

Version: 'V04-000'

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++
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

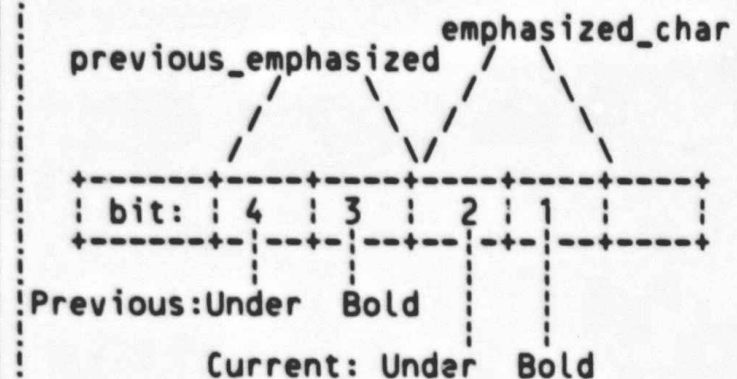
```

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

```
!      End of PASS.REQ
```


CONURT REQ	ECC REQ	FLIPRECS REQ	FNCT REQ	FMSTK REQ	GETQSC REQ	KWITEM REQ	LSTOPS REQ	NDXCLI REQ	NDXRTY REQ	PHDEF REQ	RUNTAB REQ
DIGIT REQ	FFDEFS REQ	FSPACK REQ	FSTACK REQ	GSLUCC REQ	INDEX REQ	MAXIMA REQ	NDXLIN REQ	NDXXPL REQ	OUTOPT REQ	POOL REQ	RUNHAN REQ
DMDEFS REQ	FOOFIL REQ	GCA REQ	HCT REQ	HCT REQ	IRAC REQ	LETTER REQ	MSG REQ	NMLST REQ	PAGEN REQ	RNODEF REQ	
DSRLIB REQ	FLG1 REQ	FOOREC REQ	LODEFS REQ	MSGTXT REQ	NBTTT REQ	NUMPRM REQ	PASS REQ	NDXPOL REQ	PDT REQ	RNOMAC REQ	
	FLIRCHARS REQ	HLC REQ	LSTBTS REQ	OPDEV REQ							