MULTICS SYSTEM-PROGRAMMERS " MANUAL

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Identification

Addendum to the Interprocess Communication Facility Michael J. Spier

Additional calls

The following two calls have been added:

call ecmScutoff(ev_chn) makes the event channel "ev_chn" unavailable to sending processes ("cuts off" communications on that channel). The "channel inhibit" flag is set to "on" in the event channel entry. Set_event does not access an inhibited channel. All other ECM modules are unaffected by this flag.

call ecm\$reconnect(ev_chn) resets the flag and makes the event channel once more accessible to sending processes.

A newly created channel is, by default, "uninhibited", its inhibit flag is preset to "off".

Changes in Set-event

The set_event procedure now tests a channel's inhibit flag before accessing it. After having successfully terminated the event signalling, set_event once more reads this flag. Test_event now returns as status indicators the receiving process' wakeup flag and the event channel's inhibit flag.