

**NAME**

**pmap\_zero\_page**, **pmap\_zero\_area** - zero-fill a page using machine-dependent optimizations

**SYNOPSIS**

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

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

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

*void*

```
pmap_zero_page(vm_page_t m);
```

*void*

```
pmap_zero_page_area(vm_page_t m, int off, int size);
```

**DESCRIPTION**

The **pmap\_zero\_page()** function zero-fills an entire page using machine-dependent optimizations. The **pmap\_zero\_page\_area()** function is used to zero-fill an area of a page. The range specified must not cross a page boundary; it must be contained entirely within a single page.

**IMPLEMENTATION NOTES**

This function is required to be implemented for each architecture supported by FreeBSD.

**SEE ALSO**

bzero(3), pmap(9)

**AUTHORS**

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