

**NAME**

error, verror – display formatted error notification and exit

**SYNOPSIS**

```
#include "mjsu.h"
```

```
VOID error(CHAR *fmt, ...);
VOID verror(CHAR *fmt, va_list ap);
```

**DESCRIPTION**

**error()** and **verror()** construct an error notification message of the form

```
error: message
```

and then display it, before terminating the calling process by making the call:

```
exit(EXIT_FAILURE);
```

The *message* is constructed from the format-specification *fmt* using subsequent arguments, in the same way as the standard **fprintf(3)** and **fprintf(3)** functions, respectively.

By default, the notification is emitted to standard-error, prefixed by the name of the current process (see **whatami(3)**), and followed by a newline.

That default method of display can be overridden using **notifier(3)** to install a callback function that displays the notification in another manner (eg: as a popup dialog with a different caption and a custom icon, or whatever).

**RETURNS**

**error()** and **verror()** do not return.

**EXAMPLE**

```
errcode = process();
if (errcode)
    error("failed with error-code %d", errcode);
...
```

**SEE ALSO**

**warning(3)**, **remark(3)**, **usage(3)**.

**notifier(3)**, **whatami(3)**, **mjsu(7)**.

**exit()**, **fprintf()**, **fprintf()**, as defined by ANSI X3.159-1989.

**AVAILABILITY**

These functions are written in C, conforming to ANSI X3.159-1989 (hosted program environment).