 E$=STR(E3$(1),FN J(0),O)&BIN(H,2)&P9$
  : IF POS(STR(E$,L)[FF])THEN 3948
  : DATA LOAD DA T#D,(H-VAL(STR(E1$(V),45)))+8+8*VAL(E3$))EO$(
  : P9$=SUB CHEX(09) SUBCBIN(E) [change this statement]
  : Q=2
  : GOSUB '73
  : ON QGOTO 3948
Problem number 934 Priority 3 Status 5 Date reported 41583
Reported by: H.J.L., via ART Reference number:

Problem: Subsystem: TC utilities In version: 2.1
When bringing records back from a TC file to a type three file
only the first of a set of records with duplicate keys gets moved.

How to recreate:

Problem resolution:
Date fixed: 41583 In version: D22

Modules affected: IDS2PLU08

Description of problem resolution:

1290 REM WRITE TO IDEAS2 FILE (This is the new code, statement 3)
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(EI$(C3),12,1)=HEX(03) THEN 1291
: STR(D$(,),C4)=STR(F$(,),C4)
: GOSUB 1300
: F6$(14)="N"
: GOSUB '41(C1$,D2$(,),5)
: F=0
: IF G>0 THEN GOSUB 1320
: IF F=1 THEN RETURN *** See bug number 939 for change here ***
: STR(F$(,),C4)=STR(D$(,),C4)

1291 GOSUB '42(C1$,0) (This is a new line; always write type 3 rec)
: RETURN

*****************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 935  Priority: 1  Status: 5  Date reported: 41983
Reported by: HJL, via ART  Reference number:

Problem: Subsystem: TC Utilities  In version: 2.1
When making a TC file, if the last IDEAS record has just caused a TC sector to be written, then this last TC sector will be overwritten with control characters and spaces, and lost.

How to recreate:

Problem resolution:
Date fixed: 41983  In version: 2.2

Modules affected: IDS2PU06

Description of problem resolution:

In IDS2PU06, line 1200, make the D2=0 test the first test by moving
IF D2=0 THEN 1240 so that it's the second statement, as below.

1200 D4=INT((C4*D6-1)/240)+D7
 : IF D2=0 THEN 1240  ***** This should be here instead of later
 : IF D2<180 THEN 1210  because later it never gets executed
 : IF D2<160 THEN 1220
 : STR(EZ$(i),165,1)=BIN(D2-160)
 : STR(EZ$(i),2,1)=BIN(6+D2)
 : GOTO 1230.

*******************************************************************************

Other: 0. Misunderstanding  7. Request  8. Obsolete
Problem number 936 Priority 1 Status 5 Date reported 42283
Reported by: ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1
Sometimes completely blank records are moved to the TC file, which causes the TC record count to be larger than the IDEAS file record count, and causes problems moving records from the

How to recreate:

Problem resolution:
Date fixed: 42283 In version: 2.2

Modules affected: IDS2PUO6

Description of problem resolution:

OLD:
1030 GOSUB '62(C1$,1,0)
  : IF G=0 THEN 1170
  : IF J4>J5 THEN 1160
  : IF J4=J5 AND C4>240 THEN 1160
  : IF F$(C4)<" " THEN GOSUB 1040 *** This statement changes ***
  : IF STR(E6$(V), VAL(STR(E1$(V),24)))>C9$(2) THEN 1170
  : GOTO 1030

NEW:
1030 GOSUB '62(C1$,1,0)
  : IF G=0 THEN 1170
  : IF J4>J5 THEN 1160
  : IF J4=J5 AND C4>240 THEN 1160
  : IF STR(F$(C4)<" " THEN GOSUB 1040 *** New statement ***
  : IF STR(E6$(V), VAL(STR(E1$(V),24)))>C9$(2) THEN 1170
  : GOTO 1030

This insures that only the record itself (length C4) is tested as to whether or not it is blank.

************************************************************************************************************

Other: 0. Misunderstanding 7. Request 8. Obsolete


Problem number: 938  Priority: 1  Status: 5  Date reported: 42283
Reported by: HJL, via ART

Problem: Subsystem: TC Utilities  In version: 2.1
Conversion from TC will crash with a PS6 if there is more than
one alternate file.

How to recreate:

Problem resolution:
Date fixed: 42283  In version: 2.2

Modules affected: IDS2PU14

Description of problem resolution:

OLD:

3000 REM %GET H, E, AND C
: MAT SEARCHSTR(D$(1),275,128),=HEX(202020202020202020)TO D1%STEP 56
: D4=1+(VAL(D1%,2)+55)/56  ** This and the above line change **
: IF D4=-1THEN D4=16
: REM # OF VOLS + ALTS
: CONVERT STR(D$(1),217,1)TO H
: H=H+D4.

NEW:

3000 REM %GET H, E, AND C
: MAT SEARCHSTR(D$(1),275,128),=HEX(202020202020202020)TO D1%STEP 8
: D4=-1+(VAL(D1%,2)+7)/8  * This and the above line have changed *
: IF D4=-1THEN D4=16
: REM # OF VOLS + ALTS
: CONVERT STR(D$(1),217,1)TO H
: H=H+D4

*******************************************************************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number 939 Priority 1 Status 5 Date reported 4/22/83
Reported by: HJL, via ART Reference number:

Problem: Subsystem: TC Utilities In version: 2.1
When moving records from a TC file to an IDEAS file if one
chooses the option to choose to not overwrite some existing
records then those records will be left protected in the IDEAS f

How to recreate:

Problem resolution:
Date fixed: 4/22/83 In version: 2.2

Modules affected: ID52PU08

Description of problem resolution:

OLD:
1290 REM %WRITE TO IDEAS2 FILE
    : REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
    : IF STR(E1$(C3),12,1) = $HEX(03) THEN 1291
    : STR(D$(C4),C4) = STR(F$(C4),C4)
    : GOSUB 1300
    : F6$(14) = "N"
    : GOSUB "41(C1$(D2$(C4),5)
    : F = 0
    : IF G > 0 THEN GOSUB 1320
    : IF F = 1 THEN RETURN ****** change to IF F = 1 THEN 1291 ******
    : STR(F$(C4),C4) = STR(D$(C4),C4)

*******************************************************************************
Other: 0. Misunderstanding 7. Request 8. Obsolete
Problem number: 940  Priority: 1  Status: 5  Date reported: 42783
Reported by: ART
Reference number:

Problem:
Subsystem: Batch progs  In version: 2.1
If a "Copy Batch Program" fails and one must cancel, in some
cases a subsequent "Batch Program Revision" can cause sectors
25-33 of the disk index to be overwritten.

How to recreate:

Problem resolution:
Date fixed: 42783  In version: 2.2

Modules affected: ID$2PR23

Description of problem resolution:

OLD:

1010 IF F6$(17)<"x" THEN SELECT @PART"ID$2SUBM"
  C9$=E9$(10)
  PRINT HEX(OF);AT(15,6);BOX(1,67);" Please enter the new file na
  e for the copied ";
  IF C5$="R" THEN PRINT "report mask"
  ELSE PRINT "program"
  STR(E2$(2),7,1)=HEX(80)
  IF F6$(11)="N") **** Add this statement to disable cancel ****
  GOSUB '34(2)
  IF VAL(E6$)=31 THEN 1510)*Add this statement to branch on cancel*
  IF E$<" " THEN 1070
  GOSUB '35("Required field - You must enter a value")
  GOTO 1050

Add the same statement ( IF VAL(E6$)=31 THEN 1510 ) immediately after
the '34 calls on lines 1090 and 1105.

   Other:  0. Misunderstanding  7. Request  8. Obsolete
Problem number: 941  Priority: 1  Status: 5  Date reported: 51383
Reported by: Shaw, via Lee, via ART  Reference number:

Problem: Subsystem: TC utilities  In version: 2.1
The IDEAS-to-TC utility did a find first > HEX(00), which causes SUBB to skip keys of field type 5 or 6 which start with numerics and find the first record with a key with alpha characters.

How to: Actually, SUBB should be fixed so that it works as one would recreate: expect.

Problem resolution:
Date fixed: 51383  In version: 2.2

Modules affected: IDS2PU05

Description of problem resolution:

1400 : IF C$$(1)=""THEN C$$(1)=ALL (00) ** Remove this statement **
: IF C$$(2)=""THEN C$$(2)=ALL (FF)
: MAT RE DIM E$$$(249)8
: IF F6$$(17)<HEX(60) THEN 1410
: F0$="ID62SUB1ID62SUB2ID62SUB3ID62SUB4ID62SUB5ID62SUB6ID62SUBID62SUBLID
: 2PU06=" LOAD T#2,<8>F0$

*****************************************************************************
Other:  0. Misunderstanding  7. Request  8. Obsolete
COMPLETE DATA ON REPORTED IDEAS BUGS  

Date: 04/08/83  Page: 10

Problem number: 943  Priority: 1  Status: 5  Date reported: 51383
Reported by: Shaw, via Lee, via ART  Reference number:

Problem: Subsystem: TC utilities  In version: 2.1
When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

How to recreate:

Problem resolution:
Date fixed: 51383  In version: 2.2
Modules affected: IDS2PUO8

Description of problem resolution:

1291 GOSUB '42(C1$,0)  
: IF G=OTHER GOSUB 1292  *** Add this statement ***
: RETURN

1292: J1=D4+1  * Add line 1292. Statement forces end of processing  ***
: F6$(14)="Y"  *** Turn error messages on ***
: GOSUB '38(168," ")  *** Display file full message ***
: KEYIN E6$
: IF E6$<HEX(IF)THEN 1292  *** Check for CANCEL key ***
: RETURN

**************************************************************************************************************************************************************************************************************

          0. Misunderstanding  7. Request  8. Obsolete
10. A problem that caused VERIFY to report nonexistent errors in alternate indexed files has been corrected. The change fixes the record length identifiers in work files to be sorted. (Informally reported.)

11. In the VS25 and VS45, @SYSSVC0 better handles dismount operations on 2270V4 diskette drives. As a result of this change, the software properly updates the maximum capacity information after a soft-sectored diskette is dismounted and ensures spool, work, paging, and secure status are not saved across IPLs for diskettes mounted on 2270V4 drives.

---

2200 IDEAS 2.1
FIXES
by 2200 R&D

Release 2.1 of IDEAS2 was released in January, with many enhancements and corrections. However, there have been a few problems peculiar to Release 2.1, and these have been addressed by the IDEAS2 development team. The following are 10 corrections that you should make to the code in Release 2.1 if you are having the problems indicated.

SUBSYSTEM: UTILITIES
File dump utility - ERR P34 in IDS2PU20.

Module Affected: IDS2PU17

Description of Problem Resolution
IDS2PU17 LINE 1010 (compressed) - add fifth statement
LINE 1270 (compressed) - delete third statement

1010 IF F6$(17)<"↑" THEN SELECT @PART"IDS2SUBM"

:COM D0, D1, D3, D4, D5, D6, D7, D8, D9, D1$(254)1, D3$:8, D2$:32
: D3$: F2$, E$=STR(E$(2, 2.8)
: D2$=SGN(VAL(E$(4222)))+SGN(VAL(E$(425)))+SGN(VAL(E$(428)))+SGN(E$(431))+SGN(VAL(E$(434)))
: D1$=VAL(E$(413))
: INIT (00)$D1$(
: FORI=1 TO D2
: STR(D1$((), I, 1)=STR(E$(0), 419+3*I, 1)
: NEXT I
: D2$, FO$=STR(E$(0), 22, 32)

1270 H=H+INT([POS(-STR(E2$((), 275, 128)<20)-1)/8)+1
: UNPACK (##=#) str(E2$((), 405, 2) TO DO
: REM D1$=VAL(E2$(413)) [delete this statement]
: D3$=0
: MAT RE DIM E2$(332)6
: FOR I=1 TO INT([POS(-STR(E2$((), 499)[1]00)-1)/6)+1
(rest of statement)
SUBSYSTEM: REPORTS
Generated report program - the last sector is generated without HEX(FF) leading to ERROR D88 when the program is loaded.

Modules affected: IDS2PP07, IDS2PR19

Description of Problem Resolution
IDS2PP06 and IDS2PR19 line 2030 (compressed)
Complete fix is shown for IDS2PR19
Same fix should be made to IDS2PP06

Release 2.1 reads:

2030 IF F8$()=HEX(20FE) THEN 2060
    :IF POS(F8$()=FE)<244 THEN 2050 [Change this statement]
    :F8$(1)=HEX(00)
    :STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
    :DATA SAVE BA T#3,(E4,E4)F8$()
    :F8$()=HEX(20FF)
    :GOTO 2060

It should read:

2030 IF F8$()=HEX(20FE) THEN 2060
    :IF POS(F8$()=FE)<239 THEN 2050 [to this]
    :F8$(1)=HEX(00)
    :STR(F8$(),POS(F8$()=FE))=HEX(0D0000FD)
    :DATA SAVE BA T#3,(E4,#4)F8$()
    :F8$()=HEX(20FF)
    :GOTO 2060

SUBSYSTEM: REPORTS
Report documentation for operations - ERROR P37 in IDS2PR36 line 1520

Module affected: IDS2PR36

Description of Problem Resolution
IDS2PR36 - add the following statement at Line 1005:

1005 IF F6$(17)<"^"THEN SELECT @PART"IDS2SUBM"
SUBSYSTEM: PROGRAMS
Compiling a program. If the existing program file is too small, the system hangs in an infinite loop when it tries to scratch and rename an old program file. (Looping in program IDS2PP31)

Module affected: IDS2PP31

Description of Problem Resolution
IDS2PP31 — add LINE 2060

2020 F5$=E9$(POS("PB"=STR(R3$(1),6,1)))
 :LIMITS T#4,F5$,A,B,C,D
 :Y=D
 :IF Y <> 0 THEN 2070
 :S=E4-E3+1
 :SAVE T#4,(S-1)F5$1000,1000
 :ERROR GOSUB '38(132,"*")'
 :F6$(11)="N"
 :GOSUB '34(250)
 :GOTO 2300

2060 GOTO 2020 [add this statement after LINE 2020]

SUBSYSTEM: REPORTS
Documentation — Printing "printer not available..." in place of edit type

Module affected: IDS2PR36

Description of Problem Resolution
IDS2PR36 — in lines 1360-1430 and 1470 change references to E$ to F0$
For example, line 1370 in release 2.1 reads:
1370 E$="set field(s)"
 :F9$="37"
 :GOTO 1660

It should read:
1370 F0$="set fields(s)"
 :F9$="37"
 :GOTO 1660

Line 1470 should read:
1470 F5$="IDS2PS"&F9$
 :CONVERT VAL (E$(78))-31TO F$(,"#")
 :E4$(")="OPERATION "&HEX(22)&STR(E$(,),15,8)&HEX(22)&"("&F9$&")"
 &F0$
 :EO$(")=HEX(01)
 :D6=D6+1
(rest of statement)
SUBSYSTEM: EDITS
Documentation for Table lookup/replace sometimes prints in expanded print and hangs up

Module affected: IDS2PS35

Description of Problem Resolution
IDS2PS35 LINE 1010 and 2110 (compressed)
Line 1010 and 2110 - add statements as noted below:

1010 IF F6$<17>="" THEN SELECT @PART"IDS2SUBM"
    :E$=FO$="
    :F5$=STR(E$(,),98)
    :GOSUB '48O(,"No look-up field - use the same replace table element as last table lookup",0)
    :E$=""
    :GOSUB 3320
    :E$=""
    :GOTO 2000

    (Add this statement)

2110 X=INT(L/MAX(C4,C0))
    :Z=MAX(C4,C0)
    :For J=1TO X
    :E$=STR(F$(,),J*Y-Y+1,Y)
    :IF VAL (EO$())+Y< 80 THEN 2140
    :GOSUB 3320
    :E$=STR(F$(,),J*Y-Y+1,Y)
    :GOTO 2000

SUBSYSTEM: REPORTS
Reports - the fix put into Release 2.1 causes the first line of the second page to be printed at the bottom of the first page, and so on throughout the report

How to recreate: Report has lines per page = 50, 43 actual lines per page followed by 8 line feeds after last line. (This also happens with 43 lines per page.)

Module affected: IDS2PRX4

Description of Problem Resolution
IDS2PRX4 LINE 1690 reads in Release 2.1:

1690 A=1
    :IF C2=1 THEN UNPACK (##)STR(E$,6) to A
    :B=INT(A/10)
    :A=MOD(A,10)
    :STR(EO$(,),1)=BIN(LEN(EO$()))
    :IF F6+B+1+A> F2AND C2=1AND F2>OTHER
    :A=MAX(0,F2-F6-B-1)
    :E6$=BIN(X)
    :MAT SEARCH2$(<8,F3>,STR(E$,5,1)) to E4$(,)STEP 9
    :Y=0
Change sixth statement to:

IF F6+B+1+A> F2AND C2=1AND F2>0 THEN A=MAX(0,F2-F6-B)

(remove -1 at end of statement)

SUBSYSTEM: UTILITIES
Convert to TC file - if the data file and control file are in different disks, field names entered under record selection are not recognized

Module affected: IDS2PU05

Description of Problem Resolution
IDS2PU05 LINE 1890 and 1900 - change references to variable J6 to C7 (one reference in each line)
For example, 1890 should read:

1890 REM %VALIDATE FIELD
: MAT RE DIM E3$(24)83
: DATA LOAD DA T#C7, (C8+B)E3$(
  !! [change J6 to C7 as shown]
: MAT SEARCH E3$(,) , =STR(E$, ,8) TO D1$ STEP 8
: IF D1$>HEX(0000) THEN 1900
: F=F-1

(rest of statement)

SUBSYSTEM: GLOBAL
Numeric keys which pack to HEX(FFFF) are not found by sequential processing.

Modules affected: IDS2SUB8

Description of Problem Resolution
IDS2SUB8 Release 2.1 reads:

3940 E$=STR(E3$(,),FNJ(0),,O) & BIN(H,2) & F9$
: IF POS(STR(E$, ,L),< FF>)0 THEN 3948
: DATA LOAD DA T#D,(H-VAL(STR(E1$(V),,45)) + 8 + 8*VAL
(E3$(,))) EO$(
: F9$=SUBC HEX(09)
: Q=2
: GOSUB '73
: ON QGOTO 3948

It should be:

3940 E$=STR(E3$(,),FNJ(0),,O) & BIN(H,2) & F9$
: IF POS(STR(E$, ,L),< FF>)0 THEN 3948
 : DATA LOAD DA T#D,(H-VAL(STR(E1$(V),,45)) + 8 + 8*VAL(E3$(,)))EO$(
 : F9$=SUBC HEX(09) SUBC BIN(E) [change this statement]
 : Q=2
 : GOSUB '73
 : ON QGOTO 3948
SUBSYSTEM: UTILITIES
Conversion to TC Format misses records.

Module affected: IDS2PU06

Description of Problem Resolution
IDS2PU06 Line 1200 now reads:

1200 D4=INT((C4*D6-1)/240))+D7
   :IF D2<80 THEN 1210
   :IF D2<160 THEN 1220
   :IF D2=0 THEN 1240 (This should be the second statement)
(rest of statement)

It should be changed to:

1200 D4=INT((C4*D6-1)/240))+D7
   :IF D2=0 THEN 1240
   :IF D2<80 THEN 1210
   :IF D2<160 THEN 1220
(rest of statement)
background, however, the job cancels with unpredictable error messages.

REFERENCES
The VS EZQUERY Reference Manual (800-1129-02) containing Release 2.07.00 information will be available early in Quarter 1, Fiscal '84. It describes the use of EZQUERY and contains information about the changes and enhancements made in this release.

The Software Release Notice contains information about package contents, installation instructions, software corrections, installation and use of the demo package, and other related information.

The VS EZQUERY Data Sheet (800-2113-01) is also available.

A list of 10 problem corrections to IDEAS 2.1 was published in the May 30, 1983 issue of the FOCUS magazine. The following seven corrections are an addition to that list and should be made to the Release 2.1 code if you are having the problems indicated.

SUBSYSTEM: TC UTILITIES
When bringing records back from a TC file to a type three file, only the first record in a set of records with duplicate keys gets moved.

Module Affected: IDS2PU08

Description of Problem Resolution:

1290 REM %WRITE TO IDEAS2 FILE (This is the new code, statement 3)
   REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
   IF STR(E1$(C3),12,1)=HEX(03) THEN 1291
   STR(D$(,),C4)=STR(F$(,),C4)
   GOSUB 1300
   F6$(14)='N'
   GOSUB '41(C1$,D2$(,),.5)
   F=0
   IF Q 0 THEN GOSUB 1320
   IF F=1 THEN RETURN
   STR(F$(,),C4)=STR(D$(,),C4)

1291 GOSUB '42(C1$,0) [THIS IS A NEW LINE: ALWAYS WRITE TYPE 3 REC]
   RETURN
SUBSYSTEM: TC UTILITIES
Sometimes completely blank records are moved to the TC file, which causes the TC record count to be larger than the IDEAS file record count, and causes problems moving records from the TC file back to the IDEAS file.

Module Affected: IDS2PU06

Description of Problem Resolution:

OLD:
1030 GOSUB '62(C1$,1,0)
    : IF Q=0 THEN 1170
    : IF J4 J5 THEN 1160
    : IF J4=J5 AND C4 240 THEN 1160
    : IF F$(""") "" THEN GOSUB 1040
***ABOVE STATEMENT CHANGES***
    : IF STR(E6$(""),VAL(STR(E1$(C),24))) C9$(2) THEN 1170
    : GOTO 1030

NEW:
1030 GOSUB '62(C1$,1,0)
    : IF G=0 THEN 1170
    : IF J4 J5 THEN 1160
    : IF J4=J5 AND C4 240 THEN 1160
    : IF STR(F$(""),C4) "" THEN GOSUB 1040 ***NEW STATEMENT***
    : IF STR(E6$(""),VAL(STR(E1$(V),24))) C9$(2)THEN 1170
    : GOTO 1030

This ensures that only the record itself (length C4) is tested for whether or not it is blank.

SUBSYSTEM: TC UTILITIES
Conversion from TC will crash with a P56 error, if there is more than one alternate key file.

Module Affected: IDS2PU14

Description of Problem Resolution:

OLD:
3000 REM $GET H,E, AND G
    : MAT SEARCH STR(D$(""),275,128),HEX(20202020202020202020) TO D1$STEP 56 ***CHANGE THIS STMT AND THE NEXT***
    : D4=-1+(VAL(D1$)+55)/56
    : IF D4=-1THEN D4=16
    : REM # OF VOLS +ALTS
    : CONVERT STR(D$(""),217,1)TO H
    : H=H+D4
NEW:
3000 REM %GET H,E, AND G
: MAT SEARCHSTR(D$(),275,128),HEX(2020202020202020) TO D$STEP 8 ***These 2 statements have now changed***
: D4=-1+(VAL(D1$)+7)/8
: IF D4=-1 THEN D4=16
: REM # OF VOLS + ALTS
: CONVERT STR(D$(),217,1)TO H
: H=H+D4

SUBSYSTEM: TC UTILITIES
When moving records from a TC file to an IDEAS file, if you choose the option to not overwrite some existing records, those records will be left protected in the IDEAS file.

Module Affected: IDS2PU08

Description of Problem Resolution:

OLD:
1290 REM %WRITE TO IDEAS2 FILE
: REM IF FILE TYPE IS 3 THEN ALWAYS ADD RECORD
: IF STR(E1$$(C3),12,1)=HEX(03) THEN 1291
: STR(D$$(,C4)=STR(F$$(,C4)
: GOSUB 1300
: F6$(14)="N"
: GOSUBSUB 41(C1$$,D2$$(,5)
: F=0
: IF Q=0 THEN GOSUB 1320
: IF F=1 THEN RETURN *** should be IF F=1 THEN 1291***
: STR(F$$(,C4)=STR(D$$(,C4)

SUBSYSTEM: BATCH PROGRAMS
If a "Copy Batch Program" fails and you cancel it, in some cases a subsequent "Batch Program Revision" can cause sectors 25 through 33 of the disk index to be overwritten.

Module Affected: IDS2PR23

Description of Problem Resolution:

OLD:
1010 IF F6$(17) " " THEN SELECT
@PART"IDS2SUBM"
: C9$=E9$(30)
: PRINT HEX(OF);AT(15,6);BOX(1,67);"PLEASE ENTER THE NEW FILE NAME FOR THE COPIED";
: IF C5$="R" THEN PRINT"REPORT MASK"
: ELSE PRINT "PROGRAM"
: STR(E2$92),7,1)=HEX(80)
DATA PROCESSING

: F6$(11)="N" ***add this statement to disable cancel***
: 1050 GOSUB '#$'(2)
: IF VAL(E6$)=31 THEN 1510 *add this statement to branch on cancel*
: IF E$ " " THEN 1070
: GOSUB "35(""REQUIRED FIELD - YOU MUST ENTER A VALUE")"
: GOTO 1050
add the same statement (IF VAL(E6$)=31 THEN 1510) immediately after the '34 calls on lines 1090 and 1105

SUBSYSTEM: TC UTILITIES
The IDEAS-to-TC utility did a FIND FIRST greater than HEX(00), which causes SUB8 to skip keys of field type 5 or 6 that start with numerics and to: find the first record with a key that has alpha characters.

Module Affected: IDS2PU05

Description of Problem Resolution:

1400 IF C9$(1)=" "THEN C$(1)=ALL(00)*remove this statement*
: IF C9$(2)=" " THEN C9$(2)=ALL(FF)
: MAT REDIM E3$(249)8
: IF F6$(17) HEX(60) THEN 1410
: F0$="IDS2SUB1IDS2SUB2IDS2SUB3IDS2SUB4IDS2SUB5IDS2SUB6
IDS2LOCLID2PU06"
:LOAD T#2, 8 F0$

SUBSYSTEM: TC UTILITIES
When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

Module Affected: IDS2PU08

Description of Problem Resolution:

1291.GOSUB '42(C1$_.0)
: IF Q=THEN GOSUB 1292 ***add this statement***
: RETURN
1292 J1=D4+1 ***add line 1292. This statement forces end of processing.***
: F6$(14)="Y"***TURN ERROR MESSAGES ON***
: GOSUB '38(168,"") ***DISPLAY FILE FULL MESSAGE***
: KEYIN E6$
: IF E6$ HEX (1F) THEN 1292 *** check for cancel key***
:RETURN
Several problems with Release 2.1 of IDEAS2 have been addressed by the IDEAS2 development team. The following corrections should be made to the code in IDEAS2 Release 2.1 if you are having the problem indicated.

INTERACTIVE PROGRAMS

Problem: When compiling a program, if the existing program file is too small, IDEAS2 hangs in an infinite loop while trying to scratch and rename the old program file.
Circumvention: In module IDS2PP31, add a line 2060 that contains only the statement 'GO TO 2020'.

REPORTS

Problem: In a generated report program, the last sector is generated without a HEX(FF), leading to ERR D88 when the program is loaded.
Circumvention: In modules IDS2PP06 and IDS2PR19, the second statement on line 2030 is 'IF POS(F8$(C)=FE) < 244 THEN 2050'. Change the '244' in that statement (both modules) to '239'.

Problem: Report documentation for operations crashes with ERR P37 in IDS2PR36 line 1520.
Circumvention: In IDS2PR36, add line 1005 as follows:

```
1005 IF F6$(17) < "1" THEN SELECT @PART"IDS2SUBM"
```

Problem: Report documentation prints "printer not available..." in place of the edit type.
Circumvention: In IDS2PR36, lines 1370-1430 and 1470 change all E$ references to F0$. For example, line 1370 in Release 2.1 reads:

```
1370 ES="set field(s)" :F9$="37"
```

It should read:

```
1370 F0$="set fields(s)" :F9$="37"
```

GOTO 1660

NOTE: The two references to E$(C) in line 1470 should not be changed.

Problem: In a report, the first line of the second page is printed at the bottom of the first page, and so on throughout the report.
Circumvention: In IDS2PRX4, the sixth statement is 'IF F6+B+1+A ... THEN A=MAX(0,F2-F6-B-1)'. The last expression, 'F2-F6-B-1', should be changed to 'F2-F6-B' (remove -1 at the end of the statement).

(continued)
Problem: Document- tion for Table lookup/replace sometimes print: in expanded print and hangs up.
Circumvention: In module IDS2PS35, line 1010, add the statement 'ES="" after the GOSUB 3320. In line 2110, add the statement 'ES=STR(FS(),J+Y+1,Y)' after the GOSUB 3320.

BATCH PROGRAMS

Problem: If the "Copy a Batch Program" utility fails and you cancel back to the menu, in some cases a subsequent "Batch Program Revision" can cause sectors 25-33 of the disk index to be overwritten.
Circumvention: In IDS2PR23, insert the statement 'F6S(11)="N" as the last (seventh) statement on line 1010. Insert the statement 'IF VAL(ES)=31 THEN 1510' after the statement 'GOSUB 34...' on lines 1050, 1090, and 1105.

TC UTILITIES

Problem: The file dump utility crashes with ERR P34 in module IDS2PU20.
Circumvention: In module IDS2PU17, 'D1=VAL(ES(413))' is the third statement on line 1270. Delete it from that line and add it as the fifth statement on line 1010.

Problem: When converting an IDEAS2 file to TC format, if the data file and control file are on different disks, field names entered under the record selection criteria are not recognized.
Circumvention: In IDS2PU05, change all references to variable J6 in lines 1890 and 1900 to C7. For example, the second statement in 1890 and the first in 1900 should be changed to read 'DATA LOAD DA T#C7 ...'.

Problem: Conversion to TC Format misses records.
Circumvention: In IDS2PU06, the fourth statement in line 1200, 'IF D2=0 THEN 1240' should be the second statement.

Problem: Sometimes completely blank records are moved to the TC file, which causes the TC record count to be larger than the IDEAS file record count, and causes problems moving records from the TC file back to the IDEAS file.
Circumvention: In IDS2PU06, the fifth statement is 'IF F$(C) < > " " THEN GOSUB 1040'. Change it to 'IF STR(F$(C),C4) < > " " THEN GOSUB 1040'.

(continued)
TC UTILITIES (continued)

Problem:
1. When bringing records back from a TC file to a type three file (duplicate keys allowed), only the first of a set of records with duplicate keys gets moved.
2. When moving records from a TC file to an IDEAS file if you choose the option to not overwrite some existing records, those records will be left protected in the IDEAS file.
3. When moving records back from a TC file, IDEAS does not check to see if the IDEAS file is full.

Circumvention: In IDS2PU08, line 1290 should be changed and 1291 and 1292 added so that the code looks like this:

```
1290 IF STR(E1$(C3),12,1)=HEX(03) THEN 1291
    : STR(D$(C4),C4)=STR(F$(C4),C4)
    : GOSUB 1300
    : F6$(14)="N"
    : GOSUB '41(C1$,D2$(C4),5)
    : F=0
    : IF Q > 0 THEN GOSUB 1320
    : IF F=1 THEN 1291
    : STR(F$(C4),C4)=STR(D$(C4),C4)

1291 GOSUB '42(C1$,0)
    : IF Q = 0 THEN GOSUB 1292
    : RETURN

1292 J1=04+1
    : F6$(14)="Y"
    : GOSUB '38(168,"")
    : KEYIN E6$
    : IF E6$ <> HEX (1F) THEN 1292
    : RETURN
```

Problem: Conversion from TC file to IDEAS2 file will crash with ERR P56 if there is more than one alternate key file.

Circumvention: The first statement in line 3000 ends with '... TO D1$STEP 56', and the second statement is 'D4=1+VAL(D1$,2)+7)/56'. Change the '56' in each statement to an '8'.

Problem: The IDEAS-to-TC sometimes skips keys of field type 5 or 6 which start with numerics and finds the first record with a key with alpha characters.

Circumvention: In IDS2PU05, remove the first statement in line 1400: 'IF C9$(1)="" THEN C9$(1)=ALL(00)'.

Mike, I have received all 10 pages, thanks!

Torbjorn

---

Till
Torbjorn Sagner

ARENE: IDEAS problem on CS386

Avsänd: 08-10-90

Torbjorn,

Just completed sending you a 10 page FAX on using TOM's Speed I on the Wang 386. If there is any problem, give me your mailing address and I will mail it out.

Regards, Mike

Mike,

Sorry that I forget how you should have your system configured.

You need one global part. and one part. for program run.

Example: part 1 size 1 term prog 1 name

1 100 0 Y IDEASVAR (background program for IDEAS)

2 100 1 Y

One more thing you must use BB as an input name because it is a data file.

If you rename BB you also must rename the data file

ex. BB to BBOLD rename bb to bbold

but you don't need to do this if you follow the instructions in prev. memo.

Better luck this time.

Torbjorn

---

Till
Torbjorn Sagner

ARENE: IDEAS problem on CS386

Avsänd: 02-10-90

Torbjorn,

Have reproduced your problem correctly & was able to get our software guru to take a look. He has come up with a change to correct this particular problem. In program "IDEAS300" change line 9060 as shown:

Before change

9060 AND($K$(1),2,1,80):
Q"=""PROG"
IF $K$(1),2,1=HEX(80) THEN 9070:
  add =
Q"=""DATA"

After change

9060 AND($K$(1),2,1,CO):
Q"=""PROG"
IF $K$(1),2,1=HEX(40) THEN 9070:
  add =
Q"=""DATA"

This should resolve this particular problem. There may be other areas requiring similar changes. Please let us know how things work out.

Regards,

Mike
Hello Mike,
as you requested I send you the sw for duplication of the problem with
IDEAS and converted programs.
The two data files contain IDEAS programs and data and one test menu
for duplication of the problem.
File IDEASP contain programs
File IDEASD contain data.
1. Install the two diskettes on a clean disk (you can't run from diskette)
2. Select the disk where you have installed the two diskettes
3. Start IDEAS with LOAD RUN "IDEAS"
4. Fill in disk address and press enter
5. Fill in the same disk address under pf3 to pf6
6. Enter
7. Fill in Date in format yyyydd (swedish format)
8. Enter
9. PF 9 (Appl. menu screen & prog rev. module)
10. Fill in file name BB (BB=test menu)
11. A menu occurs on screen and you can do changes, press enter to go back.

Now how to duplicate problem:
1. Go out from IDEAS (Reset and clear)
2. Load program BB
3. Rename program BB on disk to anything (ex. BBOLD)
4. Save the loaded program in step 2 in converted format (SELECT NEW) with
   the name BB.
5. Start IDEAS go through step 3 to 11.
6. When you had filled in BB in step 11 IDEAS will respond with an error
   File "BB" does not exist:

If you have any problems to run or duplicate please call on 8-82 01 80 or ext 1278
or send me a WO.

Torbjorn Sagner

----- Reply -----

Mike,

We have now tested IDEAS I with OS 1.17 and we got the same result.
When we run IDEAS I and try to pick up a menu file for editing found IDEAS
not the file. I have tried to locate the problem and get so far that when
IDEAS look for the file in index, it check the file for DATA or PROGRAM (D orP)
In IDEAS306 program line 9060 it check the the HEX Index code 80 for a
program file. When you save in new format the index code become hex 40.
IDEAS will not accept hex 40 as a index code for a program and will there for
respond with FILE NOT FOUND.
If change the program line 9060 so it recognise hex 40 as a program file
IDEAS find the file and you can do the editing. Then comes next problem
IDEAS save this file in OLD format.

At the customer site we are now going to convert all programs except for
menus and start programs and see if we can improve upon performance of
the system. If you have any proposals or suggestions, please let me know.

Best reg. Torbjorn

----- S V A R -----

Torbjorn Sagner

----- Reply -----

Mike,

I will try the new version of OS asap and update you with result, it could
take same time because i must try this out at customer site.

Thanks for your help so far.

Torbjorn
Torbjorn,

Will send you 386 Maintenance Rel 1.17. Please test against this problem. If you are unsure how to remove the 1.17 from Wang Office, Willem Sloep of the PRC in the Netherlands or Erwin Findt of the PRC in Germany should be able to help as both have already received it.

Talked with Tyler Olsen & he thought there may be a problem if part of the IDEAS module being run was in NEW format & part in OLD. Also when the DB2 occurs, try to determine the address being accessed using either TRACE or by the printing the value of the variable representing the disk address in the failing load instruction. Save the program at that address may circumvent the problem. Try 1.174 first. Please let me know the outcome.

Regards,
Mike

---

To: Michael Bahia
Subject: CS386 HELP ME!!!

Mike,
The problem is the following: When use 386 format on the program files it works ok in runtime mode but if you go in to IDEAS and try to modifies a menu you can't pick up the program from IDEAS, it comes up with error code DB2 FILE NOT IN CAT. If you do a select old of the program and then try to pick it up from IDEAS you get no error.

Another problem is that the customer run IDEAS I ver. 1.6 and i have got the info that IDEAS I not support SCRATCH DISK.
Reason for customer to use CS386 is related to big performance problem and there was no information of any restrictions regarding IDEAS, KFAM or ISS when we (WANG) introduce the 386board, therefor customer was told to buy a 386 it will solve your performance problem. Now we are deep in this .. and the customer is as you can understand not happy.

Best regards
Torbjorn Sagner

---

Till: Torbjorn Sagner
Från: Michael Bahia
Ärende: CS386 HELP ME!!!
Avsänd: 12-09-90

Torbjorn,

What kind of problems are you having if any with Ideas or the ISS utility. We have recently found a problem with PACK/UNPACK where in the mask
Attached is the data to be used to demonstrate and resolve the IDEAS II software discrepancy which results in the loss of data when performing file maintenance. The file with the discrepancy is the Equipment Maintenance Management System (EMMS) application data file called the IPE Inventory Master File which has an IDEASII name of "VDPMST0."
IDEASII Documentation

A. Data File

1. File Name: VDPMST00
   File Description: IPE Inventory Master File

B. Start Programs

1. Name: EMMSTART
   Description: Equipment Maintenance Start Program

2. Name: VSTART
   Description: IPE Inventory Start Program

3. Name: VPSRPT00
   Description: Start Module For Inventory Reports

C. Menus

1. Name: EMAINMEN
   Description: EMMS Main Menu

2. Name: VMINVI00
   Description: EMMS Inventory Menu

3. Name: VMRPTMEN
   Description: EMMS Report Frequency Menu

4. Name: VREM90000
   Description: EMMS On-Request Inventory Reports Menu
Directions to execute the Equipment Maintenance Management System (EMMS) Application and to demonstrate the IDEASII software discrepancy are as follows:

1. Insert the SEAADSA IDEAS/EMMS software removeable disk cartridge into the D5Ø slot of a 228Ø disk drive unit.
2. Key LOAD RUN T/D5Ø, "IDEAS2" and press the RETURN key. This process will cause the IDEAS Inquiry, Data Entry, and Access System Screen to display.
3. Enter "D5Ø" as the IDEAS system utilities disk address after which the Development Access Security Module will be displayed.
4. Enter a user identification code of "USN" and press the RETURN key causing the IDEAS Primary Program Selection Menu Module screen to be displayed.
5. Select the Applications function by pressing FN'15.
6. Key "EMMSTART" as the file name for the Application to be run causing the EMMS Main Menu to be displayed.
7. Press FN'Ø1 (Maintain IPE Inventory File) to display the EMMS Inventory Menu.
8. Press FN'ØØ (Maintain/Modify IPE Inventory File) to display the Maintain IPE Inventory File Screen. This screen allows entry of an NID which is the unique identifier of each record on the IPE Inventory File (VDPMS0ØØ). After entry of an eleven character NID the software will enter either the add or modify mode.
9. Enter a NID that was properly recorded on VDPMS0ØØ of "ØØMPI0ØØØ1" causing the display shown in Figure 1 (Maintain IPE Inventory File - No Discrepancy). Note the message at the bottom of the screen of "TOUCH RETURN TO ACCEPT, EDIT TO MODIFY, FN'25 TO DELETE"? This message is always displayed if a record found condition is en-
countered on VDPMSTØØ. Press FN'31 to return to the EMMS Inventory Menu.

10. Press FN'ØØ from the EMMS Inventory Menu and enter a NID of "ØØ221Ø58417" to demonstrate the data file discrepancy. Entry of this NID will cause all data elements to be displayed as blanks as shown in Figure 2 (Maintain IPE Inventory File Discrepancy) and the message at the bottom of the screen indicating a record found condition on VDPMSTØØ.

11. The same non-discrepancy and discrepancy conditions can be demonstrated using display functions by pressing FN'Ø3 (Display IPE Inventory Record by NID) from the EMMS Inventory Menu. Enter the same NIDs onto the screen as were used in the maintain function.

12. Records stored in VDPMSTØØ can be printed by executing the following:

   a. From the EMMS Main Menu press FN'Ø8 to display the EMMS Report Frequency Menu.

   b. Press FN'Ø3 (On-Request Reports-EM9ØØ series) to display the EMMS On-Request Inventory Reports Menu.

   c. Press either FN'Ø6 (EM9Ø5F IPE Inventory Report by NID Condensed) or FN'Ø9 (EM91ØA Abbreviated Inventory Report by NID) to print the IPE Inventory Master File (VDPMSTØØ).
DATA FILE "VPDMST00" IPE INVENTORY MASTER FILE

REVISION NUMBER 84
LAST REVISED 08/20/65
LAST REVISED BY GMS

VERSION 1
APPLICATION CODE
FUNCTION CODE

READ USER CLASS = 0 USER ID CODE =
WRITE USER CLASS = 0 USER ID CODE =

| TYPE | FIELD | FIELD | FIELD | FIELD | FIELD | Y | K | A | P | A | K | E | C | T | T | I | S | O | R | T |
|------|-------|-------|-------|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|      | VPDMST00 2. +NID |       |       |       |       | 11| 11| 2 | 0 | 13| 137|   |   |   |   |   |   |   |   |   |   |
|      | VDAMST00 6 +ALPHA |       |       |       |       | 5 | 4 | 2 | 0 | 6  | 80 |   |   |   |   |   |   |   |   |   |   |
|      | VDHPM005 5 +SHOP  +NID |       |       |       |       | 15| 15| 2 | 0 | 17 | 315|   |   |   |   |   |   |   |   |   |   |

RECORD STATISTICS: NUMERIC = 3117 RECORDS CURRENTLY ON FILE = 6455
NO. OF FIELDS = 76 UPPER CASE = 0005 64.55% FULL AS SPECIFIED = 10000
RECORD LENGTH = 0500 PACKED LENGTH = 450 61.48% FULL AS PROVIDED = 10500

KEY TO FIELD ATTRIBUTE DESCRIPTION COLUMN HEADINGS:
FIELD = FIELD NAME
POS = POSITION IN RECORD OF FIRST CHARACTER IN FIELD
LEN = LENGTH OF FIELD
T = TYPE OF FIELD AS FOLLOWS: 0 = DIGITS ONLY 4 = UPPER CASE LETTER
1 = DIGITS & SIGNS 5 = U/C LETTERS & DIGITS
2 = DIGITS & DEC PT 6 = U/C NUMBERS & PUNCT
3 = ANY NUMERIC 7 = ANY CHARACTER
J = JUSTIFICATION (BLANK IF LEFT JUSTIFIED, 'R' IF RIGHT)
F = FILL CHARACTER FOR RIGHT-JUSTIFIED NUMERICS (ZERO OR BLANK)
D = NUMBER OF DECIMAL SPECIFIED DECIMAL PLACES (FOR NUMERIC FIELDS)
U = USER CODE - SPECIFIES THE MINIMUM USER LEVEL FOR ACCESS TO THE FIELD
SUB = IF A SUB-FIELD, THE NAME OF THE PARENT FIELD
POS = IF A SUB-FIELD, THE STARTING POSITION WITHIN THE PARENT FIELD

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FIELD ATTRIBUTES BY POSITION IN RECORD

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#03/ D50 SCREEN AND REPORT MASKS
#04/ D50 APPLICATION PROGRAMS
#05/ D50 DATA FILE CONTROL FILES
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#07/ D50 APPLICATION DATA FILES
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REVISION NUMBER 3 VERSION 1 EDIT & DOCUMENT EXECUTION ACCESS
LAST REVISED 8/20/85 APPLICATION USER CLASS 0
LAST REVISED BY GMS FUNCTION USER ID CODE

PERIPHERAL DEVICE ADDRESS ASSIGNMENTS:
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#03/ D50 SCREEN AND REPORT MASKS
#04/ D50 APPLICATION PROGRAMS
#05/ D50 DATA FILE CONTROL FILES
#06/ TELECOMMUNICATIONS BOARD
#07/ D50 APPLICATION DATA FILES

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**Revision Number:** 5  
**Last Revised By:** GMS  
**Function:** APPLICATION

## Peripheral Device Address Assignments:

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**Program Module to Be Loaded in Case of Start Module Execution Failure:** "ANCHOR"

**Program Module to Be Loaded Upon Completion of Start Module Execution:** "VMRPTMEN"

**SET SYSUFQ= ""**

## Work Buffer

- **Work Buffer:** 1750
- **Record Buffer:** 508
- **Sort Buffer:** 330 (Sizes in bytes)

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MENU "EMMAIN" PROGRAM DOCUMENTATION

REVISION NUMBER 107
LAST REVISED 02/20/85

MENU SCREEN IMAGE

EMMS MAIN MENU

FN PROGRAM MODULE
00 OPERATION FUNCTIONS
01 MAINTAIN IPE INVENTORY FILE
02 PREVENTIVE MAINTENANCE
03 CORRECTIVE MAINTENANCE
04 MATERIAL REQUIREMENTS/STATUS
05 PM/CM NOTICES
06 STATUS CAPABILITY
07 EXPENDITURE EXTRACT
08 GENERATE INVENTORY MANAGEMENT REPORTS
09 EMMS OTHER UTILITIES
10 EMMS TEST MENU
13 CHANGE SYSTEM DATE
14 END TERMINAL PROCESSING
15 RETURN TO IDEAS II PROCESSING
31 NEW USER ID

TOUCH ANY LISTED FN SPACE/BACKSPACE TO CHANGE DEFAULT OR EXEC TO LOAD DEFAULT

MENU SELECTION DOCUMENTATION

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NOTE: UC = USER CLASS
UID = USER ID CODE
PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES
X = OTHER SOFTWARE REQUIRING A COMPLETE COM CLEAR
MENU "VMINVIDC" PROGRAM DOCUMENTATION

REVISION NUMBER 13  VERSION 1
LAST REVISED 09/20/85  USER CLASS 0
LAST REVISED BY GMS  USER ID CODE

MENU SCREEN IMAGE

1 2 3 4 5 6 7 8
1234567890123456789012345678901234567890123456789012345678

1 2 3 4 5 6 7 8
EMMS INVENTORY MENU

FN PROGRAM MODULE
00 MAINTAIN/MODIFY IPE INVENTORY FILE
01 MAINTAIN/MODIFY IPE INSPECTION FILE
02 MAINTAIN/MODIFY IPE LUBRICATION FILE
03 DISPLAY IPE INVENTORY RECORD BY NID
04 DISPLAY IPE INVENTORY RECORD BY ALPHA
05 DISPLAY INSPECTION FREQUENCY RECORD
06 DISPLAY LUBRICATION FREQUENCY RECORD
07 GENERATE MANAGEMENT REPORTS
08 DISPLAY SHOP TOTALS
15 RETURN TO IDEAS2
31 RETURN TO EMMS MAIN MENU

MENU SELECTION DOCUMENTATION

FN PROGRAM DESCRIPTION

PROGRAM TYPE UC UID PASSWORD
00 VPINVMOD MAINTAIN/MODIFY IPE INVENTORY FILE I 9
01 VPINSPOD MAINTAIN/MODIFY IPE INSPECTION FILE I 9
02 VPLUSEDDO MAINTAIN/MODIFY IPE LUBRICATION FILE I 9
03 VPDSPPNO DISPLAY IPE INVENTORY RECORD BY NID I 0
04 VPDSPANO DISPLAY IPE INVENTORY RECORD BY ALPHA I 0
05 VPINQU DISPLAY INSPECTION FREQUENCY RECORD I 0
06 VPLUINQ DISPLAY LUBRICATION FREQUENCY RECORD I 0
07 VMRPTMEN GENERATE MANAGEMENT REPORTS I 0
08 VPDSPSHO DISPLAY SHOP TOTALS 1
09 (UNUSED)
10 (UNUSED)
11 (UNUSED)
12 (UNUSED)
13 (UNUSED)
14 (UNUSED)
15 IDEAS2 RETURN TO IDEAS2 1
31 EMAINMEN RETURN TO EMMS MAIN MENU

NOTE: UC = USER CLASS
UID = USER ID CODE
PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES
X = OTHER SOFTWARE REQUIRING A COMPLETE COM CLEAR
MENU "VKRPTMEN" PROGRAM DOCUMENTATION

REVOLUTION NUMBER 13
LAST REVISED 09/24/84
LAST REVISED BY GMS

MENU SCREEN IMAGE

EMMS REPORT FREQUENCY MENU

FN PROGRAM MODULE
00 WEEKLY REPORTS - EM200 SERIES
01 MONTHLY REPORTS - EM400 SERIES
02 QUARTERLY REPORTS - EM500 SERIES
03 ON-REQUEST REPORTS - EM900 SERIES
31 RETURN TO EMMS MAIN MENU

TOUCH ANY LISTED FN, SPACE/BACKSPACE TO CHANGE DEFAULT OR EXEC TO LOAD DEFAULT.

MENU SELECTION DOCUMENTATION

FN PROGRAM DESCRIPTION PROGRAM TYPE UC UID PASSWORD
00 VREM2000 WEEKLY REPORTS - EM200 SERIES I 0
01 VREM4000 MONTHLY REPORTS - EM400 SERIES I 0
02 VREM5000 QUARTERLY REPORTS - EM500 SERIES I 0
03 VREM9000 ON-REQUEST REPORTS - EM900 SERIES I 0
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05 (UNUSED)
06 (UNUSED)
07 (UNUSED)
08 (UNUSED)
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11 (UNUSED)
12 (UNUSED)
13 (UNUSED)
14 (UNUSED)
15 (UNUSED)
31 EMAINMEN RETURN TO EMMS MAIN MENU

NOTE: UC = USER CLASS
UID = USER ID CODE
PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
W = WANG SYSTEM SOFTWARE USING R-RANGE VARIABLES
1 = COMPLETE COM CLEAR
MENU "VREM9000" PROGRAM DOCUMENTATION

09/24/84 PAGE 1 OF 1

REVISION NUMBER 34
VERSION 1
APPLICATION CODE
FUNCTION CODE

USER CLASS
USER ID CODE
PASSWORD

MENU SCREEN IMAGE

1 2 3 4 5 6 7 8
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EMMS ON-REQUEST INVENTORY REPORTS MENU

FN PROGRAM MODULE
00 VREM900A SYSTEM DATA REPORT
01 VREM905A IPE INVENTORY REPORT BY ALPHA
02 VREM905B IPE INVENTORY REPORT BY NID
03 VREM905C IPE INVENTORY REPORT BY DLA MFG CODE
04 VREM905D IPE INVENTORY REPORT BY SHOP
05 VREM905E IPE INVENTORY REPORT BY PEC
06 VREM905F IPE INVENTORY REPORT BY NID (CONDENSED)
07 VREM907A INSPECTION FREQUENCY REPORT
08 VREM910A ABBREVIATED INVENTORY REPORT BY NID
09 VREM910B ABBREVIATED INVENTORY REPORT BY ALPHA
10 VREM910C ABBREVIATED INVENTORY REPORT BY DLA
31 RETURN TO REPORT SELECTION MENU

TOUCH ANY LISTED FN SPACE/BACKSPACE TO CHANGE DEFAULT OR ESC TO LOAD DEFAULT

123456789012345678901234567890123456789012345678901234567890

MENU SELECTION DOCUMENTATION

FN PROGRAM DESCRIPTION PROGRAM TYPE UC UID PASSWORD
00 VREM900A EM900A SYSTEM DATA REPORT I 0
01 VREM905A EM905A IPE INVENTORY REPORT BY ALPHA I 0
02 VREM905B EM905B IPE INVENTORY REPORT BY NID I 0
03 VREM905C EM905C IPE INVENTORY REPORT BY DLA MFG CODE I 0
04 VREM905D EM905D IPE INVENTORY REPORT BY SHOP I 0
05 VREM905E EM905E IPE INVENTORY REPORT BY PEC I 0
06 VREM905F EM905F IPE INVENTORY REPORT BY NID (CONDENSED) I 0
07 VREM906A EM906A INSPECTION FREQUENCY REPORT I 0
08 VREM907A EM907A LUBRICATION FREQUENCY REPORT I 0
09 VREM910A EM910A ABBREVIATED INVENTORY REPORT BY NID I 0
10 VREM910B EM910B ABBREVIATED INVENTORY REPORT BY ALPHA I 0
11 VREM910C EM910C ABBREVIATED INVENTORY REPORT BY DLA I 0
12 (UNUSED)
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14 (UNUSED)
15 (UNUSED)
31 VREM900A RETURN TO REPORT SELECTION MENU

NOTE: UC = USER CLASS
UID = USER ID CODE

PROGRAM TYPES: I = IDEAS2-GENERATED PROGRAM
W = HANG SYSTEM SOFTWARE USING R-RANGE VARIABLES
A = 1-4 MESSAGES REQUIRING A COMPLETE COM CLEAR
Figure 1 Maintain IPE Inventory File - No Discrepancy
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**ATTENTION:** TOUCH RETURN TO ACCEPT, EDIT TO MODIFY, FN'25 TO DELETE

Figure 2 Maintain IPE Inventory File - Discrepancy
### DISPLAY IPE INVENTORY RECORD

**NID:** 000MP000001  **ALPHA:** FXD  **PEC:** 3450

**DESC:** VALVE CUTOFF MACHINE

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**FUNCTION GROUP:**

- ACQ COST: 488
- INST COST: 0
- REPL COST: 0
- EQUIP LIFE: N/A
- REC DATE: 01/1963
- INST DATE: 01/1968
- DEPR DATE: N/A
- CONDITION: A4
- OPERABLE: Y
- CERT REQ: N
- ROUTE NO: N

**ATTENTION:** TOUCH RETURN FOR NEXT INQUIRY, FN'31 TO CANCEL

---

**Figure 3 - Display IPE Inventory Record No Discrepancy**
# DISPLAY IPE INVENTORY RECORD

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<td>INST DATE /</td>
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<td>LUB METER</td>
<td>FLOOR</td>
<td>C/R/B</td>
<td>ROUTE NO</td>
</tr>
</tbody>
</table>

ATTENTION: TOUCH RETURN FOR NEXT INQUIRY, FN#31 TO CANCEL

Figure 4 - Display IPE Inventory Record - Discrepancy