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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 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.

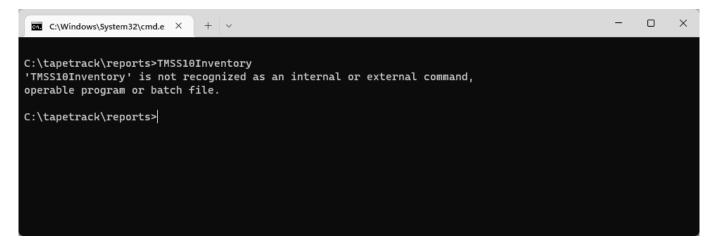
Methods to check:

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.

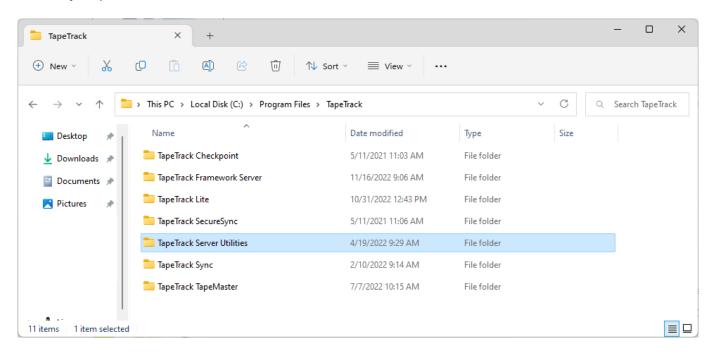
```
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\tapetrack\reports>TMSS10Inventory
ZBT001N-15:04:30 TMSS10Inventory (c) GazillaByte 1998-2020
ZBT002N-15:04:30 Compiled Dec 20 2020 at 18:25:39
ZBT010I-15:04:30 this program produces an Inventory Report of all selected Volumes
ZBT006N-15:04:30 Running Under Windows 10 (build 22621 10.00) on platform x64
ZBT000N-15:04:30 Host is Little Endian
ZBT000N-15:04:30 Host is ASCII
ZBT000N-15:04:30 Binary is 64 bit
ZBT000N-15:04:30 Current Working Directory is C:\tapetrack\reports
ZBT004N-15:04:30 Today is Monday, December 12, 2022
ZBT005N-15:04:30 Running on GazillaByte
```

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.

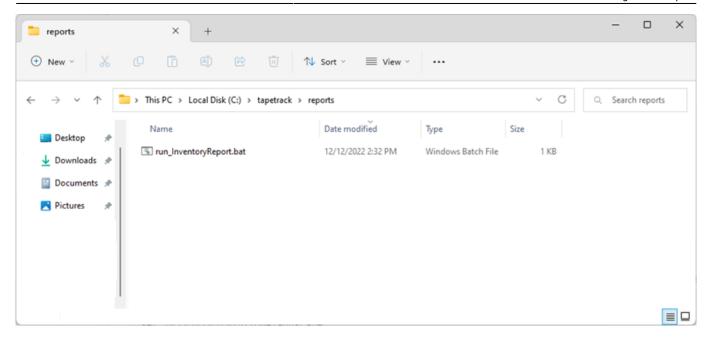
In this example we are using TMSS10Inventory, for other report utilities available see Server Utilities - Reports

Create Batch File

Create a batch file in the desired location and name it with a descriptive name, eg C:\tapetrack\run InventoryReport.bat

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Coding The Report

Open the batch file in Notepad or other plain text editor.



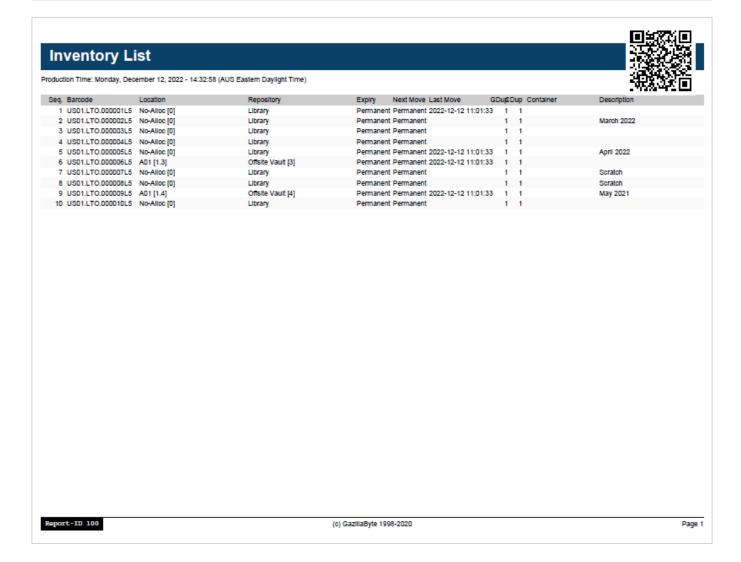
Report Variables

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
TMSSPDF0UTPUTPATH	Sets the output directory and file name

Batch file code example:

- set TMSSREPORTFORMAT=PDF
- set TMSSPDFORIENTATION=landscape
- set TMSSPDFPAGESIZE=letter
- set TMSSPDF0UTPUTPATH=./Inventory_Report_US01.pdf



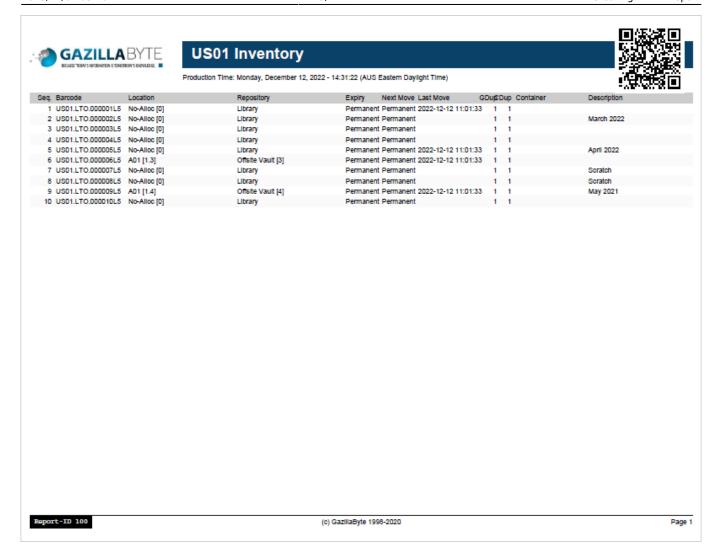
Customize Report

Variable	Function
TMSSPDFC0L0RHDR	Sets the color of the report heading
TMSSPDFL0G0PATH	Sets the path of the logo jpg image
TMSSREPORTTITLE	Sets the report title

- set TMSSPDFC0L0RHDR=FF0000
- set TMSSPDFL0G0PATH=./invoice_logo.jpg
- set TMSSREPORTTITLE100=US01 Inventory

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Customize Columns

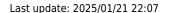
When outputting to PDF, as the report includes a lot of data, you may find columns overlap on the report.

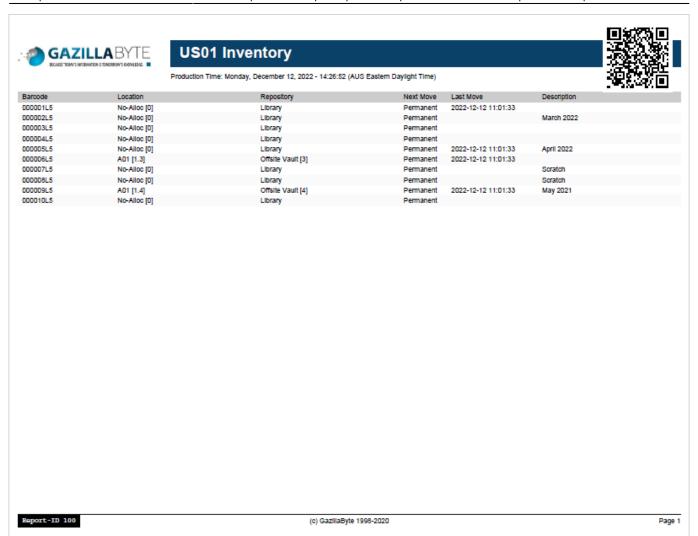
The reason there is to many columns for the space available in a PDF format is because the report is customizable, the choice of which columns to include or discard is left to the client to decide rather that make the choice for you.

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	

set TMSSREPORTCOLUMNDELETE=1,5,8,9,10
set TMSSUNQUALIFIEDVOLUME=true





Final Batch File

- :: 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 TMSSPDF0UTPUTPATH=./Inventory_Report_US01.pdf
- set TMSSPDFC0L0RHDR100=FF0000
- set TMSSPDFL0G0PATH=./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

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technote, report, pdf, cli

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