Creating A PDF Report

TapeTrack has many command line utilities to create reports and output them in different formats to cater for clients needs.

This page is to guide you on how to create a PDF report, using the utility TMSS10Inventory to demonstrate the process and variables available to customize the output.

Other report formats available

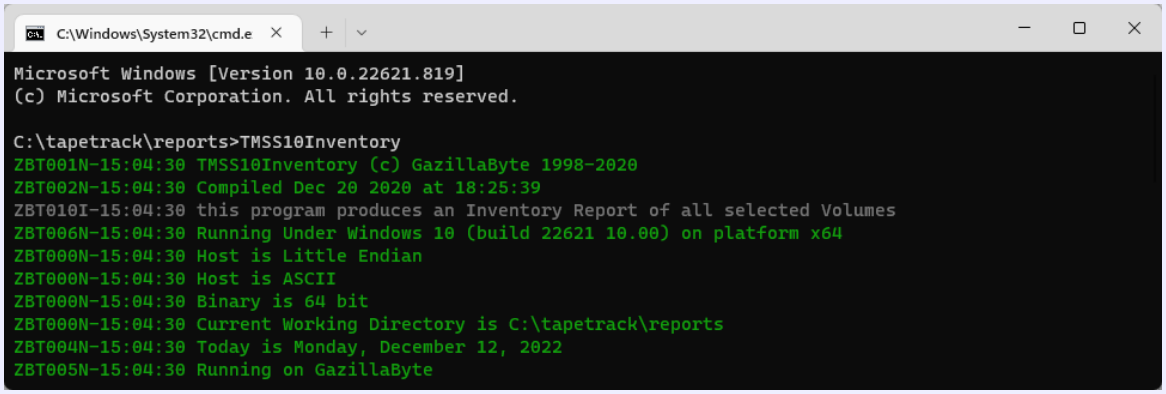
- Text
- CSV
- Excel
- HTML
- JSON

Ensure Server Utilities Are Installed

Ensure TapeTrack Server Utilities are installed on the computer you want to run the report on.



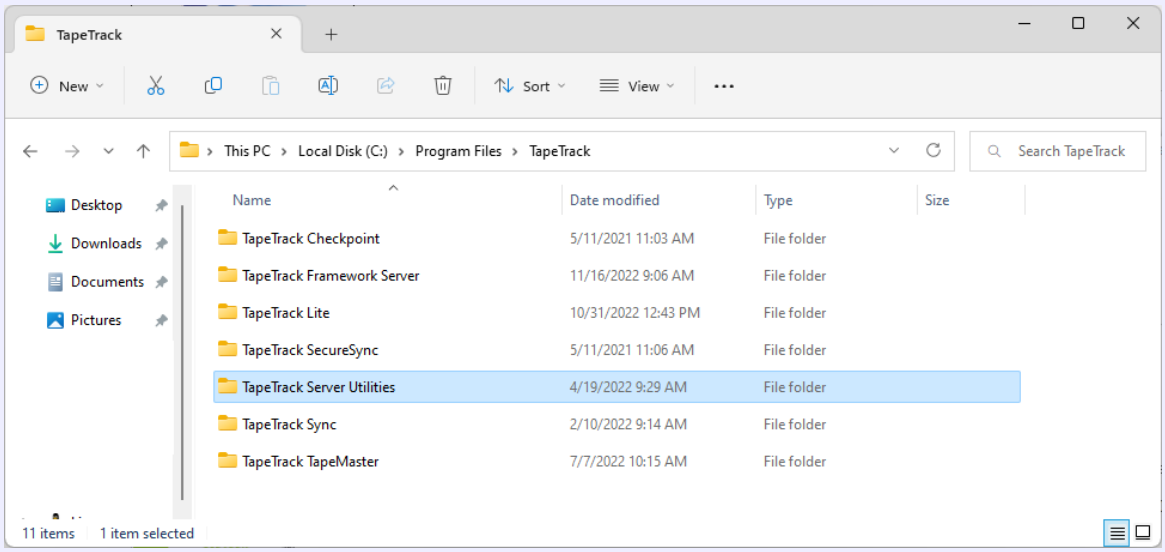
The directory C:*tapetrack/reports has been created to illustrate the report process. Set the directory structure on your computer to suit where you want to run and/or write the report to.</note> Methods to check: Open a command prompt and run the command TMSS10Inventory, the output will show the utility options starting with TMSS10Inventory © GazillaByte 1998-2020 if Server Utilities have been installed.*



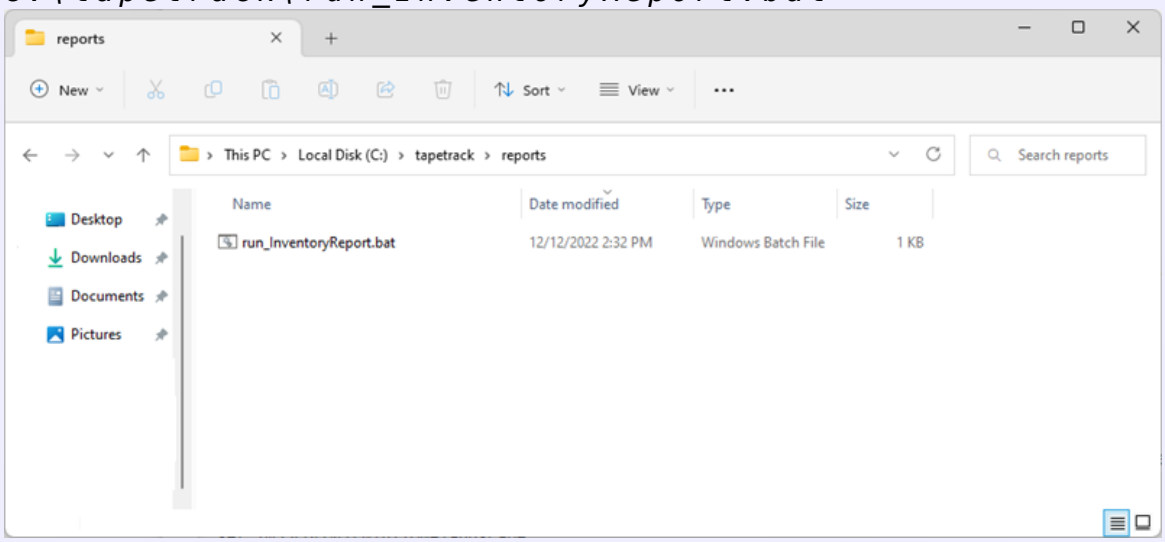
If the output shows TMSS10Inventory is not recognized as an internal or external command, operable program or batch file. you will need to install the Server Utility package, available for download here.



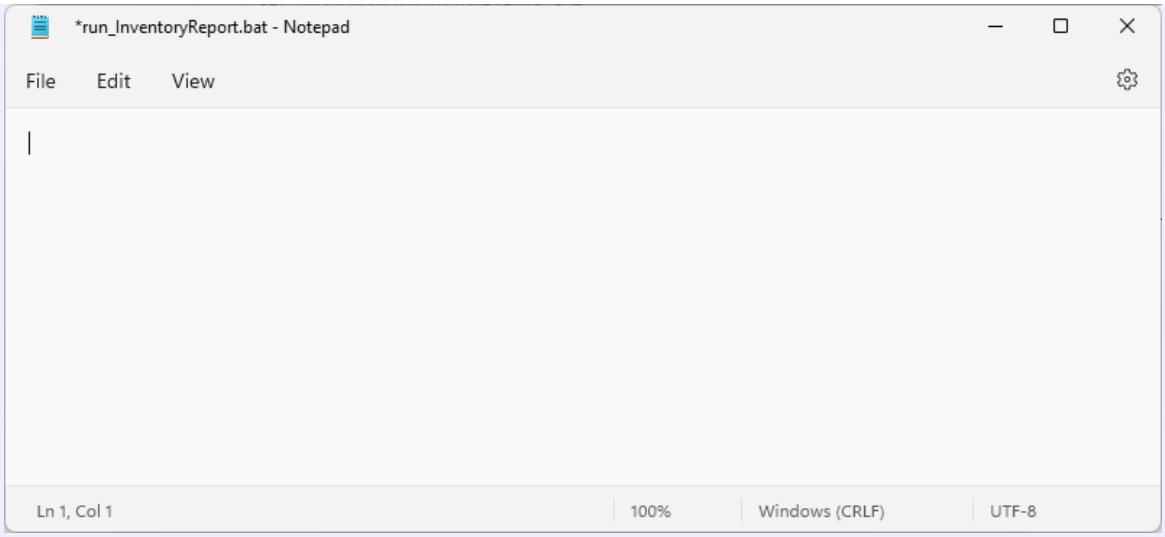
Look under the TapeTrack installation folder (default C:\Program Files\TapeTrack\) to see if there is a directory TapeTrack Server Utilities



===== Select The Report Required ===== Decide on the report required. In this example we are using TMSS10Inventory, for other report utilities available see Server Utilities - Reports ===== Create Batch File ===== Create a batch file in the desired location and name it with a descriptive name, eg C:\tapetrack\run_InventoryReport.bat

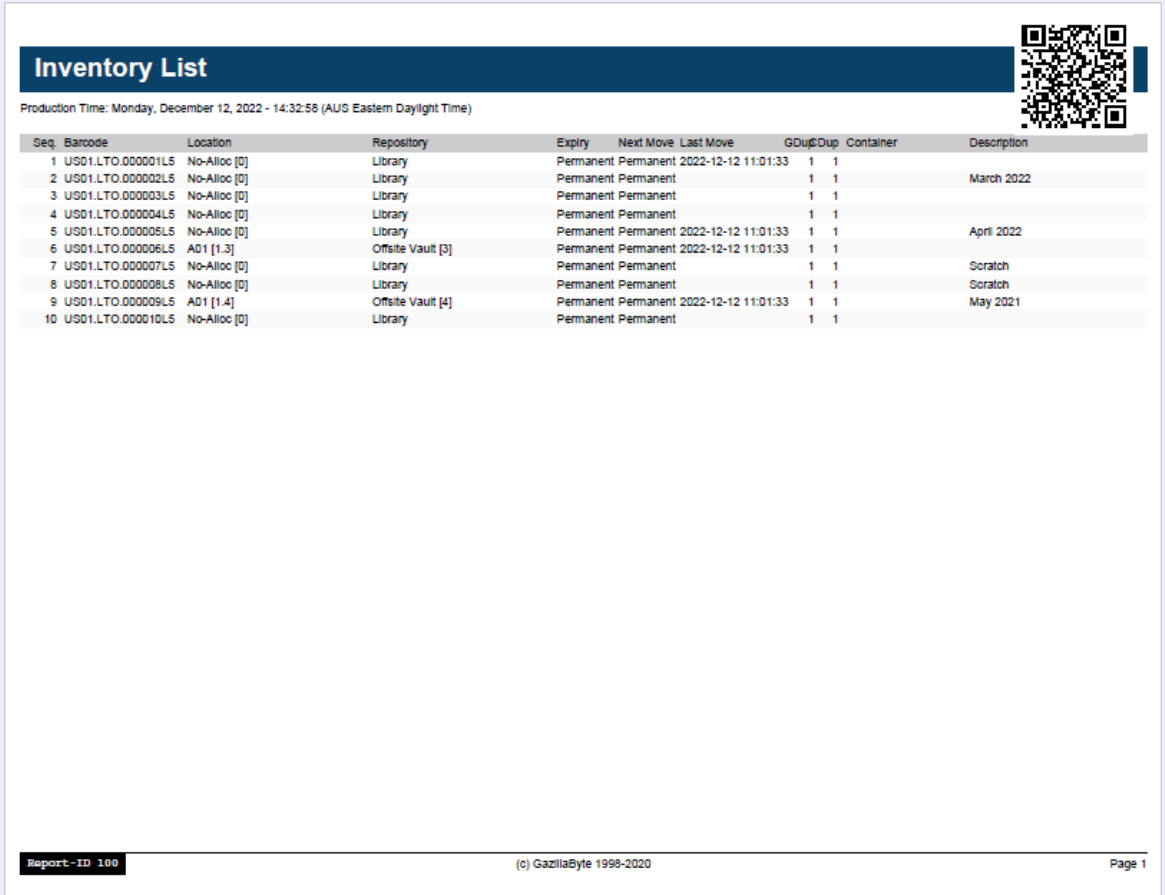


===== Coding The Report ===== Open the batch file in Notepad or other plain text editor.



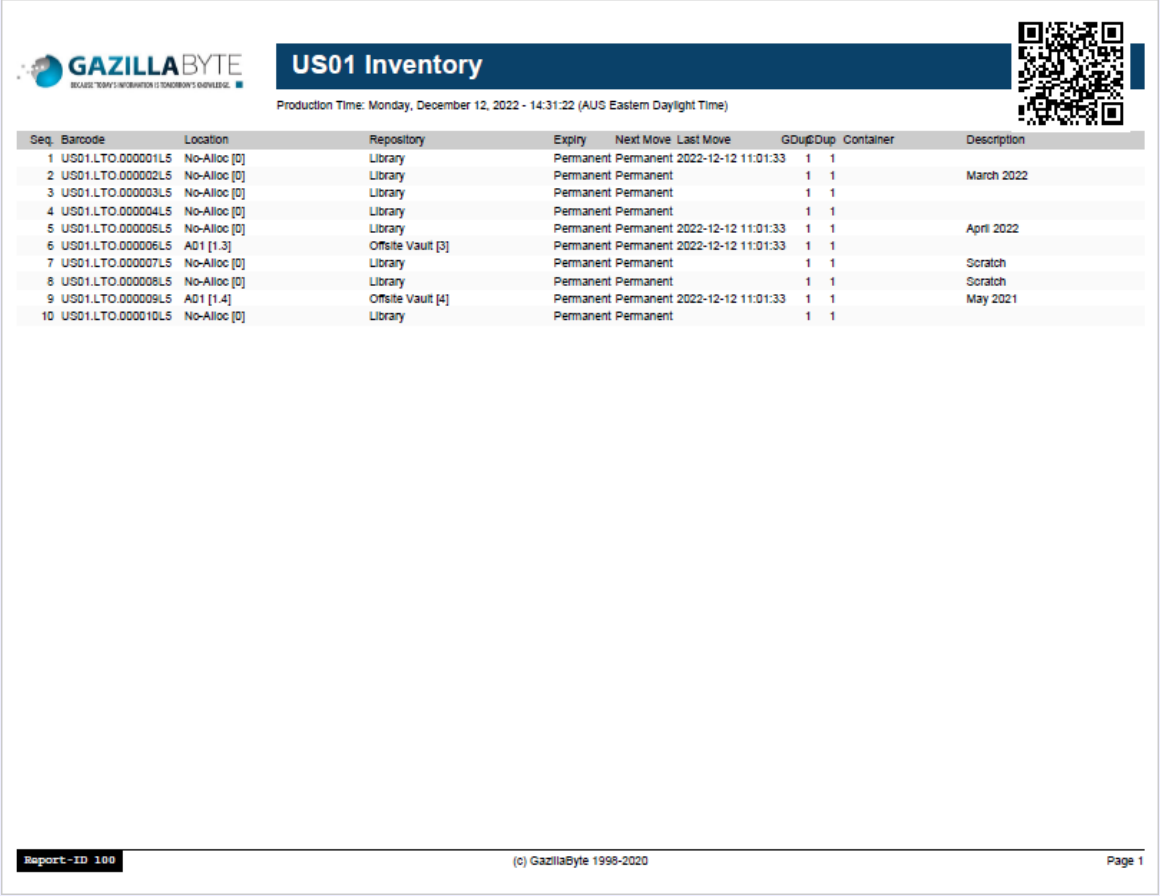
==== Report Variables ==== Variables set different parameters relating to how the report is configured and what output gets written to or dropped from the report. ^ Variable ^ Function ^ |TMSSREPORTFORMAT| Sets the report output to PDF| |TMSSPDFORIENTATION| Sets the orientation of the report, options are landscape or portrait| |TMSSPDFPAGESIZE| Sets the page size, options are letter, legal or A4| |TMSSPDFOUTPUTPATH| Sets the output directory and file name| Batch file code example: <code> set TMSSREPORTFORMAT=PDF set TMSSPDFORIENTATION=landscape set TMSSPDFPAGESIZE=letter set TMSSPDFOUTPUTPATH=./Inventory_Report_US01.pdf </code>





=== Customize Report === ^ Variable ^ Function ^ |TMSSPDFCOLORHDR| Sets the color of the report heading| |TMSSPDFLOGOPATH| Sets the path of the logo jpg image|

|TMSSREPORTTITLE| Sets the report title| <code> set TMSSPDFCOLORHDR=FF0000 set TMSSPDFLOGOPATH=./invoice_logo.jpg set TMSSREPORTTITLE100=US01 Inventory </code>



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US01 Inventory

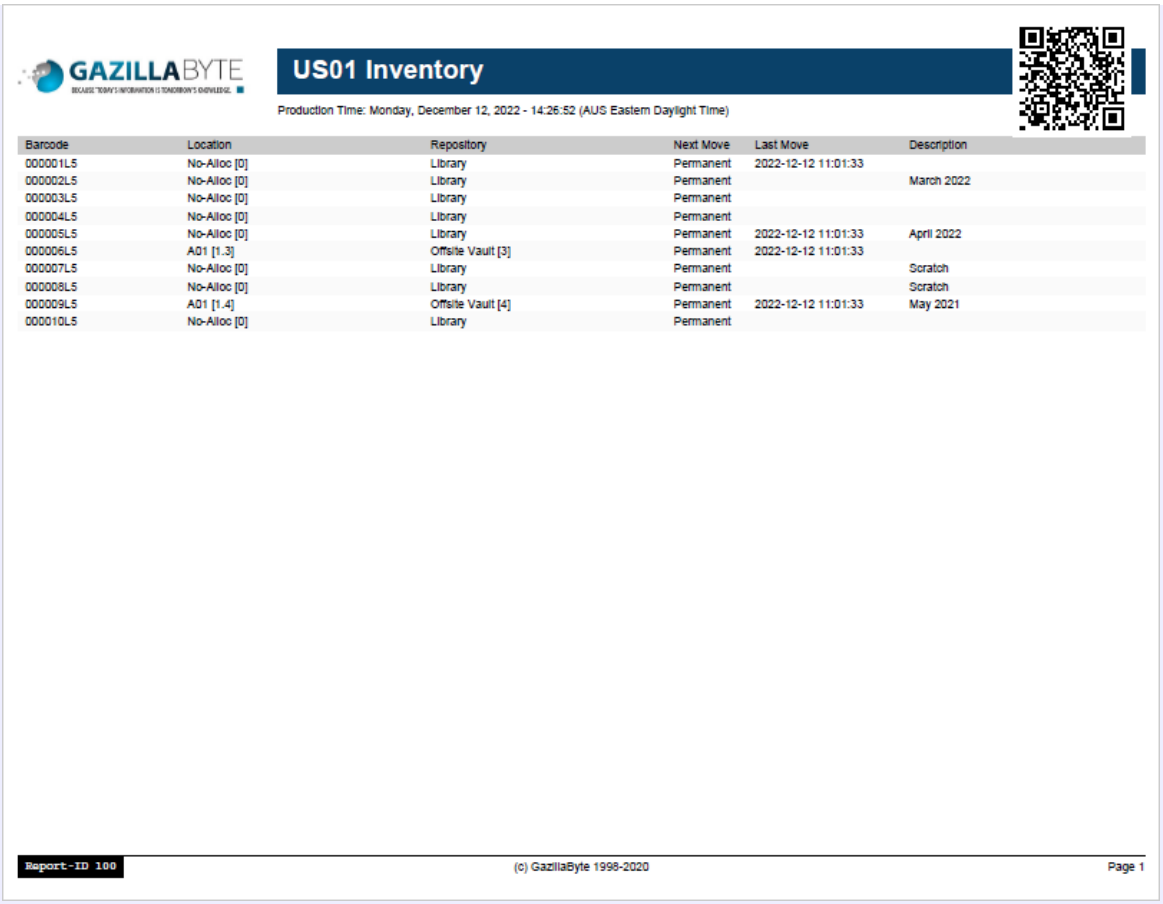
Production Time: Monday, December 12, 2022 - 14:31:22 (AUS Eastern Daylight Time)

Seq.	Barcode	Location	Repository	Expiry	Next Move	Last Move	GDup	Dup	Container	Description
1	US01.LTO.000001L5	No-Alloc [0]	Library	Permanent	Permanent	2022-12-12 11:01:33	1	1		
2	US01.LTO.000002L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		March 2022
3	US01.LTO.000003L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		
4	US01.LTO.000004L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		
5	US01.LTO.000005L5	No-Alloc [0]	Library	Permanent	Permanent	2022-12-12 11:01:33	1	1		April 2022
6	US01.LTO.000006L5	AD1 [1.3]	Offsite Vault [3]	Permanent	Permanent	2022-12-12 11:01:33	1	1		
7	US01.LTO.000007L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		Scratch
8	US01.LTO.000008L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		Scratch
9	US01.LTO.000009L5	AD1 [1.4]	Offsite Vault [4]	Permanent	Permanent	2022-12-12 11:01:33	1	1		May 2021
10	US01.LTO.000010L5	No-Alloc [0]	Library	Permanent	Permanent		1	1		

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=== Customize Columns === When outputting to PDF, as the report includes a lot of data, you may find columns overlap on the report. The reason there is to many columns for the space available in a PDF format is because the report is customizable, the choice of which columns to include or discard is left to the client to decide rather that make the choice for you. If all columns are required, outputting the report to text, CSV or EXCEL is advised. ^ Variable ^ Function ^ |TMSSREPORTCOLUMNDELETE| Removes specified columns from the report| |TMSSUNQUALIFIEDVOLUME''| Removes Customer-ID and Media-ID, displaying unqualified barcode| <code> set TMSSREPORTCOLUMNDELETE=1,5,8,9,10 set TMSSUNQUALIFIEDVOLUME=true </code>



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US01 Inventory

Production Time: Monday, December 12, 2022 - 14:26:52 (AUS Eastern Daylight Time)

Barcode	Location	Repository	Next Move	Last Move	Description
000001L5	No-Alloc [0]	Library	Permanent	2022-12-12 11:01:33	
000002L5	No-Alloc [0]	Library	Permanent		March 2022
000003L5	No-Alloc [0]	Library	Permanent		
000004L5	No-Alloc [0]	Library	Permanent		
000005L5	No-Alloc [0]	Library	Permanent	2022-12-12 11:01:33	April 2022
000006L5	A01 [1.3]	Offsite Vault [3]	Permanent	2022-12-12 11:01:33	
000007L5	No-Alloc [0]	Library	Permanent		Scratch
000008L5	No-Alloc [0]	Library	Permanent		Scratch
000009L5	A01 [1.4]	Offsite Vault [4]	Permanent	2022-12-12 11:01:33	May 2021
000010L5	No-Alloc [0]	Library	Permanent		

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==== Final Batch File ==== <code> :: Final batch file code :: PDF Inventory Report :: Output to file Inventory_Report_US01.pdf :: Custom Title with logo :: Columns 1,5,8,9,10 removed from report :: Volumes displayed unqualified volume-ID :: Report limited to Customer-ID US01 set TMSSREPORTFORMAT=PDF set TMSSPDFORIENTATION=landscape set TMSSPDFPAGESIZE=letter set TMSSPDFOUTPUTPATH=./Inventory_Report_US01.pdf set TMSSPDFCOLORHDR100=FF0000 set TMSSPDFLOGOPATH=./invoice_logo.jpg set TMSSREPORTTITLE100=US01 Inventory set TMSSREPORTCOLUMNDELETE=1,5,8,9,10 set TMSSUNQUALIFIEDVOLUME=true TMSS10Inventory -S user:-password@serveraddress -V US01..* 2> err.txt </code>*

technote, report, pdf, cli

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