

**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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