

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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