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Identification

Return Calling Directory Path Name

cdir

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Purpose

The function cdir returns the path name of the directory in which a segment (or its original) resides.

Usage

```
calling_dir = cdir (callerptr);
```

```
dcl (cdir external entry, calling_dir) char (511) varying,  
callerptr ptr;
```

Implementation

The cdir function uses two Segment Management Module primitives, get\_orig\_segno and get\_path\_name (section BD.3.02). Get\_orig\_segno checks to see if the segment callerptr is actually a copy of some other segment initiated for the same process; if so, it obtains the pointer to the original segment. Get\_path\_name gets the path name of the original segment (be it callerptr or that returned by get\_orig\_segno). cdir ignores the entry name and returns the path name of the directory.

If the segment callerptr is not initiated for the process then cdir returns a zero length character string.