

JNLBUSR.R32 - Bliss macros for initializing user structures.

Version 'V04-000'

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++ 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

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|++

\$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.

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MACRO

```
$JSB_DECL =
  BLOCK[JSB$C_LENGTH,BYTE] %;
```

|++

\$JSB

Used to allocate and statically initialize a Journal Specification Block.

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KEYWORDMACRO

```
$JSB ( JNLNAM, JNLDEV = JSB$C_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$C_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_JNLTY ] = JNLTY ,
[ 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
BOPTIONS R32
UNLDEF SDL