

```

RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   00000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   00000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   00000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRR            RRR   UUU     UUU   NNN     NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNNNNN   NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNNNNN   NNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNNNNN   NNN   000      000   FFF           FFF
RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   NNN   000      000   FFFFFFFFFF   FFFFFFFFFF
RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   NNN   000      000   FFFFFFFFFF   FFFFFFFFFF
RRRRRRRRRRRRR   UUU     UUU   NNN     NNN   NNN   000      000   FFFFFFFFFF   FFFFFFFFFF
RRR            RRR   UUU     UUU   NNN     NNN   NNNNNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNNNNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNNNNN   000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNN     000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNN     000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNN     000      000   FFF           FFF
RRR            RRR   UUU     UUU   NNN     NNN   NNN     000      000   FFF           FFF
RRR            RRR   UUUUUUUUUUUUUUU   NNN     NNN   00000000  FFF           FFF
RRR            RRR   UUUUUUUUUUUUUUU   NNN     NNN   00000000  FFF           FFF
RRR            RRR   UUUUUUUUUUUUUUU   NNN     NNN   00000000  FFF           FFF
  
```

```

DDDDDDDD      MM      MM      DDDDDDDD      EEEEEEEEEEE  FFFFFFFFFFF  SSSSSSSSS
DDDDDDDD      MM      MM      DDDDDDDD      EEEEEEEEEEE  FFFFFFFFFFF  SSSSSSSSS
DD      DD      MMMM      MMMM      DD      DD      EE      FF      SS
DD      DD      MMMM      MMMM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EEEEEEEEE  FFFFFFFF      SSSSSS
DD      DD      MM      MM      DD      DD      EEEEEEEEE  FFFFFFFF      SSSSSS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DD      DD      MM      MM      DD      DD      EE      FF      SS
DDDDDDDD      MM      MM      DDDDDDDD      EEEEEEEEEEE  FF      SSSSSSSS
DDDDDDDD      MM      MM      DDDDDDDD      EEEEEEEEEEE  FF      SSSSSSSS

```

```

RRRRRRRR      EEEEEEEEEEE  QQQQQQ
RRRRRRRR      EEEEEEEEEEE  QQQQQQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RRRRRRRR      EEEEEEEEEEE  QQ      QQ
RRRRRRRR      EEEEEEEEEEE  QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EEEEEEEEEEE  QQQQ      QQ
RR      RR      EEEEEEEEEEE  QQQQ      QQ

```

Version: 'V04-000'

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**
FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:
  Defines literals and macros used in defining, controlling, and
  accessing the dynamic memory pool.

ENVIRONMENT:   Transportable BLISS

AUTHOR:        Rich Friday

CREATION DATE: 1978

MODIFIED BY:

  004      KAD00004      Keith Dawson      07-Mar-1983
           Global edit of all modules. Updated module names, idents,
           copyright dates. Changed require files to BLISS library.

```

MACRO Structures defining information stored in a dynamic memory pool.

```

POOL = VECTOR [POOL_CNTRL_SIZE] %,
PAD = VECTOR [PAD_CNTRL_SIZE] %;

```

```

LITERAL
POOL_CNTRL_SIZE = 3;      !Size of POOL control area.
PAD_CNTRL_SIZE = 2;      !Size of a Pooled Area Descriptor.

```

```
! Offsets into pool control area (POOL) and pool area descriptor (PAD).
LITERAL
  POOL_MAX_PADS   = 0,    !Maximum number of PADS that can be accommodated.
  POOL_ACT_PADS   = 1,    !Current number of allocated PADS.
  POOL_ACT_SIZE   = 2;    !Number of BPVALS in pool control area.

LITERAL
  PAD_SIZE        = 0,    !Size of pooled area (BLISS VALUES).
  PAD_ADDRESS     = 1;    !Start of pooled area.

! The GET_SEG_ADDR macro returns the starting address of a segment from the
! specified pool.
MACRO
  GET_SEG_ADDR(AREA,INDEX) =
    BEGIN
    LOCAL
      PADTAB : REF VECTOR,
      PADTAB = .AREA+POOL_CNTRL_SIZE*%UPVAL;
      .PADTAB[PAD_CNTRL_SIZE*(INDEX-1)+PAD_ADDRESS]
    END
  %:

!                               End of DMDEFS.REQ
```

A grid of small technical diagrams or reference pages, each labeled with a specific name and "REQ".

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