

```
-- File: BootCacheDefs.Mesa
-- Last edited by Sandman; May 10, 1978 9:28 AM
```

DIRECTORY

```
AllocDefs: FROM "allocdefs",
AltoDefs: FROM "altodefs",
AltoFileDefs: FROM "altofiledefs",
SegmentDefs: FROM "segmentdefs";
```

DEFINITIONS FROM BootCacheDefs;

```
BootCacheDefs: DEFINITIONS =
BEGIN
```

```
CoreSegmentObject: TYPE = RECORD [
  segment: SegmentDefs.FileSegmentHandle,
  old: BOOLEAN,
  page: [0..256)];
```

```
CoreSegment: TYPE = POINTER TO CoreSegmentObject;
```

```
PageNumber: TYPE = AltoDefs.PageNumber;
vDA: TYPE = AltoFileDefs.vDA;
PageItem: TYPE = RECORD [page: PageNumber, da: vDA];
PageItemPtr: TYPE = POINTER TO PageItem;
```

```
InitCoreCache: PROCEDURE [name: STRING, FirstVMPPage, LastVMPPage: PageNumber];
CloseCoreCache: PROCEDURE;
FlushCoreCache: AllocDefs.SwappingProcedure;
NewCoreSegment: PROCEDURE [p: POINTER TO PageItem, cs: CoreSegment];
GetCS: PROCEDURE [p: PageItem] RETURNS [SegmentDefs.FileSegmentHandle];
BadReadWrite: ERROR;
GetPageItem: PROCEDURE [page: CARDINAL] RETURNS [p: PageItem];
SetPageItem: PROCEDURE [page: CARDINAL, p: PageItem];

GetCoreFile: PROCEDURE RETURNS [SegmentDefs.FileHandle];
SetCoreFile: PROCEDURE [file: SegmentDefs.FileHandle];
```

```
READ: PROCEDURE [UNSPECIFIED] RETURNS [UNSPECIFIED];
WRITE: PROCEDURE [a,v: UNSPECIFIED];
```

```
SetDefaultCacheSize: PROCEDURE [CARDINAL];
```

```
BootCache: PROGRAM;
```

```
END.
```