


```
BBBBBBBBB      SSSSSSSS  TTTTTTTTTT  RRRRRRRR  UU      UU      CCCCCC
BBBBBBBBB      SSSSSSSS  TTTTTTTTTT  RRRRRRRR  UU      UU      CCCCCC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BBBBBBBBB      SSSSSS    TT      RRRRRRRR  UU      UU      CC
BBBBBBBBB      SSSSSS    TT      RRRRRRRR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BB      BB      SS      TT      RR      RR  UU      UU      CC
BBBBBBBBB      SSSSSSSS  TT      RR      RR  UUUUUUUUUU  CCCCCCCC
BBBBBBBBB      SSSSSSSS  TT      RR      RR  UUUUUUUUUU  CCCCCCCC
```

```
RRRRRRRR      EEEEEEEEE  QQQQQQ
RRRRRRRR      EEEEEEEEE  QQQQQQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RRRRRRRR      EEEEEEEE  QQ      QQ
RRRRRRRR      EEEEEEEE  QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EEEEEEEEE  QQQQ  QQ
RR      RR      EEEEEEEEE  QQQQ  QQ
```

BSTRUC.REQ - BASED STRUCTURE DECLARATIONS FILE

Version: 'V04-000'

```

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```

EXTERNAL ROUTINE ACCESS_CHECK: WEAK;
LITERAL NULL = 0;

THIS MACRO IS FOR DEBUGGING PURPOSES ONLY !
IT SHOULD BE A NO-OP ULTIMATELY.

MACRO BS_DEBUG = 0%;

```

MACRO DISPOSE(SNAME,P)
=
  FREERELASE(.(P), %NAME (%STRING(SNAME),'_', 'ALLOC'));
  (P) = NULL;
%

```

```

MACRO NEW(SNAME,P)
=
  (P) = FREEZ(%NAME (%STRING(SNAME), '_', 'ALLOC'))
%

```

```

MACRO BASED1(NAME)
  [FFIELD,OFFSET,POS,SIZE,SIGN]
=

```

```
MACRO %QUOTE %NAME(%STRING(NAME),'_',%STRING(FIELD)) (PTR)
```

```
=  
BLOCK[ (      IF BS_DEBUG  
              THEN ( IF (PTR) EQL NULL  
                      THEN ACCESS_CHECK()  
                      ELSE (PTR))  
              ELSE (PTR)),  
          OFFSET,POS,SIZE,SIGN]
```

```
%QUOTE %
```

```
%:
```

```
MACRO BASED_STRUCTURE(NAME,ENTRY_SIZE) []
```

```
=  
LITERAL %NAME (%STRING(NAME), '_', 'ALLOC') = ENTRY_SIZE ;  
BASED1 (NAME,%REMAINING) %;
```

```
!  
!
```

```
BSTRUC.REQ - LAST LINE
```

