TMSS10Inventory

TMSS10Inventory produces an Inventory Report of all selected Volumes.

By default, this program accepts pairs of Integers as arguments, with each successive pair representing the next column within a CSV file.

The first Integer is the zero-based offset within the output file, and the second is the length of the field that is output.

Alternatively, if the first argument of the first pair contains a colon, the Integer on the left-hand side of the colon will set the relative column, and any future pair will be offset from that column. In the event that other pairs also start with a colon, this too will set the column and future columns from that column index.

In the event that the program is run with no arguments, the program will display a suggested calling syntax taking into account the maximum values calculated by processing the supplied data.

Synopsis

```
TMSS10Inventory [-A attribute index] [-M mode] [-N no relative resolve] [-R
output a scan list file] [-S logon string] [-V volume filter] [-c
configuration file]
```

Options

- -A Attribute Index (default = 0)
- -M Sets the output mode.
- -N No relative resolve.
- -R Outputs results to a scan list file.
- -S The Logon string argument sets the Server Logon Lnformation.
- -V Volume Filter which can be used to filter the traversal of Customer, Media, Volume, Repository and Flag values.
- -c The config file argument specifies the path to the Batch Configuration File. The Batch Configuration File allows you to perform advanced traversal of Customer, Media and Volumes, perform advanced Barcode pre and post-processing and route program output to syslogd.

If an argument value starts with the value `FI:`, the value for that attribute will be read from the file name specified immediately after it. For example, if a file named ACME_volumes has the content `ACME_*.*`, specifying `FI:/etc/ACME_volumes` will have the same effect as `-V ACME.*.*`. Using `FI:` to refer to a file for an attribute value works for all attributes.

If the pattern being matched starts with *LIST: then rather than matching the literal value, each record in the file specified as *LIST:filename will be tested. If one matches the match will succeed.

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To include multiple Attributes in the report, add the required Attribute indexes separated by a comma (eg. -A 1,2,5).

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Notes

Running TMSS10Inventory in mode 1 (default) will produce a report with the values: Sequence, Barcode, Location, Repository, Next Move, Days, Last Move, GDup (Global Duplicate), CDup (Customer Duplicate) and Container.

Running TMSS10Inventory in mode 2 will produce a report with the values: Sequence, Customer, Media, Total and Moving total.

TMSS10Inventory output can include up to twenty attributes in the one report. To include more than one attribute, include attribute indexes seperated by commas using -A in the program call. For example to add attributes 0, 1 and 3 in the report use -A “0,1,3.

If the report is output to text, CSV, PDF attribute values over 30 characters long will be truncated to 28 characters and two full stops to indicate a truncated value (eg ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890 will show as ABCDEFGHIJKLMNOPQRSTUVWXYZ12..). Reports output to Excel will show full attribute values irrespective of character length.

Mode 1
Report-ID: 100

Mode 2
Report-ID: 101

Technical Support

The TapeTrack Software is commercially supported by a full-time help desk staff. If you are experiencing problems or want some advice on how to configure or use the product please see the Accessing Technical Support page.

Exit Statuses

1. **zero** Program has ended successfully.
2. **non-zero** Program has not ended successfully.

Environment

Files

stdout: Output Reports.
stderr: Diagnostic messages.
stdin: Program input.

Example

Customer US03 LTO inventory - Report Format 1

Command line syntax

```
TMSS10Inventory -S user:-password@server -V "US03.LTO.*" -M 1
```

Output

```
            System: TapeTrack
         Report ID: 100
 Report Description: Inventory List
       Report Notes: Customer(North Carolina Data Center) Media Type(LTO
Cartridge)
    Production Time: Wednesday, September 27, 2017 - 12:27:33 (AUS Eastern
Standard Time)
       Report Width: 161 bytes
 Seq.   Barcode              Location           Repository         Next Move
Days    Last Move        GDup CDup Container
 ------ -------------------- ------------------ ------------------ ---------
- ------ ---------------- ---- ---- --------------------
      1 US03.LTO.000000L5    1:2 [1.1]          Offsite Vault [21]
2017-07-28 01:26    1    1
      2 US03.LTO.000001L5    1:2 [1.2]          Offsite Vault [22]
2017-07-28 01:26    1    1
      3 US03.LTO.000002L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
      4 US03.LTO.000003L5    1:2 [1.3]          Offsite Vault [23]
2017-07-28 02:03    1    1
      5 US03.LTO.000004L5    1:2 [1.4]          Offsite Vault [24]
2017-07-28 01:26    1    1
      6 US03.LTO.000005L5    No-Alloc [0]       Library
2017-07-28 02:04    1    1
      7 US03.LTO.000006L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
      8 US03.LTO.000007L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
      9 US03.LTO.000008L5    No-Alloc [0]       Library
```

```
2017-07-28 01:26    1    1
     10 US03.LTO.000009L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     11 US03.LTO.000010L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     12 US03.LTO.000011L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     13 US03.LTO.000012L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     14 US03.LTO.000014L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     15 US03.LTO.000015L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     16 US03.LTO.000016L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     17 US03.LTO.000017L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     18 US03.LTO.000018L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     19 US03.LTO.000019L5    No-Alloc [0]       Library
2017-07-28 01:26    1    1
     20 US03.LTO.000020L5    No-Alloc [0]       Library
2017-06-08 05:58    1    1
     21 US03.LTO.000021L5    No-Alloc [0]       Library
2017-06-08 06:01    1    1
     22 US03.LTO.000022L5    No-Alloc [0]       Library
2017-07-11 01:45    1    1
     23 US03.LTO.000023L5    No-Alloc [0]       Library
1    1
--------------------------------------------------------------------------------
-----------------------------------
```

Column Heading	Description
Seq	Record sequence number
Barcode	Volume-ID. Default is fully qualified barcode, use TMSSUNQUALIFIEDVOLUME to list unqualified Volume-ID's
Location	Volume location: No-Alloc [0] = no Slot allocated, 1:2 [1.3] = Zone-ID 1:2, Shelf 1, Slot 3
Repository	Repository Volume is currently located in
Expiry	Expiry of retention date
Next Move	Date of next move, Permanent = No next move
Last Move	Last date the Volume was moved
GDup	Global wide number of the Volume-ID, 1 = one instance or no duplicates
CDup	Customer wide number of the Volume-ID, 1 = one instance or no duplicates
Container	Container-ID if Volume is assigned to a Container, blank = not assigned to a container.

Customer US03 LTO inventory - Report Format 2

Command line syntax

```
TMSS10Inventory -S user:-password@server -V "US03.LTO.*" -M 2
```

Output

```
             System: TapeTrack
 Report Description: Volume Inventory Extract
    Production Time: Wednesday, September 27, 2017 - 12:28:26 (AUS Eastern
Standard Time)
       Report Width: 92 bytes

 Seq.   Customer                                  Media                Total
Moving
 ------ ---------------------------------------- -------------------- ------
---- ----------
      1 North Carolina Data Center               LTO Cartridge
102         20
```

Changelog

Cannot load rss feed.

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