NAME

pmc_start, pmc_stop - start and stop a PMC

LIBRARY

Performance Counters Library (libpmc, -lpmc)

SYNOPSIS

#include <pmc.h>

int
pmc_start(pmc_id_t pmc);

int
pmc_stop(pmc_id_t pmc);

DESCRIPTION

These functions are used to start and stop a PMC.

Function **pmc_start**() starts the PMC specified by argument *pmc*. If the specified PMC has process scope and has not been attached to any targets, it will be attached to the current process.

Function **pmc_stop**() stops the PMC specified by argument *pmc*.

RETURN VALUES

Upon successful completion, the value 0 is returned; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

A call to these functions may fail with the following errors:

[EDOOFUS]	Function pmc_start () specified a PMC that requires a log file and no log file was configured.
[EINVAL]	The specified PMC is in the process of being deleted.
[EINVAL]	Function pmc_stop () specified a PMC that was never started.
[ENXIO]	The specified PMC had system scope and its associated CPU was disabled or absent.

SEE ALSO

pmc(3), hwpmc(4)