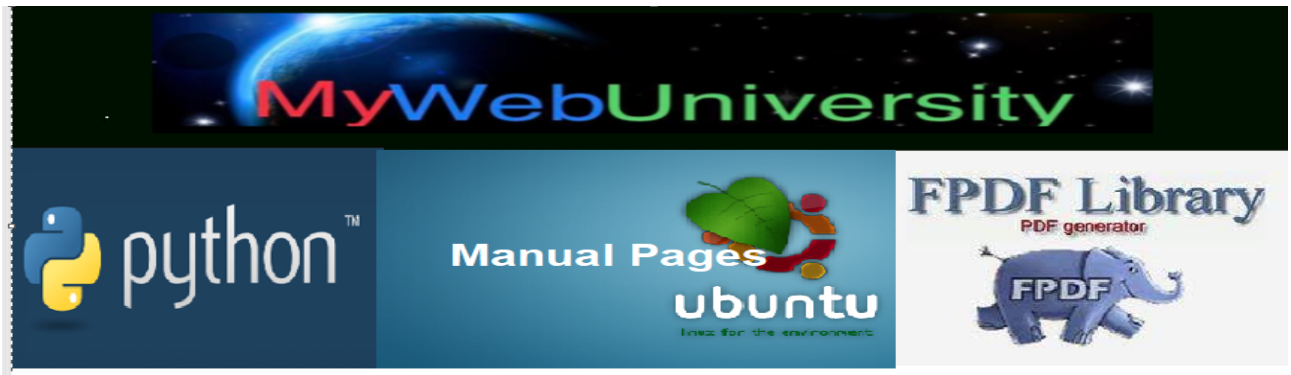

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Linux Ubuntu 26.04 Manual Pages on command 'ldapmodify.1'

$ man ldapmodify.1

LDAPMODIFY(1) General Commands Manual LDAPMODIFY(1)

NAME

ldapmodify, ldapadd - LDAP modify entry and LDAP add entry tools

SYNOPSIS

ldapmodify [-V[V]] [-d debuglevel] [-n] [-v] [-a] [-c] [-f file] [-j lineno] [-S file]

[-M[M]] [-x] [-D binddn] [-W] [-w passwd] [-y passwdfile] [-H ldapuri] [-P {2|3}]

[-e [!]ext[=extparam]] [-E [!]ext[=extparam]] [-o opt[=optparam]] [-O security-properties]

[-I] [-Q] [-N] [-U authcid] [-R realm] [-X authzid] [-Y mech] [-Z[Z]]

ldapadd [-V[V]] [-d debuglevel] [-n] [-v] [-c] [-f file] [-j lineno] [-S file] [-M[M]] [-x]

[-D binddn] [-W] [-w passwd] [-y passwdfile] [-H ldapuri] [-P {2|3}] [-e [!]ext[=extparam]]

[-E [!]ext[=extparam]] [-o opt[=optparam]] [-O security-properties] [-I] [-Q] [-N] [-U auth?

cid] [-R realm] [-X authzid] [-Y mech] [-Z[Z]]

DESCRIPTION

ldapmodify is a shell-accessible interface to the ldap_add_ext(3), ldap_modify_ext(3),

ldap_delete_ext(3) and ldap_rename(3). library calls. ldapadd is implemented as a hard

link to the ldapmodify tool. When invoked as ldapadd the -a (add new entry) flag is turned

on automatically.

ldapmodify opens a connection to an LDAP server, binds, and modifies or adds entries. The

entry information is read from standard input or from file through the use of the -f option.

OPTIONS

-V[V] Print version info. If -VV is given, only the version information is printed.

-d debuglevel

Set the LDAP debugging level to debuglevel. ldapmodify must be compiled with

LDAP_DEBUG defined for this option to have any effect.

-n Show what would be done, but don't actually modify entries. Useful for debugging in conjunction with -v.

-v Use verbose mode, with many diagnostics written to standard output.

-a Add new entries. The default for ldapmodify is to modify existing entries. If in? voked as ldapadd, this flag is always set.

-c Continuous operation mode. Errors are reported, but ldapmodify will continue with modifications. The default is to exit after reporting an error.

-f file

Read the entry modification information from file instead of from standard input.

-j lineno

Jump to the specified line number in the LDIF file before processing any entries. This allows a load that was aborted due to errors in the input LDIF to be resumed af? ter the errors are corrected.

-S file

Add or change records which were skipped due to an error are written to file and the error message returned by the server is added as a comment. Most useful in conjunc? tion with -c.

-M[M] Enable manage DSA IT control. -MM makes control critical.

-x Use simple authentication instead of SASL.

-D binddn

Use the Distinguished Name binddn to bind to the LDAP directory. For SASL binds, the server is expected to ignore this value.

-W Prompt for simple authentication. This is used instead of specifying the password on the command line.

-w passwd

Use passwd as the password for simple authentication.

-y passwdfile

Use complete contents of passwdfile as the password for simple authentication.

-H ldapuri

Specify URI(s) referring to the ldap server(s); only the protocol/host/port fields are allowed; a list of URI, separated by whitespace or commas is expected.

-P {2|3}

Specify the LDAP protocol version to use.

-e [!]ext[=extparam]

-E [!]ext[=extparam]

Specify general extensions with -e and modify extensions with -E. ?!? indicates criticality.

General extensions:

[!]assert=<filter> (an RFC 4515 Filter)

!authzid=<authzid> ("dn:<dn>" or "u:<user>")

[!]bauthzid (RFC 3829 authzid control)

[!]chaining[=<resolve>[/<cont>]]

[!]manageDSAit

[!]noop

ppolicy

[!]postread[=<attrs>] (a comma-separated attribute list)

[!]preread[=<attrs>] (a comma-separated attribute list)

[!]relax

sessiontracking[=<username>]

abandon,cancel,ignore (SIGINT sends abandon/cancel,

or ignores response; if critical, doesn't wait for SIGINT.

not really controls)

Modify extensions:

[!]txn[=abort|commit]

-o opt[=optparam]]

Specify any ldap.conf(5) option or one of the following:

nettimeout=<timeout> (in seconds, or "none" or "max")

ldif_wrap=<width> (in columns, or "no" for no wrapping)

-O security-properties

Specify SASL security properties.

-I Enable SASL Interactive mode. Always prompt. Default is to prompt only as needed.

-Q Enable SASL Quiet mode. Never prompt.

-N Do not use reverse DNS to canonicalize SASL host name.

-U authcid

Specify the authentication ID for SASL bind. The form of the ID depends on the actual

SASL mechanism used.

-R realm

Specify the realm of authentication ID for SASL bind. The form of the realm depends on the actual SASL mechanism used.

-X authzid

Specify the requested authorization ID for SASL bind. authzid must be one of the following formats: dn:<distinguished name> or u:<username>

-Y mech

Specify the SASL mechanism to be used for authentication. If it's not specified, the program will choose the best mechanism the server knows.

-Z[Z] Issue StartTLS (Transport Layer Security) extended operation. If you use -ZZ, the command will require the operation to be successful.

INPUT FORMAT

The contents of file (or standard input if no -f flag is given on the command line) must conform to the format defined in ldif(5) (LDIF as defined in RFC 2849).

EXAMPLES

Assuming that the file /tmp/entrymods exists and has the contents:

```
dn: cn=Modify Me,dc=example,dc=com
changetype: modify
replace: mail
mail: modme@example.com
-
add: title
title: Grand Poobah
-
add: jpegPhoto
jpegPhoto:< file:///tmp/modme.jpeg
-
delete: description
-
```

the command:

```
ldapmodify -f /tmp/entrymods
```

will replace the contents of the "Modify Me" entry's mail attribute with the value

"modme@example.com", add a title of "Grand Poobah", and the contents of the file "/tmp/modme.jpeg" as a jpegPhoto, and completely remove the description attribute.

Assuming that the file /tmp/newentry exists and has the contents:

```
dn: cn=Barbara Jensen,dc=example,dc=com
objectClass: person
cn: Barbara Jensen
cn: Babs Jensen
sn: Jensen
title: the world's most famous mythical manager
mail: bjensen@example.com
uid: bjensen
```

the command:

```
ldapadd -f /tmp/newentry
```

will add a new entry for Babs Jensen, using the values from the file /tmp/newentry.

Assuming that the file /tmp/entrymods exists and has the contents:

```
dn: cn=Barbara Jensen,dc=example,dc=com
changetype: delete
```

the command:

```
ldapmodify -f /tmp/entrymods
```

will remove Babs Jensen's entry.

DIAGNOSTICS

Exit status is zero if no errors occur. Errors result in a non-zero exit status and a diagnostic message being written to standard error.

SEE ALSO

ldapadd(1), ldapdelete(1), ldapmodrdn(1), ldapsearch(1), ldap.conf(5), ldap(3), ldap_add_ext(3), ldap_delete_ext(3), ldap_modify_ext(3), ldap_modrdn_ext(3), ldif(5).

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