

-- Filemap.mesa Edited by Sandman on August 30, 1977 10:29 AM

DIRECTORY

IODefs: FROM "iodefs",
SegmentDefs: FROM "segmentdefs";

DEFINITIONS FROM IODefs, SegmentDefs;

FileMap: PROGRAM IMPORTS IODefs, SegmentDefs SHARES SegmentDefs = PUBLIC BEGIN

```
PrintFile: PROCEDURE [file:FileHandle] RETURNS [BOOLEAN] =
  BEGIN OPEN file;
  WriteString["SN"]; WriteOctal[fp.serial.part2];
  WriteString[" @ "]; WriteOctal[fp.leaderDA]; WriteChar[SP];
  WriteDecimal[lock]; WriteString[" locks "];
  WriteDecimal[segcount]; WriteString[" segs "];
  WriteDecimal[swapcount]; WriteString[" swap"];
  IF read OR write OR append THEN WriteChar[' '];
  IF read THEN WriteChar['R'];
  IF write THEN WriteChar['W'];
  IF append THEN WriteChar['A'];
  IF open THEN WriteString[" open"];
  WriteChar[CR];
  RETURN[~More[]];
  END;
```

```
lc: INTEGER;
full: INTEGER = 18;
```

```
More: PROCEDURE RETURNS [BOOLEAN] =
  BEGIN c: CHARACTER;
  IF (lc + lc+1) >= full THEN
    BEGIN lc + 0;
    DO -- until non-random input
      SELECT (c + ReadChar[]) FROM
        SP,CR,LF => EXIT;
        DEL => RETURN[FALSE];
      ENDCASE;
    ENDOLOOP;
  END;
  RETURN[TRUE]
  END;
```

```
DO lc + 0; WriteChar[CR];
[] + EnumerateFiles[PrintFile];
WriteChar[CR]; STOP;
ENDLOOP;
```

END.