

NAME

pmap_copy, **pmap_copy_page** - copy physical memory pages

SYNOPSIS

```
#include <sys/param.h>
```

```
#include <vm/vm.h>
```

```
#include <vm/pmap.h>
```

void

```
pmap_copy(pmap_t dst_pmap, pmap_t src_pmap, vm_offset_t dst_addr, vm_size_t len,  
           vm_offset_t src_addr);
```

void

```
pmap_copy_page(vm_page_t src, vm_page_t dst);
```

DESCRIPTION

The **pmap_copy()** function copies the range specified by *src_addr* and *len* from the source physical map *src_pmap* to the destination physical map *dst_pmap* at the address *dst_addr*.

The **pmap_copy_page()** function copies the physical page *src* to the physical page *dst*, by mapping the page into kernel virtual address space (KVA), and using **bcopy()** to copy the page.

IMPLEMENTATION NOTES

The **pmap_copy()** routine is only advisory and need not do anything. Actually implementing it may seriously reduce system performance.

The **pmap_copy_page()** routine only operates upon a single page.

SEE ALSO

bcopy(3), **pmap(9)**

AUTHORS

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