

**NAME**

**pmap\_page\_exists\_quick** - determine if a page exists in a physical map

**SYNOPSIS**

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

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

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

*boolean\_t*

```
pmap_page_exists_quick(pmap_t pmap, vm_page_t m);
```

**DESCRIPTION**

The **pmap\_page\_exists\_quick**() function is used to quickly determine if the page *m* exists in the physical map *pmap*. It is typically called from the VM paging code.

**IMPLEMENTATION NOTES**

The PV count used above may be changed upwards or downwards in future; it is only necessary that TRUE be returned for a small subset of pmaps for proper page aging.

**RETURN VALUES**

The **pmap\_page\_exists\_quick**() returns TRUE only if the PV entry for the physical map *pmap* is one of the first 16 PVs linked from the page *m*.

**SEE ALSO**

pmap(9)

**AUTHORS**

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