

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 Information](#).
- -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 "US01.*.*" -M 1
```

Output

```

      System: TapeTrack
Report Description: Inventory List
  Production Time: Monday, January 24, 2022 - 11:53:11 (AUS Eastern
Daylight Time)
    Report Width: 164 bytes

Seq.   Barcode           Location
Expiry   Next Move   Last Move           GDup CDup Container
-----
-----
1 US01.CONT.CONT001   No-Alloc [0]           Offsite Vault
Permanent Permanent 2021-11-18 09:12:08    2    1 Is-Container:1
2 US01.CONT.CONT002   No-Alloc [0]           Offsite Vault
Permanent Permanent 2022-01-24 11:47:01    2    1 Is-Container:7
3 US01.CONT.CONT003   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
4 US01.CONT.CONT004   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
5 US01.CONT.CONT005   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
6 US01.CONT.CONT006   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
7 US01.CONT.CONT007   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
8 US01.CONT.CONT008   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0
9 US01.CONT.CONT009   No-Alloc [0]           Library
Permanent Permanent                2    1 Is-Container:0

```

10	US01.CONT.CONT010	No-Alloc [0]				Library
Permanent	Permanent		2	1	Is-Container:0	
11	US01.LT0.000000L4	Blue1 [1.1]				Offsite Vault
[1]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
12	US01.LT0.000001L4	Blue1 [1.2]				Offsite Vault
[2]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
13	US01.LT0.000002L4	Blue1 [1.3]				Offsite Vault
[3]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
14	US01.LT0.000003L4	Blue1 [1.4]				Offsite Vault
[4]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
15	US01.LT0.000004L4	Blue1 [1.5]				Offsite Vault
[5]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
16	US01.LT0.000005L4	Blue1 [1.6]				Offsite Vault
[6]	Permanent	2022-04-24 2021-12-10 10:39:48	2	1		
17	US01.LT0.000006L4	No-Alloc [0]				Library
Permanent	Permanent	2021-12-10 09:29:30	2	1		
18	US01.LT0.000007L4	No-Alloc [0]				Library
Permanent	Permanent	2021-11-18 09:11:57	2	1	US01.CONT.CONT001	
19	US01.LT0.000008L4	No-Alloc [0]				Library
Permanent	Permanent	2021-12-10 10:41:57	2	1		
20	US01.LT0.000009L4	No-Alloc [0]				Library
Permanent	Permanent	2021-12-10 10:41:57	2	1		
21	US01.LT0.000010L4	No-Alloc [0]				Library
Permanent	Permanent	2021-12-10 10:41:57	2	1		
22	US01.LT0.000011L4	Blue1 [2.1]				Offsite Vault
[11]	Permanent	Permanent 2021-12-10 10:48:24	2	1		
23	US01.LT0.000012L4	Blue1 [2.2]				Offsite Vault
[12]	Permanent	Permanent 2021-12-10 10:48:24	2	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 "US01.*.*" -M 2
```

Output

System: TapeTrack			
Report ID: 101			
Report Description: Volume Inventory Extract			
Production Time: Monday, January 24, 2022 - 11:56:02 (AUS Eastern Daylight Time)			
Report Width: 92 bytes			
Seq.	Customer	Media	Total
Moving			

10	1 New York Data Center	Container	
	0		
103	2 New York Data Center	LT0 Cartridge	
	32		

TMSS10Inventory Changelog
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