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Identification

copy_seg
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Purpose

At several points in the course of creating a process, it is necessary to produce a copy of a given segment. Copy_seg provides this facility.

Discussion

Copy_seg is a simple utility procedure which produces a copy of a specific segment. The calling sequence of copy_seg is:

```
call copy_seg (dpath,entry,dir_pathname,copy_name,csegptr,code);
```

```
dcl      dpath      char (*),
        entry      char (*),
        dir_pathname char (*),
        copy_name   char (*),
        csegptr     ptr,
        code        fixed bin(17);
```

where:

dpath is the pathname of the directory in which the segment to be copied exists

entry is the entry name in dpath of the segment to be copied

dir_pathname is the pathname of the directory into which the copy is to be put.

copy_name is the name by which the copy will be known in dir_pathname.

code is a status code returned to the caller.

In order to accomplish its task, copy_seg first calls file system primitive appendb (see Section BG.8.02) to append the branch "copy_name" to the directory "dir_pathname". Then copy_seg merely copies each word of the segment to be copied into the corresponding word of the segment "copy_name". Copy_seg returns to its caller.