

**FORK(c)**

**FORK(c)**

**NAME**

fork — change count on open files and add capabilities

**SYNOPSIS**

fork = 6.

**ARGUMENTS(input)**

- 0 - number of capability entries
- 1 - process number
- 2 - count value
- 3 - capability slot number
- 4 - capability owner
- 5 - capability value
- 6,7,8 - repeat of 3,4,5
- ...
- up to n capability entries

**VALUES(returned)**

3 - capability slot number for capability specified.

**DESCRIPTION**

The *fork* message is used to increment(decrement) the open count on the files specified by the capability entries in the message by the *count* value. The corresponding capabilities are added to the PCB of the process specified by argument 1 if the *count* value is positive; otherwise the corresponding capabilities are deleted from the process PCB. The slot in which the capability is put is returned in the corresponding place in the message which specified the capability slot number.

**SEE ALSO**

**DIAGNOSTICS**

A -1 value is returned for the appropriate capability value if the capability is bad.