


```

PPPPPPPP      LL      IIIIII      PPPPPPPP      RRRRRRRR      000000      TTTTTTTTTT      EEEEEEEEEE      CCCCCCCC
PPPPPPPP      LL      IIIIII      PPPPPPPP      RRRRRRRR      000000      TTTTTTTTTT      EEEEEEEEEE      CCCCCCCC
PP      PP      LL      II      PP      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PP      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PP      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PPPPPPPP      RRRRRRRR      00      00      TT      EEEEEEEE      CC
PP      PP      LL      II      PPPPPPPP      RRRRRRRR      00      00      TT      EEEEEEEE      CC
PP      PP      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      PP      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      LLLLLLLLLL      IIIIII      PP      PP      RR      RR      000000      TT      EEEEEEEEEE      CCCCCCCC
PP      LLLLLLLLLL      IIIIII      PP      PP      RR      RR      000000      TT      EEEEEEEEEE      CCCCCCCC

```

```

LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      LLLLLLLLLL      IIIIII      SSSSSSSS
LL      LLLLLLLLLL      IIIIII      SSSSSSSS

```

PL
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\$
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Ps
Cr
As

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34
Th
38
19

Ma
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-S
-S
TC
61
Th
MA

```
1 plissprotvcha: procedure(display_ptr,protfixb) options(ident('1-001'));  
2 /*  
3 *****  
4 **  
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22 **  
23 **  
24 *****  
25  
26 facility: VAX-11 PL/I RUNTIME LIBRARY  
27  
28 abstract: This routine converts the protection field of a file into 4 char(4)  
29 varying strings containing the characters R, W, E and D.  
30  
31 author: C Spitz  
32  
33 date: 16-JUL-1980  
34  
35 */  
36  
37 /* external definitions */  
38 %include plifildsp;  
177  
178 /* parameter declarations */  
179 dcl protfixb fixed bin(15), /* protection field of file */  
180 display_ptr pointer; /* address of the display block */  
181  
182 /* local data - automatic */  
183 dcl (i,j) fixed bin(31);  
184  
185 /* local data - static */  
186 dcl letter(0:3) char static init('R','W','E','D');  
187  
188 /* based storage */  
189 dcl chars(0:3) char(4) var  
190 based(addr(display_ptr -> system_protection));  
191 dcl protect(0:15) bit based(addr(protfixb));  
192  
193 do i = 0 to 3;
```

PLISSPROTVCHA
1-001

K 10
16-SEP-1984 02:29:56
6-SEP-1984 11:39:14

VAX-11 PL/I X2.1-273
SK\$VMMASTER:[PLIRTL.SRC]PLIPROTEC.PLI;1 (1) Page 2

```
194      2      chars(i) = '';  
195      2      do j = 0 to 3;  
196      3          if ^protect(4*i+j) then chars(i) = chars(i)::letter(j);  
197      3          end;  
198      2      end;  
199      1      end;
```

COMMAND LINE

PLI/DEBUG=NONE/LIS=LIS\$:PLIPROTEC/OBJ=OBJ\$:PLIPROTEC MSRC\$:PLIPROTEC+LIB\$:PL1RTSRC.TLB/LIB

