


```

      JJ  NN      NN  LL      BBBB8888  UU      UU      SSSSSSSS  RRRRRRRR
      JJ  NN      NN  LL      88888888  UU      UU      SSSSSSSS  RRRRRRRR
      JJ  NN      NN  LL      BB      BB  UU      UU  SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU  SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU  SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU  SS      RR      RR
      JJ  NN  NN  NN  LL      88888888  UU      UU      SSSSSS  RRRRRRRR
      JJ  NN  NN  NN  LL      88888888  UU      UU      SSSSSS  RRRRRRRR
      JJ  NN      NNNN LL      BB      BB  UU      UU      SS      RR      RR
      JJ  NN      NNNN LL      BB      BB  UU      UU      SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU      SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU      SS      RR      RR
      JJ  NN      NN  LL      BB      BB  UU      UU      SS      RR      RR
      JJJJJJ NN      NN  LLLLLLLLLL  88888888  UUUUUUUUUU  SSSSSSSS  RR      PR
      JJJJJJ NN      NN  LLLLLLLLLL  88888888  UUUUUUUUUU  SSSSSSSS  RR      PR

```

```

RRRRRRRR 333333 222222
RRRRRRRR 333333 222222
RR      RR 33      33 22      22
RR      RR 33      33 22      22
RR      RR 33      33 22      22
RR      RR 33      33 22      22
RRRRRRRR      33      22
RRRRRRRR      33      22
RR  RR      33      22
RR  RR      33      22
RR      RR 33      33 22
RR      RR 33      33 22
RR      RR 333333 2222222222
RR      RR 333333 2222222222

```

JNLBUSR.R32 - Bliss macros for initializing user structures.
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: Common Journaling Facility interface from BLISS-32

Abstract:

This file is to be used as a REQUIRE FILE in any BLISS-32 program using CJF. Its MACROs permit the BLISS-32 program to allocate and statically initialize the control blocks of interest to CJF, and dynamically initialize these control blocks.

Environment:

Author: Larry Yetto, Creation date: 15-APR-1982

Modified by:

- V03-002 JSV0293 Joost Verhofstad 19-MAY-1983
Make JSB changes
- V03-001 GJA0009 Greg J. Awdziewicz, 23-Jul-1982 12:42
Service calls removed. They are now written in Macro and converted to Bliss by MARBLI. See JNLCALLS.MAR

--

++

\$CJF_BITS

Used to initial a field to the logical OR of one or more named bits.

\$CJF_BITS (PREFIX , VALUE) where PREFIX is the character prefix to attach to each value, and VALUE is one bitname or a list of bits in the form <A,B,C>

--
MACRO

```

$CJF_OR [ ] =
  OR %;

$CJF_BLDSTR ( P , V ) [ ] =
  %NAME( P , V ) $CJF_OR( %REMAINING ) $CJF_BLDSTR( P , %REMAINING ) %;

$CJF_BITS ( PREFIX , VALUE ) =
  %IF %NULL( VALUE )
  %THEN 0
  %ELSE $CJF_BLDSTR ( PREFIX,%REMOVE( VALUE ) )
  %FI %;

```

++

\$JSB_DECL

Used to declare a Journal Specification Block where initialization is not required.

--
MACRO

```

$JSB_DECL =
  BLOCK[JSB%_LENGTH, BYTE] %;

```

++

\$JSB

Used to allocate and statically initialize a Journal Specification Block.

--
KEYWORDMACRO

```

$JSB ( JNLNAM,          JNLDEV = JSB%_DISK,  JNLTYP = %X'FF',
  MASK = %X'FFFFFFFF',  APPLID = 0,          FACCOD = 0,
  MAXSIZ = 600,         FILSIZ = 50,        BUFSIZ = 1,
  FILEXT = 10,         QUOTA = 0,          PROT = %X'FFFO',
  ACMODE = JSB%_USER,  UIC = 0,           FLAGS = CREATE,
  ACPNAM,              COPIES = 0,         EXPDAT,
  PRINAMDES = 0,      PRIRESDES = 0,       PRIRESLEN = 0,
  JNLNAMLEN=0,       ACPNAMLEN = 0
  ) =
$JSB_DECL

```

```
PRESET (
[ JSBSB_JNLDEV ] = JNLDEV ,
[ JSBSB_JNLTYF ] = JNLTYF ,
[ JSBSL_MASK ] = MASK ,
[ JSBSW_APPLID ] = APPLID ,
[ JSBSW_FACCOD ] = FACCOD ,
[ JSBSW_MAXSIZ ] = MAXSIZ ,
[ JSBSL_FILSIZ ] = FILSIZ ,
[ JSBSW_BUFSIZ ] = BUFSIZ ,
[ JSBSW_FILEXT ] = FILEXT ,
[ JSBSL_QUOTA ] = QUOTA ,
[ JSBSW_PROT ] = PROT ,
[ JSBSB_ACMODE ] = ACMODE ,
[ JSBSL_UIC ] = UIC ,
[ JSBSL_FLAGS ] = %CJF BITS ( JSBSM_ , FLAGS ) ,
[ JSBSB_COPIES ] = COPIES ,
[ JSBSW_JNLNAMLEN ] = JNLNAMLEN ,
[ JSBSW_ACPNAMLEN ] = ACPNAMLEN ,
[ JSBSL_PRINAMDES ] = PRINAMDES ,
[ JSBSL_PRIRESDES ] = PRIRESDES ,
[ JSBSL_PRIRESLEN ] = PRIRESLEN
) % ;
```

UNLBUFR	R32
UNLDEFINT	SDL
CJFU4	
CJFRUFMAC	SDL
RUFUSR	SDL
UNLFILE	SDL
UPGRADE	LIS
UNLDEF	SDL
BOPTIONS	R32