

**NAME**

**pam\_getenvlist** - returns a list of all the PAM environment variables

**SYNOPSIS**

```
#include <sys/types.h>
#include <security/pam_appl.h>
```

```
char **
pam_getenvlist(pam_handle_t *pamh);
```

**DESCRIPTION**

The **pam\_getenvlist()** function returns a copy of the given PAM context's environment list as a pointer to an array of strings. The last element in the array is NULL. The pointer is suitable for assignment to *environ*.

The array and the strings it lists are allocated using `malloc(3)`, and should be released using `free(3)` after use:

```
char **envlist, **env;

envlist = environ;
environ = pam_getenvlist(pamh);
/* do something nifty */
for (env = environ; *env != NULL; env++)
    free(*env);
free(envlist);
environ = envlist;
```

**RETURN VALUES**

The **pam\_getenvlist()** function returns NULL on failure.

**SEE ALSO**

`free(3)`, `malloc(3)`, `pam(3)`, `pam_getenv(3)`, `pam_putenv(3)`, `pam_setenv(3)`, `environ(7)`

**STANDARDS**

*X/Open Single Sign-On Service (XSSO) - Pluggable Authentication Modules*, June 1997.

**AUTHORS**

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