ldap-telefonbuch.pl

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#!/usr/bin/perl

#
# 2007 Oliver Voelker <info(at)ovtec.it>
#

use strict;
use Net::LDAP;
use Getopt::Long;

my $ldapserver = "ldap.mein-server.de";
my $base       = "ou=People,dc=mein-server,dc=de";

my $debug = 0;
my $search = "*";
my $verbose = 0;
my $help = 0;
my $opts = GetOptions("debug|d!" => \$debug, "verbose|v!" => \$verbose, "search|s:s" =>
\$search, "help|h!" => \$help);

sub LDAPsearch {
  my ($ldap,$searchString,$attrs,$base) = @_;
  if (!$base) { $base = "dc=mein-server,dc=de"; }
  if ($searchString eq "cn=***") { $searchString = "cn=*"; }
  if (!$attrs) { $attrs = [ 'cn','mail' ]; }
  my $result = $ldap->search(base => "$base", scope => "sub", filter => "$searchString", attrs
=> $attrs);
}

my $ldap = Net::LDAP->new($ldapserver) or die "$@";
my $mesg = $ldap->bind(version => 3);

my @Attrs = ( ); # request all available attributes to be returned.

if ($help) {
  print "Usage: tel [OPION]... name\n";
  print "List ldap-Entries\n\n";
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  print "  -h, --help\t\tDisplay this page\n";
  print "  -d, --debug\t\tDebug-Mode - RAW-Display all Entries\n";
  print "  -v, --verbose\t\tExtended display\n";
  print "  -s, --search\t\tSearch for name (surname or lastname or parts of the name is
possible\n";
  exit 0;
}

if ($ARGV[0]) { $search = $ARGV[0]; }
my $result = LDAPsearch($ldap, "cn=*$search*", \@Attrs, $base);
my @entries = $result->entries;
my $entr;

foreach $entr (@entries) {
  next if ($entr->get_value("sn") =~ /ldap$/); # den LDAP-User ausblenden
  if ($debug) {
    print "DN: ", $entr->dn, "\n";
    my $attr;
    foreach $attr (sort $entr->attributes) {
      next if ($attr =~ /;binary$/);
      print "  $attr : ", $entr->get_value($attr) ,"\n";
    }
    print "#------------------------------\n";
  } else {
    my $attr;
    foreach $attr (sort $entr->attributes) {
      next if ($attr =~ /;binary$/);
      if ($attr =~ /cn$/) { print " Name:\t ", $entr->get_value($attr) ,"\n";}
      if ($attr =~ /telephoneNumber$/) { print " Tel:\t ", $entr->get_value( $attr ) ,"\n"; }
      if ($verbose) {
        if ($attr =~ /mail$/) { print " Mail:\t ", $entr->get_value($attr) ,"\n"; }
        if ($attr =~ /facsimileTelephoneNumber$/) { print " Fax:\t ", $entr->get_value($attr)
,"\n"; }

        if ($attr =~ /labeledUri$/) { print " URL:\t ", $entr->get_value($attr) ,"\n"; }
        if ($attr =~ /mobile$/) { print " Mobil:\t ", $entr->get_value($attr) ,"\n"; }
        if ($attr =~ /nsAIMid$/) { print " ICQ:\t ", $entr->get_value($attr) ,"\n"; }
        if ($attr =~ /postalAddress$/) { print " Adr:\t ", $entr->get_value($attr) ,"\n"; }
      }
    }
    print "#------------------------------\n";
```

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    }
}
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