

**NAME**

**kvm\_geterr** - get error message on kvm descriptor

**LIBRARY**

Kernel Data Access Library (libkvm, -lkvm)

**SYNOPSIS**

```
#include <kvm.h>
```

```
char *
```

```
kvm_geterr(kvm_t *kd);
```

**DESCRIPTION**

This function returns a string describing the most recent error condition on the descriptor *kd*. The results are undefined if the most recent `kvm(3)` library call did not produce an error. The string returned is stored in memory owned by `kvm(3)` so the message should be copied out and saved elsewhere if necessary.

**RETURN VALUES**

The function `kvm_geterr()` will return "" if *kd* is NULL or an error has not been captured for *kd*.

**SEE ALSO**

`kvm(3)`, `kvm_close(3)`, `kvm_getargv(3)`, `kvm_getenvv(3)`, `kvm_getprocs(3)`, `kvm_nlist(3)`, `kvm_open(3)`, `kvm_openfiles(3)`, `kvm_read(3)`, `kvm_write(3)`

**BUGS**

This routine cannot be used to access error conditions due to a failed `kvm_openfiles()` call, since failure is indicated by returning a NULL descriptor. Therefore, errors on open are output to the special error buffer passed to `kvm_openfiles()`. This option is not available to `kvm_open()`.