LDIF (emaildif) Reformatter

Usage Guide

Requirement

- Windows/Linux/BSD operating system
- Apache/IIS Webserver
- PHP Scripting Engine
- Read/Write/Delete access right to installation directory

Installation

1. Create a directory in webserver's document directory (e.g: /www/htdocs/emaildif)
2. Unzip provided emaildif.zip into the directory.
3. Schedule a cronjob/ job schedule to clean *.ldf file in the installation directory from time to time.
4. Use web browser to access the script (e.g: http://localhost/emaildif/)

Usage

1. Export eDirectory user list into LDIF file using Novell ConsoleOne.
2. Point web browser to emaildif directory (e.g: http://localhost/emaildif)
3. Select original LDIF input file that has been exported with Novell ConsoleOne earlier.
4. Specify formatting for output file.
5. Press the 'Process' button.
6. Save the generated output file.
7. Import the output LDIF file back into eDirectory using Novell ConsoleOne.

Supported formatting

Emaildif automatically generates email addresses by reformatting input LDIF file using any of the combinations provided in the combination table below:-

givenName	sn	extension	connector	domain
Remove spaces	Remove spaces	Custom (any)	Underscore / _	Custom (any)
Change spaces to underscores	Change Spaces to underscores	Intelligent (identify from input LDIF)	Plus / +	
Change spaces to dots	Change spaces to dots		Dot / .	
Leave Intact	Leave Intact		None	

Note: Intelligent extension identification will override any custom extension.

Input LDIF file specification

Input LDIF must contain at least these fields:

- version
- dn
- givenName
- sn

Output LDIF file specification

Output LDIF will contain these fields:

- version
- dn
- changetype
- replace
- mail

Exporting LDIF file using Novell ConsoleOne

Please specify these criteria when exporting from Novell ConsoleOne:-

Criteria	Values
Export LDIF File	
Server Name	e.g: 192.168.2.35
Port	e.g: 389
Login type	Anonymous Login
Search Criteria	
Base DN	ou=student,o=bj *or* ou=B105,ou=student,o=bj
Scope	Sub Tree
Search Filter	objectclass=person
Attributes	cn,givenName,sn,mail,fullname

Importing LDIF file using Novell ConsoleOne

Please do the following when importing LDIF file back into eDirectory:-
- Untick "Add records without changetype" in "Advanced".
- Specify Server Name and Port
- Use Authenticated Login