Knowledge Base Article #ETMD921, Rev A

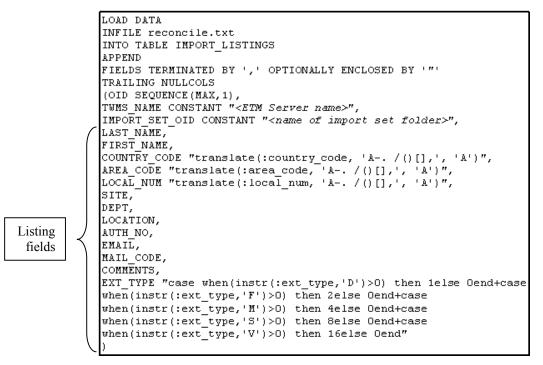# Importing Directory Listings: Modifying the Format for the Import File

Synopsis

When you import Listings from a text file into the Directory Manager, the text file must be formatted in a certain way for successful import. The required format is determined by a control file in the ETM® System installation directory that is used by the SQL*Loader application. This article describes how to edit the file to modify the required format for the imported file(s).

More Information

When you create a new Import Set, a system-named Import Set directory is created in the **ps\directory\import_sets** directory of the ETM System installation directory—for example, **C:\Program Files\SecureLogix\ETM \ps\directory\import_sets\0102d-7fffffff-7fffffec 00000002**. A text file in this directory named **import_set_details.txt** identifies the Import Set by the name you gave it in the GUI.

In each Import Set directory, the file **reconcile.ctl** defines the required format for imported file(s).

Create an Import Set   **To create an Import Set**

1. In the Directory Manager tree pane, right-click **Import Sets**, then click **New**. The **Create Import Set** dialog box appears.

2. Type a name for the Import Set of up to 32 characters. The name can include letters, digits, spaces, and the following special characters: **& ( ) . ! ' + =**

3. Click **OK**. The Import Set appears in the **Import Sets** node of the Directory Manager tree pane.

4. Edit the Control File as described in the next section.

Edit the Control File When a new Import Set is created, the following is the default format of the **reconcile.ctl** file:

```
LOAD DATA
INFILE reconcile.txt
INTO TABLE IMPORT_LISTINGS
APPEND
FIELDS TERMINATED BY ',' OPTIONALLY ENCLOSED BY '"'
TRAILING NULLCOLS
(OID SEQUENCE(MAX,1),
TWMS_NAME CONSTANT "<ETM Server name>",
IMPORT_SET_OID CONSTANT "<name of import set folder>",
LAST_NAME,
FIRST_NAME,
COUNTRY_CODE "translate(:country_code, 'A-. /()[],', 'A')",
AREA_CODE "translate(:area_code, 'A-. /()[],', 'A')",
LOCAL_NUM "translate(:local_num, 'A-. /()[],', 'A')",
SITE,
DEPT,
LOCATION,
AUTH_NO,
EMAIL,
MAIL_CODE,
COMMENTS,
EXT_TYPE "case when(instr(:ext_type,'D')>0) then 1else 0end+case
when(instr(:ext_type,'F')>0) then 2else 0end+case
when(instr(:ext_type,'M')>0) then 4else 0end+case
when(instr(:ext_type,'S')>0) then 8else 0end+case
when(instr(:ext_type,'V')>0) then 16else 0end"
)
```

Listing fields (label pointing to the LAST_NAME through EXT_TYPE block)

The order in which the Listing fields appear in this file is the order in which they must appear in the text file to be imported.

To edit the reconcile.ctl file

1. Open **reconcile.ctl** in a text editor.

   Note: Making a backup copy of any file you intend to edit is good practice.

2. Arrange the Listing fields in the order that they appear in the text file to be imported.

   For example, if the fields in the text file are arranged as follows:

```
COUNTRY_CODE,AREA_CODE,LOCAL_NUM,LAST_NAME,FIRST_NAME,SITE,DEPT,LOCATION,
AUTH_NO,EMAIL,MAIL_CODE,COMMENTS,EXT_TYPE
```

   you would arrange the fields as shown in the illustration below.

   IMPORTANT Do not edit any text in the file except the delimiter (see the note on the following page). Do not rearrange the first 9 lines.

Do not rearrange the first 9 lines

```
LOAD DATA
INFILE reconcile.txt
INTO TABLE IMPORT_LISTINGS
APPEND
FIELDS TERMINATED BY ',' OPTIONALLY ENCLOSED BY '"'
TRAILING NULLCOLS
(OID SEQUENCE(MAX,1),
TWMS_NAME CONSTANT "<ETM Server name>",
IMPORT_SET_OID CONSTANT "<name of import set folder>",
COUNTRY_CODE "translate(:country_code, 'A-. /()[],', 'A')",
AREA_CODE "translate(:area_code, 'A-. /()[],', 'A')",
LOCAL_NUM "translate(:local_num, 'A-. /()[],', 'A')",
LAST_NAME,
FIRST_NAME,
SITE,
DEPT,
LOCATION,
AUTH_NO,
EMAIL,
MAIL_CODE,
COMMENTS,
EXT_TYPE "case when(instr(:ext_type,'D')>0) then 1else 0end+case
when(instr(:ext_type,'F')>0) then 2else 0end+case
when(instr(:ext_type,'M')>0) then 4else 0end+case
when(instr(:ext_type,'S')>0) then 8else 0end+case
when(instr(:ext_type,'V')>0) then 16else 0end"
)
```

In the line that begins FIELDS TERMINATED BY, the comma (,) indicates that the text file you will import is a comma-separated values (CSV) file. If the text file you want to import is TAB delimited, replace the comma with **\t**.

3.   Click **Save**.

For more information about importing Directory Listings, see "Import Sets" in the *Using the ETM® System* user guide or online Help.

Versions Affected   ETM® System 4.1 and later.

Last Updated   3/3/2004