

**APPLICATIONS
SUPPORT
BULLETIN**

November 1, 1983

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APPLICATIONS UPDATES

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POINT 4 Data Corporation

```
      4444  4
      4444  444
      444   4  4444
      4   444  4444

      4444444  4444
      4444444  444
      4444   4
```

TO: All IRIS Users
FROM: Systems Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patching BASIC Programs

Making patches to a protected BASIC program is a one-way street. That is, if an error is made during the patch process, such as entering a patch with the wrong line number, you can destroy program code that cannot be restored. In an effort to help you avoid possible errors, we propose the following procedure.

STEP 1. Use the COPY command to make a copy of the BASIC program module to be patched. Copy the program to another or the same Logical Unit, but give it a new name.

EXAMPLE: #COPY LU/PROGRAM.BU=LU/PROGRAM

NEVER patch this backup program !!

STEP 2. Create an IRIS text file consisting of all the patch lines of code for the module. Note---REM lines are optional, but may be included for documentation purposes. Be sure to enter each patch line into the text file in the same order shown on the patch listing. If lines are NOT entered in the same order shown, the new check code may not match.

STEP 3. Bring the program module into BASIC, load the patch text file, and SAVE the program under the original name.

EXAMPLE: #BASIC LU/PROGRAM
LOAD LU/Patchfile
EXIT
#SAVE LU/PROGRAM!

IRIS will respond with: SAVED !! CHECK CODE = NNNN

POINT 4 Data Corporation

```
      4444  4
    4444    444
  444      4  4444
  4      444  4444

44444444  4444
4444444  444
      4444  4
```

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to ABASIC.1 (1 of 3)

This patch is for the BASIC program 'ABASIC.1'. It should only be applied if your operating system is IRIS 8.2.

DO NOT apply this patch if your operating system is not IRIS 8.2.

This patch should be applied using the procedure for patching BASIC programs described in this bulletin.

```
3790 REM PROGRAM NAME: ABASIC.1
3790 REM
3790 REM DATE CREATED: 9-28-83
3790 REM
3790 REM OLD CHECK CODE: 7597
3790 REM NEW CHECK CODE: 149B
3790 REM
3790 REM REMARK: PATCH TO CORRECT ERROR 49 IF PREVIOUS ERROR HAS
3790 REM          STOPPED OBJECT CODE GENERATION
3790 REM
3790 IF E2>=0 LET C3=CHF(E2+100)*512+CHF(E2+200)
```

POINT 4 Data Corporation

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to ABASIC.1 (2 of 3)

This patch is for the BASIC program 'ABASIC.1'. It should only be applied if your operating system is IRIS 8.2.

DO NOT apply this patch if your operating system is not IRIS 8.2.

This patch should be applied using the procedure for patching BASIC program described in this bulletin.

1990 REM PROGRAM NAME: ABASIC.1
1990 REM
1990 REM DATE CREATED: 10-10-83
1990 REM
1990 REM OLD CHECK CODE: 149B
1990 REM NEW CHECK CODE: 320D
1990 REM
1990 REM REMARK: Patch to correct pseudo-op in include file
1990 REM
1990

NOTE: This patch deletes line 1990

POINT 4 Data Corporation

```
      4444  4
    4444  444
  444  4  4444
  4   444  4444

44444444  4444
44444444  444
  4444  4
```

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to ABASIC.1 (3 of 3)

This patch is for BASIC program 'ABASIC.1'. It should only be applied if your operating system is IRIS 8.2.

DO NOT apply this patch if your operating system is not IRIS 8.2.

This patch should be applied using the procedure for patching BASIC programs described in this bulletin.

```
1390 REM PROGRAM NAME: ABASIC.1
1390 REM
1390 REM DATE CREATED: 10-10-83
1390 REM
1390 REM OLD CHECK CODE: 320D
1390 REM NEW CHECK CODE: 3D4C
1390 REM
1390 REM REMARK: Include line was treated as line of Include file
1390 REM           rather than line in main program. C. did not
1390 REM           work correctly in Include.
1390 REM
1390 LET F4=-2
1400
1470 OPEN #E1,B6$
1520
1600
2382 IF F4<>-2 GOTO 2390
2384 LET F4=D7
2385 LET D7=E1
2386 GOSUB 3530
```

POINT 4 Data Corporation

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
4444444 444
4444 4

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to ABASIC.4

This patch is for the BASIC program 'ABASIC.4'. It should only be applied if your operating system is IRIS 8.2.

DO NOT apply this patch if your operating system is not IRIS 8.2.

This patch should be applied using the procedure for patching BASIC programs described in this bulletin.

```
1610 REM PROGRAM NAME: ABASIC.4
1610 REM
1610 REM DATE CREATED: 9-28-83
1610 REM
1610 REM OLD CHECK CODE: 5AC0
1610 REM NEW CHECK CODE: 1101
1610 REM
1610 REM REMARK: PATCH TO CORRECT GOTO LOCATION
1610 REM
1610 GOTO 1520
```

POINT 4 Data Corporation

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All FORCE 1.C Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to FS101MAKE

This patch is for the BASIC program FS101MAKE. It should only be applied if you are running FORCE 1.C under IRIS 8.2.

DO NOT apply this patch if you do not have FORCE 1.C.

This patch should be applied using the program FS.PATCHER.

PROGRAM NAME: FS101MAKE

NEW CHECK CODE: 2581

OLD CHECK CODE: 1085E

REMARK: Patch to allow logical unit greater than 1 character

SEQ	CK SUM	PATCH LINE
---	-----	-----
1	28	30 REM FS101MAKE 831013
2	102	30 DIM K[1],N[1],F[1],C[1],T[1],U1\$[4],X\$[4], X9\$[10]

PATCH CHECK SUM: 158

POINT 4 DATA CORPORATION

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to GUARD

This patch is for BASIC program 'GUARD'. It should only be applied if your operating system is IRIS 8.2 and the check code for GUARD matches the **OLD CHECK CODE** in the patch below.

DO NOT apply this patch if your software does not meet these specifications.

The patch should be applied using the procedure for patching BASIC programs described in this bulletin.

```
850 REM PROGRAM NAME: GUARD
850 REM
850 REM DATE CREATED: 10-12-83
850 REM
850 REM OLD CHECK CODE: B368
850 REM NEW CHECK CODE: 374C
850 REM
850 REM REMARK: PATCH TO CORRECT CORRUPTION DONE BY PROTECT;
850 REM CORRUPTION MANIFESTS ITSELF BY SHOWING ERROR 6
850 REM FOR THOSE GOTO'S THAT ARE THE LAST STATEMENTS ON
850 REM MULTIPLE STATEMENT LINES. THIS PATCH
850 REM CONSISTS OF THOSE EXACT STATEMENTS REWRITTEN.
850 REM
850 IF C8$="" CLOSE #0 \ GOTO 710
990 IF C7[D5]=B0 GOSUB 1570 \ GOTO 1010
1050 GOSUB 1720 \ GOTO 840
```

POINT 4 DATA CORPORATION

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All IRIS 8.2 Users
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Patch to T.BUILDPF

This patch is for the BASIC program 'T.BUILDPF'. It should only be applied if your operating system is IRIS 8.2.

DO NOT apply this patch if your operating system is not IRIS 8.2.

This patch should applied using the procedure for patching BASIC programs described in this bulletin.

```
2060 REM PROGRAM NAME: T.BUILPF
2060 REM
2060 REM DATE CREATED: 10/21/83
2060 REM
2060 REM IRIS REV: 8.2
2060 REM
2060 REM THIS PATCH WAS CREATED TO INSERT MISSING MODE 1 IN
2060 REM SEARCH STATEMENT AT LINE 2060.
2060 REM
2060 SEARCH #C9,1,I,V$,V1,V2
```

POINT 4 Data Corporation

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All FORCE Users with IRIS 8.2
FROM: Applications Software Department
DATE: NOVEMBER 1, 1983
SUBJ: Release of FORCE 1.C

As of October 15, 1983, Point 4 Data Corporation has made available a new release of FORCE to run under IRIS 8.2. This enhanced revision is called FORCE 1.C and it includes the following enhancements:

1. Preload matrix for input specifications, using DATA Statements and FOR - NEXT Loops.
2. Display of current field value in the Modify mode.
3. Display mode of operation on Comment line.
4. Run-time printer option.
5. # feature in generated menus.
6. Removal of LU/5 dependency.
7. Change of default file type in module 1.4.1 to CONTIGUOUS.
8. Change default file access in module 4.1 to NEXT.

POINT 4 Data Corporation

4444 4
4444 444
444 4 4444
4 444 4444

4444444 4444
444444 444
4444 4

TO: All TYPIST V2.8 Users with IRIS 8.2

FROM: Applications Software Department

DATE: NOVEMBER 1, 1983

SUBJ: BASIC Partition Size for TYPIST

TYPIST V2.8 as previously released for use under IRIS 8.2 requires an increased BASIC partition size, greater than 20000. The increase is necessary because of the spooler module TIP.101.V2.8. If this increase creates a serious problem on your system, contact your sales representative and request updated TYPIST software.