

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)