

NAME

pmap_mincore - determine if a virtual address is resident in physical memory

SYNOPSIS

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

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

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

int

```
pmap_mincore(pmap_t pmap, vm_offset_t addr);
```

DESCRIPTION

The **pmap_mincore**() function determines if the page at the virtual address *addr* in the physical map *pmap* is resident in physical memory. It is the machine-dependent interface used by the `mincore(2)` system call.

RETURN VALUES

If the page is resident in physical memory, a mask of flags is returned, whose meaning is documented in `mincore(2)`; otherwise, 0 is returned.

The *pmap* must exist and *addr* must be mapped into the *pmap*. If any error occurs, the machine-dependent implementation should return 0.

SEE ALSO

`mincore(2)`, `pmap(9)`

AUTHORS

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