

# Scan-File

A Scan-File is a listing of [Volume-ID's](#) that, through TapeTrack parsing, is converted in to a [Scan-map](#) of [Fully Qualified Barcodes](#) for input into [Command Line processes](#).

The TapeTrack Scan-File Format allows you to specify lists of TapeTrack compatible Barcodes, along with comments and Barcode defaults.


[Environmental Variables](#) will also be resolved before processing any [Barcodes](#) defaults or [Volume Barcodes](#). The syntax supports:

- [Barcodes](#): that are to be parsed according to TapeTrack [Barcode Logic](#).
- [Customer-ID/Media-ID](#) defaults: that set the [Customer-ID](#) and/or [Media-ID](#) where those values can not be determined by TapeTrack [Barcode Parsing](#).
- Comments: that are to be ignored by any processing logic (any line starting with a #).

## Scan-File

Scan files can either be [Volume-ID's](#) ready to process or passed in via a definition file (.ttidef) that translates an input file to extract the [Volume-ID's](#).

## Direct Input

A screenshot of a Notepad window titled "reconcile\_2017-11-29.txt - Notepad". The window contains a list of seven lines of text, each representing a tape volume ID. The text is as follows:

```
File Edit Format View Help
US04.LTO.000002L5
US04.LTO.000003L5
US04.LTO.000004L6
US04.LTO.000005L6
US04.LTO.000009L6
US04.LTO.000010L6
US04.LTO.111111L6
```

## Translated Input File

Instead of passing a data file directly to the TapeTrack process as a scan file, a definition file is specified as the Scan file to interpret the input file for processing.

## Input File - input.csv

```
TSMLIB_1,718315,Private,LG1SACTSM12,Data,1,058,LT0
TSMLIB_1,718868,Private,LG1SACTSM12,Data,1,028,LT0
TSMLIB_1,721008,Private,LG1SACTSM12,,1,083,LT0
TSMLIB_1,721264,Private,LG1SACTSM12,Data,1,036,LT0
TSMLIB_1,722685,Private,LG1SACTSM12,Data,1,052,LT0
TSMLIB_1,722723,Private,LG1SACTSM12,,1,079,LT0
TSMLIB_1,724335,Private,LG1SACTSM12,Data,1,066,LT0
TSMLIB_1,724525,Private, LG1SACTSM12,,1,082,LT0
```

## Definition File

```
# Set the input file
#
SetFile("input.csv");
#
# Set the Customer-ID and Media-ID
#
SetLiteral(CUSTOMER, "US01");
SetLiteral(MEDIA, "LT0");
#
# Set the delimiter to a CSV
#
SetCSVDelimiter(",");
#
# Extract the Volume-ID from the 2nd column
#
Extract(VOLUME, 2, 8, 0);
#
# Add the suffix to the Volume-ID
#
AddTranslation(VOLUME, "L?????", "*L5");
```

From:

<https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

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<https://rtfm.tapetrack.com/concepts/scan-file?rev=1626920459>

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