

**NAME**

**ipsec\_strerror** - error messages for the IPsec policy manipulation library

**SYNOPSIS**

```
#include <netipsec/ipsec.h>
```

```
const char *
```

```
ipsec_strerror();
```

**DESCRIPTION**

<netipsec/ipsec.h> declares

```
extern int ipsec_errcode;
```

which is used to pass an error code from IPsec policy manipulation library to a user program. The **ipsec\_strerror()** function can be used to obtain the error message string for the error code.

The array pointed to is not to be modified by the program. Since **ipsec\_strerror()** uses `strerror(3)` as an underlying function, calling `strerror(3)` after **ipsec\_strerror()** would overwrite the return value from **ipsec\_strerror()** and make it invalid.

**RETURN VALUES**

The **ipsec\_strerror()** function always returns a pointer to C string. The C string must not be overwritten by the caller.

**SEE ALSO**

`ipsec_set_policy(3)`

**HISTORY**

The **ipsec\_strerror()** function first appeared in WIDE/KAME IPv6 protocol stack kit.

**BUGS**

The **ipsec\_strerror()** function will return its result which may be overwritten by subsequent calls.

*ipsec\_errcode* is not thread safe.