



```

FFFFFFFFF 000000 RRRRRRR LL IIIII BBBB8888
FFFFFFFFF 000000 RRRRRRR LL IIIII BBBB8888
FF 00 00 RR RR LL II BB BB
FF 00 00 RR RR LL II BB BB
FF 00 00 RR RR LL II BB BB
FF 00 00 RR RR LL II BB BB
FFFFFFFF 00 00 RRRRRR LL II BBBB8888
FFFFFFFF 00 00 RRRRRR LL II BBBB8888
FF 00 00 RR RR LL II BB BB
FF 00 00 RR RR LL II BB BB
FF 00 00 RR RR LL II BB BB
FF 000000 RR RR LLLLLLLLL IIIII BBBB8888
FF 000000 RR RR LLLLLLLLL IIIII BBBB8888

```

```

RRRRRRR EEEEEEEEE QQQQQ
RRRRRRR EEEEEEEEE QQQQQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RRRRRRR EEEEEEEE QQ QQ
RRRRRRR 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

```

FORTRAN Run-Time Library specific macros and symbols  
 File: FORLIB.REQ, Edit: SBL1003

```

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```

Author: Steven B. Lionel, 23-September-1982

1-001 - Original. SBL 23-September-1982  
 1-002 - Add FORMACROS.REQ. 1-Mar-1983  
 1-003 - Add FORRCE.R32. SBL 2-Jun-1983

+ This file is the master source for FORLIB.L32.  
 It contains definitions for macros and symbols used internally to the  
 FORTRAN Run-Time Library.

```

SWITCHES ADDRESSING_MODE (EXTERNAL=GENERAL, NONEXTERNAL=WORD_RELATIVE);
LIBRARY 'RTLSTARLE';           ! SYS$LIBRARY:STARLET.L32
REQUIRE 'RTLML:FORERR';      ! FOR$_ error codes
REQUIRE 'RTLIN:FORFMT';     ! FORMAT codes and fields
REQUIRE 'RTLIN:FORMACROS';  ! FORTRAN-specific macros
REQUIRE 'RTLML:FORMSG';     ! FOR$_ error codes
REQUIRE 'RTLIN:FORNML';     ! NAMELIST definitions
REQUIRE 'RTLIN:FOROPN';     ! OPEN definitions
REQUIRE 'RTLML:FORPAR';     ! Assorted definitions

```

```
REQUIRE 'RTLML:FORRCE';           ! RFA Cache Entry structure
REQUIRE 'RTLML:OTSISB.BLF';       ! Intra-statement block definitions
UNDECLARE %QUOTE ISB;
REQUIRE 'RTLML:OTSLUB.BLF';       ! Logical Unit Block definitions
UNDECLARE %QUOTE LUB;

!+
! Define macro that declares the CCB structure. Note that it has no
! allocation size - it must be used in a REF declaration.
!-

MACRO
  $FOR$CCB_DECL = BLOCK [, BYTE] FIELD (LUB$FIELDSET, ISB$FIELDSET) %;
REQUIRE 'RTLIN:OTSCCBREQ';        ! OTS CCB data structure definitions
                                   ! (Must come after OTSISB and OTSLUB)
REQUIRE 'RTLIN:OTSLNK';          ! Common linkage definitions
REQUIRE 'RTLIN:OTSMAC';          ! Common macros
! End of file FORLIB.REQ
```

