

NAME

pmc_get_driver_stats - retrieve driver statistics

LIBRARY

Performance Counters Library (libpmc, -lpmc)

SYNOPSIS

```
#include <pmc.h>
```

```
int
```

```
pmc_get_driver_stats(struct pmc_driverstats *gms);
```

DESCRIPTION

The function **pmc_get_driver_statistics()** retrieves a snapshot of the usage statistics maintained by **hwpmc(4)** into the memory area pointed to by argument *gms*.

The returned structure includes the following fields:

<code>pm_intr_ignored</code>	The number of sampling interrupts ignored.
<code>pm_intr_processed</code>	The number of sampling interrupts processed.
<code>pm_intr_bufferfull</code>	The number of sampling interrupts dropped due to lack of space in the sample buffer.
<code>pm_syscalls</code>	The number of system calls into hwpmc(4) .
<code>pm_syscalls_errors</code>	The number of system calls into hwpmc(4) that failed.
<code>pm_buffer_requests</code>	The number of log buffer requests so far.
<code>pm_buffer_requests_failed</code>	The number of log buffer requests that failed due to lack of buffers.
<code>pm_log_sweeps</code>	The number of sample buffer processing sweeps.

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.

SEE ALSO

pmc(3), **hwpmc(4)**