NEXTLABS

Text to LDIF Conversion Tool

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Purpose:

The Text to LDIF Jar converts a specific text format input into a LDIF file which can be consumed for enrollment.

Input Text Format:

The first line of the input text file always specify the user attribute keys.

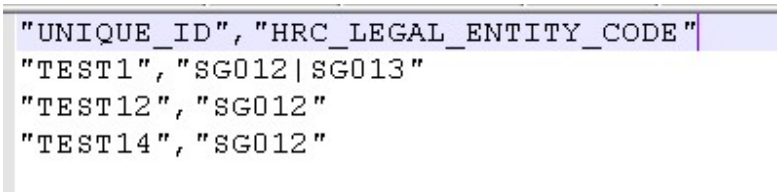
These keys are separated by comma and enclosed within double quotes. If it comes from SAP SAPUserID would be the unique key for the user used in DN else the first column would be used to define in DN.

Form the second line onwards each line corresponds to a user attribute values.

These values are separated by comma and enclosed within double quotes.

Multi value are separate by '|' symbol default or user can define his own multivalued separator.

Sample Text format:



Executing the Program:

1. Copy the jar (txttoldif.jar) into [Policy Server]/tools/enrollment folder.
2. Open a command prompt (cmd) as administrator.
3. Traverse to [Policy Server]/tools/enrollment folder.
4. Java –jar txttoldif.jar <filepath> <dcname> <multivalued_separator>
   <filepath> is Path of the text file which needs to be converted to LDIF
   <dcname >is dc name used in the construction for user dn in ldif file
   <multivalued_separator> indicates the separator used to identify the multivalued user attributes. This parameter is optional and default will be "|"
   e.g. java -jar txttoldif.jar userattributedata.txt dc=novartis,dc=com |

5. The command will read the input file and generate the output in the same folder. The output filename will be SAPLdif.ldif.

Output:

The output would be generated in the same folder with file name SAPLdif.ldif after the program execution is completed.

```
dn: cn=TEST1,dc=sap,dc=nextlabssg,dc=com
objectclass: user
objectGUID: TEST1
UNIQUE_ID: TEST1
HRC_LEGAL_ENTITY_CODE: SG012
HRC_LEGAL_ENTITY_CODE: SG013

dn: cn=TEST12,dc=sap,dc=nextlabssg,dc=com
objectclass: user
objectGUID: TEST12
UNIQUE_ID: TEST12
HRC_LEGAL_ENTITY_CODE: SG0124

dn: cn=TEST14,dc=sap,dc=nextlabssg,dc=com
objectclass: user
objectGUID: TEST14
UNIQUE_ID: TEST14
HRC_LEGAL_ENTITY_CODE: SG0124
```

To Create LDIF File For Delta/Incremental:

Add a column changetype to the header preferably in the second column with first column being the unique id to identify user.

Each user record can have add or delete as column value.

add – To add or update user record

delete- To mark the user record as inactive in Nextlabs Database

Sample Delta Input Text:

```
"UNIQUE_ID","CHANGETYPE","HRC_LEGAL_ENTITY_CODE"
"TEST1","add","SG012"
"TEST12","delete","SG012"
"TEST14","add","SG012"
```

Sample Delta LDIF:

```
dn: cn=TEST1,dc=sap,dc=nextlabssg,dc=com
changetype:add
objectclass: user
objectGUID: TEST1
UNIQUE_ID: TEST1
HRC_LEGAL_ENTITY_CODE: SG012

dn: cn=TEST12,dc=sap,dc=nextlabssg,dc=com
changetype:delete
objectclass: user
objectGUID: TEST12
UNIQUE_ID: TEST12
HRC_LEGAL_ENTITY_CODE: SG012

dn: cn=TEST14,dc=sap,dc=nextlabssg,dc=com
changetype:add
objectclass: user
objectGUID: TEST14
UNIQUE_ID: TEST14
HRC_LEGAL_ENTITY_CODE: SG012
```