

## Identification

expand  
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## Purpose

The PL/I language includes in it the ability to expand macros at compile time. The expand command and expand\_seg (BY.21.01) library procedure answer this need.

## Usage

```
expand pathname -mode-
```

will cause the segment located in the file system directory at pathname to be scanned as described in BY.21.01, creating the output segment at pathname.expanded with the access mode mode. The "brief" option controls expand's verbosity.

```
dc1 pathname char(*) /*or char(*) varying*/  
mode char (5) /*or char (5) varying*/;
```

pathname is the path name of the segment to be scanned and may be specified relative to the root directory or to the current working directory (with or without a ">" as the first character).

mode is the access mode for the new segment pathname.expanded. It consists of any combination of the characters T, R, E, W and A (representing the modes Trap, Read, Execute, Write and Append, respectively).

If mode is a zero-length character string, then expand uses the access mode of the segment pathname.

## Implementation

expand calls the library procedure expand\_seg (section BY.21.01) to scan the segment and create the output segment. Status returned from expand\_seg is reflected to the user as console comments.