

**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.