

-- BcdUtilDefs.Mesa Edited by Johnsson on April 12, 1978 4:30 PM

## DIRECTORY

```
BcdDefs: FROM "bcddefs",
BcdTabDefs: FROM "bcdtabdefs",
BcdTreeDefs: FROM "bcdtreedefs",
StringDefs: FROM "stringdefs",
TableDefs: FROM "tabledefs";
```

## DEFINITIONS FROM BcdDefs;

```
BcdUtilDefs: DEFINITIONS =
BEGIN
```

```
HTIndex: TYPE = BcdTabDefs.HTIndex;
```

```
BcdBases: TYPE = RECORD [
  etb, mtb, ctb, itb, sgb, ftb, ntb: TableDefs.TableBase,
  ssb: POINTER TO BcdDefs.PackedString];
```

```
BcdBasePtr: TYPE = POINTER TO BcdBases;
```

```
BcdLimits: TYPE = RECORD [
  ft: FTIndex,
  ct: CTIndex,
  mt: MTIndex,
  et: EXPIndex,
  it: IMPIndex,
  sg: SGIndex,
  nt: NTIndex];
```

```
BcdLimitPtr: TYPE = POINTER TO BcdLimits;
```

```
EnterName: PROCEDURE [ss: StringDefs.SubString] RETURNS [NameRecord];
MapName: PROCEDURE [bcd: BcdBasePtr, n: NameRecord] RETURNS [NameRecord];
HtiForName: PROCEDURE [bcd: BcdBasePtr, n: NameRecord] RETURNS [HTIndex];
NameForHti: PROCEDURE [hti: BcdTabDefs.HTIndex] RETURNS [NameRecord];
NameForSti: PROCEDURE [sti: BcdTabDefs.STIndex] RETURNS [NameRecord];
ContextForTree: PROCEDURE [t: BcdTreeDefs.TreeLink]
  RETURNS [BcdTabDefs.CXIndex];
CopyTreeContext: PROCEDURE [t: BcdTreeDefs.TreeLink]
  RETURNS [BcdTabDefs.CXIndex];
EquivalentVersions: PROCEDURE [v1, v2: POINTER TO BcdDefs.VersionStamp]
  RETURNS [BOOLEAN];
MergeFile: PROCEDURE [bcd: BcdBasePtr, oldfti: FTIndex]
  RETURNS [fti: FTIndex];
EnterFile: PROCEDURE [name: STRING]
  RETURNS [fti: FTIndex];
SetFileVersion: PROCEDURE [fti: FTIndex, v: BcdDefs.VersionStamp];
GftOverflow: SIGNAL;
GetGfi: PROCEDURE [n: CARDINAL] RETURNS [gfi: GFTIndex];
GetDummyGfi: PROCEDURE [n: CARDINAL] RETURNS [gfi: CARDINAL];
NewContext: PROCEDURE RETURNS [cxi: BcdTabDefs.CXIndex];
NewSemanticEntry: PROCEDURE [hti: HTIndex]
  RETURNS [sti: BcdTabDefs.STIndex];
EnterModule: PROCEDURE [bcd: BcdBasePtr, oldmti: MTIndex, name: HTIndex]
  RETURNS [mti: MTIndex];
EnterSegment: PROCEDURE [seg: SGRecord]
  RETURNS [sgi: SGIndex];
EnterImport: PROCEDURE [bcd: BcdBasePtr, olditi: IMPIndex, name: HTIndex]
  RETURNS [iti: IMPIndex];
EnterExport: PROCEDURE [bcd: BcdBasePtr, oldeti: EXPIndex, name: HTIndex]
  RETURNS [eti: EXPIndex];
EnterConfig: PROCEDURE [bcd: BcdBasePtr, oldcti: CTIndex, name: HTIndex]
  RETURNS [cti: CTIndex];
CreateInstanceName: PROCEDURE [hti: HTIndex, item: Namee];
```

```
-- timing procedures
```

```
TimeNow: PROCEDURE RETURNS [CARDINAL];
```

```
TimeSince: PROCEDURE [start: CARDINAL] RETURNS [CARDINAL];
```

```
-- Administrative Procedures
```

```
InitUtilities: PROCEDURE;
```

```
EraseUtilities: PROCEDURE;
```

```
END.
```