





Version: 'V04-000'

```

*****
*
* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
* ALL RIGHTS RESERVED.
*
* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
* TRANSFERRED.
*
* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
* CORPORATION.
*
* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
*
*****

```

```

**
FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS
ABSTRACT:
  Literals for counting output passes in LOUT1.
ENVIRONMENT:   Transportable BLISS
AUTHOR:        Keith Dawson
CREATION DATE: March 1983
MODIFIED BY:
  001      KAD00001      Keith Dawson      22-Mar-1983
--

```

```

^
If no emphasis is present, the line is put out in 1 pass. This is also the
case if we are generating VT100 output or FLIP output, or if the user said
/BACKSPACE. If none of these cases applies, then multiple passes are needed
to generate the built-up output line.

If any emphasis is present, the emphasized copies of the line are put out
first; the "real," entire line is generated last. In this case, pass 1
serves to set up the later passes, but does not produce output.

pass 1 - calculate      pass 2 - bold
pass 3 - underline      pass 4 - bold-underline

```

COM

COM

```

!      pass 5 - overstrike      pass 6 - bold-overstrike
!      pass 7 - output line, if any emphasis was present
!

```

## LITERAL

```

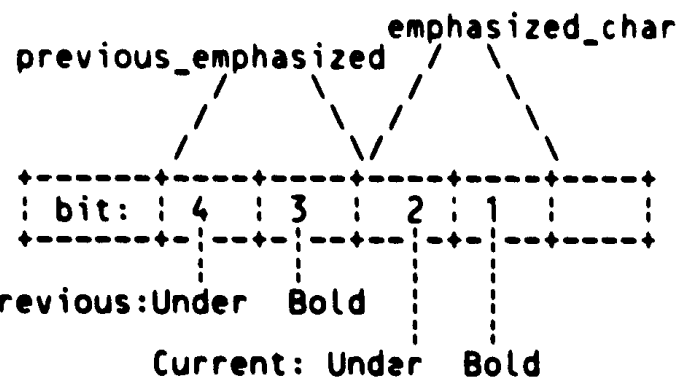
pass_setup = 1,
pass_bold = 2,
pass_underline=3,
pass_bold_underline=4,
pass_overstrike = 5,
pass_bold_overstrike = 6,
pass_real_text = 7;

```

```

!
! Arrangement of bits in EMPHASIS_BITS:
!

```



## MACRO

```

emph_current_bold =      ! TRUE if this character is bolded.
  emphasis_bits<1,1>
x,
emph_current_underline = ! TRUE if this character is underlined.
  emphasis_bits<2,1>
x,
emph_current_emphasized = ! Both bolding and underlining together.
  emphasis_bits<1,2>
x,
emph_previous_bold =     ! TRUE if last character output was bolded.
  emphasis_bits<3,1>
x,
emph_previous_underline = ! TRUE if last character output was underlined.
  emphasis_bits<4,1>
x,
emph_previous_emphasized = ! Both bits together.
  emphasis_bits<3,2>
x;

```

```

!
! End of PASS.REQ
!

```

CONVRT REQ			FRMSTK REQ	GETQSC REQ					NDXCLI REQ	NDXRTY REQ				
	ECC REQ					KWITEM REQ						PHDEF REQ		RUNTAB REQ
		FLIPRECS REQ	FNCT REQ		GNCC REQ	IFSTK REQ			LSTOPS REQ			OUTOPT REQ		
				FSPACK REQ							NDXXPL REQ			
									MAXIMA REQ				POOL REQ	RUNHAN REQ
					GSLUCC REQ	INDEX REQ				NDXLIN REQ		PAGEN REQ		
DMDEFS REQ	FFDEFS REQ							LETTER REQ			NMLST REQ			
									MSG REQ				RNODEF REQ	
			FOOFIL REQ	GCA REQ										
DSRLIB REQ	FLGT REQ				HCT REQ	IRAC REQ				NDXPOL REQ		PASS REQ		
								LODEFS REQ				NUMPRM REQ		
									MSGTXT REQ	NBITS REQ				
			FOOREC REQ										PDT REQ	RNOMAC REQ
						KC REQ								
	FLIRCHARS REQ				HLC REQ			LSTBTS REQ			OPDEV REQ			