# 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.

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.

## 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_reports\run_InventoryReport.bat

# Coding The Report

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

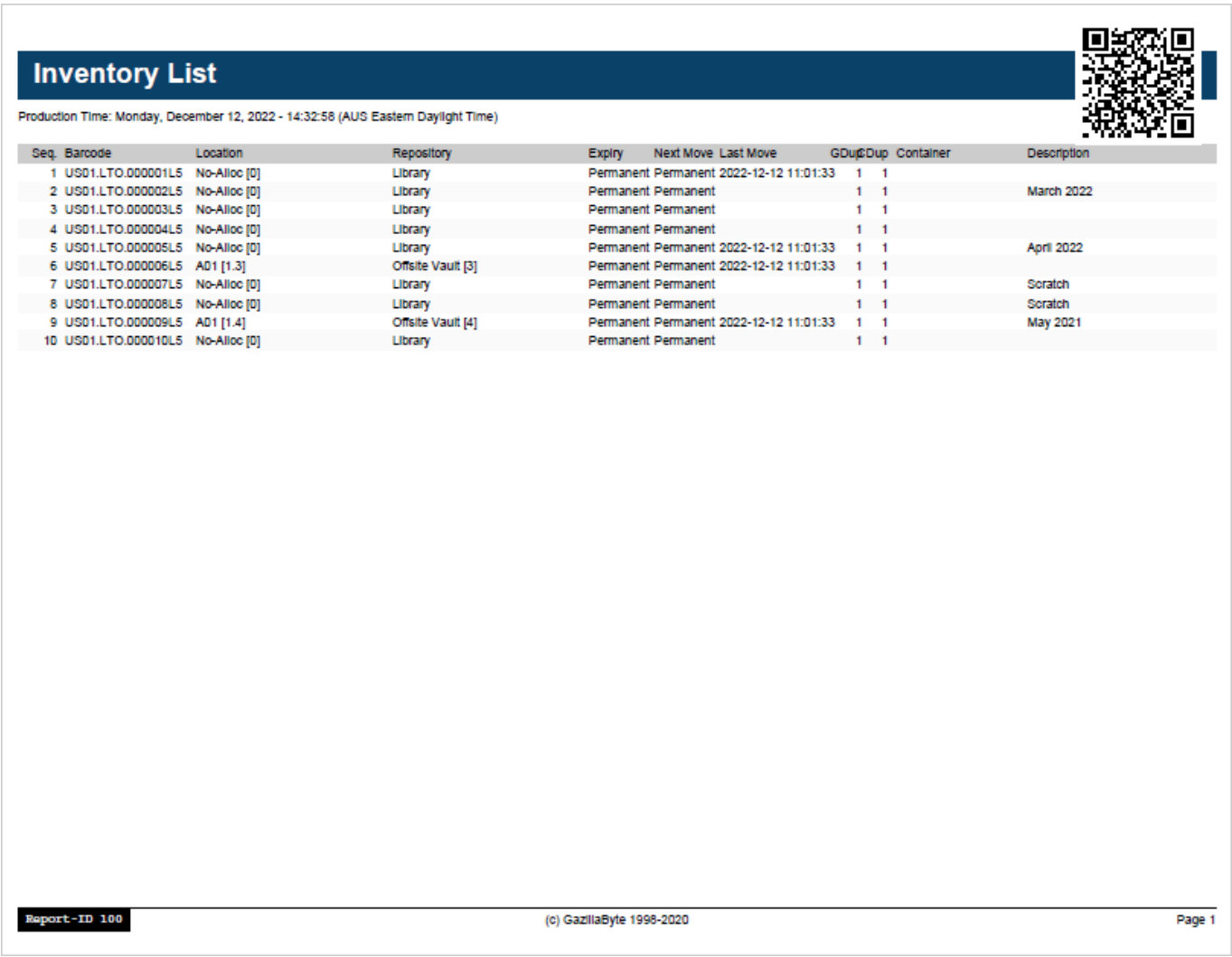
## Report Variables

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:

```
set TMSSREPORTFORMAT=PDF
set TMSSPDFORIENTATION=landscape
set TMSSPDFPAGESIZE=letter
set TMSSPDFOUTPUTPATH=./Inventory_Report_US01.pdf
```



## Inventory List

Production Time: Monday, December 12, 2022 - 14:32:58 (AUS Eastern Daylight Time)

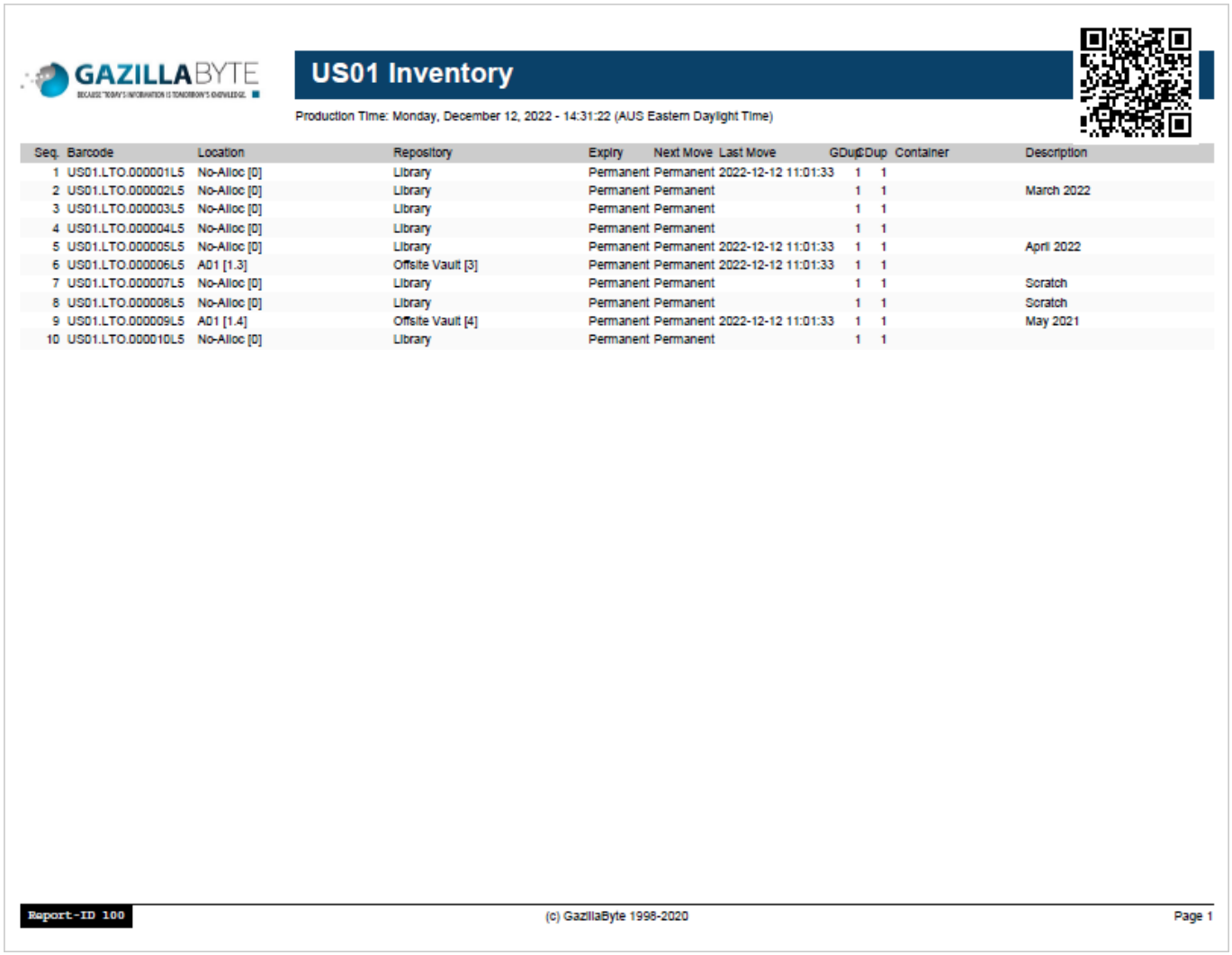
| Seq. | Barcode | Location | Repository | Expiry | Next Move | Last Move | GDup | CDup | Container | Description |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | US01.LTO.000001L5 | No-Alloc [0] | Library | Permanent | Permanent | 2022-12-12 11:01:33 | 1 | 1 | | |
| 2 | US01.LTO.000002L5 | No-Alloc [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 | A01 [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 | A01 [1.4] | Offsite Vault [4] | Permanent | Permanent | 2022-12-12 11:01:33 | 1 | 1 | | May 2021 |
| 10 | US01.LTO.00001DL5 | No-Alloc [0] | Library | Permanent | Permanent | | 1 | 1 | | |

Report-ID 100 (c) GazillaByte 1998-2020 Page 1

### 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 |

```
set TMSSPDFCOLORHDR=FF0000
set TMSSPDFLOGOPATH=./invoice_logo.jpg
set TMSSREPORTTITLE100=US01 Inventory
```



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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 | CDup | 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 | A01 [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 | A01 [1.4] | Offsite Vault [4] | Permanent | Permanent | 2022-12-12 11:01:33 | 1 | 1 | | May 2021 |
| 10 | US01.LTO.00001DL5 | No-Alloc [0] | Library | Permanent | Permanent | | 1 | 1 | | |

Report-ID 100 (c) GazillaByte 1998-2020 Page 1

### 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 |

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