NAME

pmap_remove, **pmap_remove_all**, **pmap_remove_pages** - remove pages from a physical map

SYNOPSIS

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

void
pmap_remove(*pmap_t pmap*, *vm_offset_t sva*, *vm_offset_t eva*);

void
pmap_remove_all(*vm_page_t m*);

void
pmap_remove_pages(*pmap_t pmap*);

DESCRIPTION

The **pmap_remove**() function removes the range of addresses between *sva* and *eva* from the physical map *pmap*. If *eva* is less than *sva*, then the result is undefined. It is assumed that both *sva* and *eva* are page-aligned addresses.

The **pmap_remove_all**() removes the physical page *m* from all physical maps in which it resides, and reflects back the modify bits to the appropriate pager.

The **pmap_remove_pages**() function removes all user pages from the physical map *pmap*. This function is called when a process exits to run down its address space more quickly than would be the case for calling **pmap_remove**().

SEE ALSO

pmap(*9*)

AUTHORS

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