Renaming Volume-ID's Using A Batch File

Renaming a batch of Volumes can be completed in one process using a configuration file, definition file, Volume List and TMSS10VolumeRename.

When TMSS10VolumeRename is executed, the configuration file will use the definition file to load the Volumes into a scan list.

Volumes from the target Customer are then compared to the Scan list and either processed (if in the Scan list) or discarded (if not in the Scan list)

The Volumes processed are then renamed according to the logic in the Command Line code.

Example Files

Adding L5 suffix to all Volumes in the input file volumes.txt for Customer US04, Media LTO.

Volume Input File

volumes.txt

```
100001
100002
100003
100004
100005
100006
100007
100008
100009
100010
```

Definition File

rename.ttidef

```
# Set volume input file
SetFile("volumes.txt");

# Set Customer and Media values
SetLiteral(CUSTOMER, US04);
SetLiteral(MEDIA, LTO);

# Extract barcode
```

```
Extract(BARCODE, 0, 6, 0);
```

Configuration File

rename.cfg

Compare all Volumes to Scan file.

If present in the Scan file (scanfile=true) then process that Volume (skip=false)

If not present in the Scan file discard Volume (skip=true)

```
traversal =
{
   scanfile= { file="rename.ttidef"; };
   customer =
   (
      {
         id="*";
         media =
         (
            {
               id="*";
               volume =
               (
                   {
                      id="*";
                      scanfile=true;
                      skip=false;
                   },
                   {
                      id="*";
                      skip=true;
                   }
               );
            }
         );
      }
   );
};
```

Batch File

Run TMSS10VolumeRename in test mode. Test mode allows you to execute TMSS10VolumeRename without making any alterations to the database to check the output is as expected.

- -S The Logon String argument sets the Server Logon Information.
- -V The volume filter limiting input from just Customer US04 and Media LTO.
- -c The config file argument specifies the path to the Configuration File rename.cfg.

- -N New Volume-ID, *L4 adds L4 to the current Volume_id.
- > Redirects standard output stream to file rename_out.txt
- 2> Redirects standard error stream to file rename_err.txt

```
TMSS10VolumeRename -S user:-password@serveraddress -V "US04.LTO.*" -c
rename.cfg -N "*L4" > rename_out.txt 2> rename_err.txt
```

Adding the `-l` attribute places the execution into live mode, where the alterations are made to the Volumes in the database.

```
TMSS10VolumeRename -S user:-password@serveraddress -V "US04.LTO.*" -c
rename.cfg -N "*L4" -l > rename_out.txt 2> rename_err.txt
```

Standard Output

Test Mode - rename_out.txt

```
             System: TapeTrack
 Report Description: Scan-File Load Report
    Production Time: Thursday, August 05, 2021 - 10:48:36 (AUS Eastern
Standard Time)
       Report Width: 149 bytes

 Seq.   Record Barcode                                    Resolved As
Status Notes
 ------ ------ ---------------------------------------- --------------------
------ ------------------------------------------------------------
      1      1 100001                                   US04.LTO.100001
OK
      2      2 100002                                   US04.LTO.100002
OK
      3      3 100003                                   US04.LTO.100003
OK
      4      4 100004                                   US04.LTO.100004
OK
      5      5 100005                                   US04.LTO.100005
OK
      6      6 100006                                   US04.LTO.100006
OK
      7      7 100007                                   US04.LTO.100007
OK
      8      8 100008                                   US04.LTO.100008
OK
      9      9 100009                                   US04.LTO.100009
OK
     10     10 100010                                   US04.LTO.100010
OK
 ------ ------ ---------------------------------------- --------------------
------ ------------------------------------------------------------
```

```
             System: TapeTrack
 Report Description: Volume Rename Report
    Production Time: Thursday, August 05, 2021 - 10:48:36 (AUS Eastern
Standard Time)
       Report Width: 111 bytes

 Seq.   Old Identity         New Identity         Messages
 ------ -------------------- -------------------- -------------------------
---------------------------------
      1 US04.LTO.100001      US04.LTO.100001L4    Not running in Live mode
      2 US04.LTO.100002      US04.LTO.100002L4    Not running in Live mode
      3 US04.LTO.100003      US04.LTO.100003L4    Not running in Live mode
      4 US04.LTO.100004      US04.LTO.100004L4    Not running in Live mode
      5 US04.LTO.100005      US04.LTO.100005L4    Not running in Live mode
      6 US04.LTO.100006      US04.LTO.100006L4    Not running in Live mode
      7 US04.LTO.100007      US04.LTO.100007L4    Not running in Live mode
      8 US04.LTO.100008      US04.LTO.100008L4    Not running in Live mode
      9 US04.LTO.100007      US04.LTO.100009L4    Not running in Live mode
     10 US04.LTO.100008      US04.LTO.100010L4    Not running in Live mode
 ------ -------------------- -------------------- -------------------------
---------------------------------
```

Live Mode - rename_out.txt

```
             System: TapeTrack
 Report Description: Scan-File Load Report
    Production Time: Thursday, August 05, 2021 - 10:48:36 (AUS Eastern
Standard Time)
       Report Width: 149 bytes

 Seq.   Record Barcode                                   Resolved As
Status Notes
 ------ ------ ---------------------------------------- --------------------
------ ------------------------------------------------------------
      1      1 100001                                   US04.LTO.100001
OK
      2      2 100002                                   US04.LTO.100002
OK
      3      3 100003                                   US04.LTO.100003
OK
      4      4 100004                                   US04.LTO.100004
OK
      5      5 100005                                   US04.LTO.100005
OK
      6      6 100006                                   US04.LTO.100006
OK
      7      7 100007                                   US04.LTO.100007
OK
      8      8 100008                                   US04.LTO.100008
OK
```

```
      9      9 100009                                  US04.LTO.100009
OK
     10     10 100010                                  US04.LTO.100010
OK
 ------ ------ ---------------------------------------- --------------------
------ ------------------------------------------------------------------

             System: TapeTrack
 Report Description: Volume Rename Report
    Production Time: Thursday, August 05, 2021 - 10:48:36 (AUS Eastern
Standard Time)
       Report Width: 111 bytes

 Seq.   Old Identity         New Identity         Messages
 ------ -------------------- -------------------- -------------------------
---------------------------------
      1 US04.LTO.100001      US04.LTO.100001L4    Request OK
      2 US04.LTO.100002      US04.LTO.100002L4    Request OK
      3 US04.LTO.100003      US04.LTO.100003L4    Request OK
      4 US04.LTO.100004      US04.LTO.100004L4    Request OK
      5 US04.LTO.100005      US04.LTO.100005L4    Request OK
      6 US04.LTO.100006      US04.LTO.100006L4    Request OK
      7 US04.LTO.100007      US04.LTO.100007L4    Request OK
      8 US04.LTO.100008      US04.LTO.100008L4    Request OK
      9 US04.LTO.100007      US04.LTO.100009L4    Request OK
     10 US04.LTO.100008      US04.LTO.100010L4    Request OK
 ------ -------------------- -------------------- -------------------------
---------------------------------
```

technote, cli, rename, config

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