

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.ttdef

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

# Set Customer and Media values
SetLiteral(CUSTOMER, US44);
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.LT0.*" -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.LT0.*" -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.LT0.100001
OK
      2     2 100002                               US04.LT0.100002
OK
      3     3 100003                               US04.LT0.100003
OK
      4     4 100004                               US04.LT0.100004
OK
      5     5 100005                               US04.LT0.100005
OK
      6     6 100006                               US04.LT0.100006
OK
      7     7 100007                               US04.LT0.100007
OK
      8     8 100008                               US04.LT0.100008
OK
      9     9 100009                               US04.LT0.100009
OK
     10    10 100010                               US04.LT0.100010
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.LT0.100001	US04.LT0.100001L4	Not running in Live mode
2	US04.LT0.100002	US04.LT0.100002L4	Not running in Live mode
3	US04.LT0.100003	US04.LT0.100003L4	Not running in Live mode
4	US04.LT0.100004	US04.LT0.100004L4	Not running in Live mode
5	US04.LT0.100005	US04.LT0.100005L4	Not running in Live mode
6	US04.LT0.100006	US04.LT0.100006L4	Not running in Live mode
7	US04.LT0.100007	US04.LT0.100007L4	Not running in Live mode
8	US04.LT0.100008	US04.LT0.100008L4	Not running in Live mode
9	US04.LT0.100007	US04.LT0.100009L4	Not running in Live mode
10	US04.LT0.100008	US04.LT0.100010L4	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
1	1 100001	US04.LT0.100001
OK		
2	2 100002	US04.LT0.100002
OK		
3	3 100003	US04.LT0.100003
OK		
4	4 100004	US04.LT0.100004
OK		
5	5 100005	US04.LT0.100005
OK		
6	6 100006	US04.LT0.100006
OK		
7	7 100007	US04.LT0.100007
OK		
8	8 100008	US04.LT0.100008
OK		

```

      9      9 100009      US04.LT0.100009
OK
     10     10 100010      US04.LT0.100010
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.LT0.100001	US04.LT0.100001L4	Request OK
2	US04.LT0.100002	US04.LT0.100002L4	Request OK
3	US04.LT0.100003	US04.LT0.100003L4	Request OK
4	US04.LT0.100004	US04.LT0.100004L4	Request OK
5	US04.LT0.100005	US04.LT0.100005L4	Request OK
6	US04.LT0.100006	US04.LT0.100006L4	Request OK
7	US04.LT0.100007	US04.LT0.100007L4	Request OK
8	US04.LT0.100008	US04.LT0.100008L4	Request OK
9	US04.LT0.100007	US04.LT0.100009L4	Request OK
10	US04.LT0.100008	US04.LT0.100010L4	Request OK

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Permanent link: https://rtfm.tapetrack.com/technote/rename_volumes?rev=1628132021

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