NAME

   ldapmodrdn - LDAP rename entry tool

SYNOPSIS

   ldapmodrdn [**-V**[**V**]] [**-d** *debuglevel*] [**-n**] [**-v**] [**-r**] [**-s** *newsup*] [**-c**] [**-f** *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**]] [*dn rdn*]

DESCRIPTION

   ldapmodrdn is a shell-accessible interface to the **ldap_rename**(3) library call.

   ldapmodrdn opens a connection to an LDAP server, binds, and modifies the RDN of entries. The entry
   information is read from standard input, from *file* through the use of the *-f* option, or from the
   command-line pair *dn* and *rdn*.

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*. **ldapmodrdn** must be compiled with LDAP_DEBUG
      defined for this option to have any effect.

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

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

   -r   Remove old RDN values from the entry. Default is to keep old values.

   -s *newsup*

      Specify a new superior entry. (I.e., move the target entry and make it a child of the new superior.)
      This option is not supported in LDAPv2.

   -c   Continuous operation mode. Errors are reported, but ldapmodrdn 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 or the command-

line.

-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 modrdn 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)

    Modrdn extensions:
     (none)

-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

If the command-line arguments *dn* and *rdn* are given, *rdn* will replace the RDN of the entry specified by the DN, *dn*.

Otherwise, the contents of *file* (or standard input if no **-f** flag is given) should consist of one or more entries.

    Distinguished Name (DN)
    Relative Distinguished Name (RDN)

One or more blank lines may be used to separate each DN/RDN pair.

EXAMPLE

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

    cn=Modify Me,dc=example,dc=com
    cn=The New Me

the command:

    ldapmodrdn -r -f /tmp/entrymods

will change the RDN of the "Modify Me" entry from "Modify Me" to "The New Me" and the old cn, "Modify Me" will be removed.

DIAGNOSTICS

Exit status is 0 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), **ldapmodify**(1), **ldapsearch**(1), **ldap.conf**(5), **ldap**(3), **ldap_rename**(3)

AUTHOR

The OpenLDAP Project <http://www.openldap.org/>

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