



```

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      LL      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      LL      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      LL      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      LL      LL      II      PP      RR      RR      00      00      TT      EE      CC
PP      LLLLLLLLLL      IIIIII      PP      RR      RR      000000      TT      EEEEEEEEEE      CCCCCCCC
PP      LLLLLLLLLL      IIIIII      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  
Ps  
  
PS  
-S  
-F  
  
Ph  
-  
In  
Co  
Pa  
Sy  
Pa  
Sy  
Ps  
Cr  
As  
  
Th  
34  
Th  
38  
19  
  
Ma  
-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\$VMSMASTER:[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



PLIFORMAT LIS

PLIGETBUF LIS

PLIMSGTXT LIS

PLIGETEDI LIS

PLIHEEP LIS

PLIPUTFIL LIS

PLIRMSBIS LIS

PLIRECOPT LIS

PLIOPEN LIS

PLIREAD LIS

PLIPROTEC LIS

PLIREWRIT LIS

PLIGETLIS LIS

PLIPUTEDI LIS

PLIPKDIUL LIS

PLIPUTLIS LIS

PLIMSGPTR LIS

PLIPKDIUS LIS

PLIPUTBUF LIS

PLIGETFIL LIS