NAME

ldap_first_reference, ldap_next_reference, ldap_count_references - Stepping through continuation references in a result chain

LIBRARY

OpenLDAP LDAP (libldap, -lldap)

SYNOPSIS

#include <ldap.h>

int ldap_count_references(LDAP *ld, LDAPMessage *result)

LDAPMessage *ldap_first_reference(LDAP *ld, LDAPMessage *result)

LDAPMessage *ldap_next_reference(LDAP *ld, LDAPMessage *reference)

DESCRIPTION

These routines are used to step through the continuation references in a result chain received from **ldap_result**(3) or the synchronous LDAP search operation routines.

The **ldap_first_reference**() routine is used to retrieve the first reference message in a result chain. It takes the *result* as returned by a call to **ldap_result**(3), **ldap_search_s**(3) or **ldap_search_st**(3) and returns a pointer to the first reference message in the result chain.

This pointer should be supplied on a subsequent call to **ldap_next_reference**() to get the next reference message, the result of which should be supplied to the next call to **ldap_next_reference**(), etc. **ldap_next_reference**() will return NULL when there are no more reference messages. The reference messages returned from these calls are used by **ldap_parse_reference**(3) to extract referrals and controls.

A count of the number of reference messages in the search result can be obtained by calling **ldap_count_references()**. It can also be used to count the number of reference messages remaining in a result chain.

ERRORS

If an error occurs in **ldap_first_reference()** or **ldap_next_reference()**, NULL is returned. If an error occurs in **ldap_count_references()**, -1 is returned.

SEE ALSO

ldap(3), ldap result(3), ldap search(3), ldap parse reference(3)

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