

NAME

`ldap_delete`, `ldap_delete_s`, `ldap_delete_ext`, `ldap_delete_ext_s` - Perform an LDAP delete operation.

LIBRARY

OpenLDAP LDAP (libldap, -lldap)

SYNOPSIS

```
#include <ldap.h>
```

```
int ldap_delete_s(ld, dn)
```

LDAP *ld;

char *dn;

```
int ldap_delete(ld, dn)
```

LDAP *ld;

char *dn;

```
int ldap_delete_ext(ld, dn, serverctrls, clientctrls, msgidp)
```

LDAP *ld;

char *dn;

LDAPControl **serverctrls, **clientctrls;

int *msgidp;

```
int ldap_delete_ext_s(ld, dn, serverctrls, clientctrls)
```

LDAP *ld;

char *dn;

LDAPControl **serverctrls, **clientctrls;

DESCRIPTION

The `ldap_delete_s()` routine is used to perform an LDAP delete operation synchronously. It takes *dn*, the DN of the entry to be deleted. It returns an LDAP error code, indicating the success or failure of the operation.

The `ldap_delete()` routine is used to perform an LDAP delete operation asynchronously. It takes the same parameters as `ldap_delete_s()`, but returns the message id of the request it initiated. The result of the delete can be obtained by a subsequent call to `ldap_result(3)`.

The `ldap_delete_ext()` routine allows server and client controls to be specified to extend the delete request. This routine is asynchronous like `ldap_delete()`, but its return value is an LDAP error code. It stores the message id of the request in the integer pointed to by *msgidp*.

The **ldap_delete_ext_s()** routine is the synchronous version of **ldap_delete_ext()**. It also returns an LDAP error code indicating success or failure of the operation.

ERRORS

ldap_delete_s() returns an LDAP error code which can be interpreted by calling one of **ldap_perror(3)** and friends. **ldap_delete()** returns -1 if something went wrong initiating the request. It returns the non-negative message id of the request if things went ok.

ldap_delete_ext() and **ldap_delete_ext_s()** return some Non-zero value if something went wrong initiating the request, else return 0.

SEE ALSO

ldap(3), **ldap_error(3)**

ACKNOWLEDGEMENTS

OpenLDAP Software is developed and maintained by The OpenLDAP Project <<http://www.openldap.org/>>. **OpenLDAP Software** is derived from the University of Michigan LDAP 3.3 Release.