NAME
pmap_qenter, **pmap_qremove** - manage temporary kernel space mappings

SYNOPSIS
#include <sys/param.h>
#include <vm/vm.h>
#include <vm/pmap.h>

void
pmap_qenter(*vm_offset_t sva*, *vm_page_t *m*, *int count*);

void
pmap_qremove(*vm_offset_t sva*, *int count*);

DESCRIPTION
The **pmap_qenter**() function accepts a linear array of *count* pointers to wired pages **m*, and enters each of these pages into the kernel virtual address (KVA) space, beginning at the address *sva*. The pages are mapped non-executable, if possible. (For example, non-PAE i386 has no capability to map pages non-executable.)

The **pmap_qremove**() function tears out a mapping from the kernel virtual address space, beginning at *sva* and for *count* pages.

IMPLEMENTATION NOTES
The **pmap_qenter**() function is intended for temporary mappings that do not require page modification or reference counting. Old mappings are simply overwritten. The pages *must* be wired into physical memory.

The corresponding **pmap_qremove**() function is intended to remove such temporary mappings.

SEE ALSO
pmap(9)

AUTHORS
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