

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.

2021/06/16 02:14 · Scott Cunliffe

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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).

2021/07/02 01:35 · Scott Cunliffe

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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 separated 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           Repository
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 0	Container	
103	2 New York Data Center 32	LT0 Cartridge	
-----	-----	-----	-----

TMSS10Inventory Changelog
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Last update: **2025/01/21 22:07**

