

# 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 a definition file (.ttidef) that translates an input file to parse the Volume-ID's before processing.

## Direct Input

A screenshot of a Notepad window titled "reconcile\_2017-11-29.txt - Notepad". The window contains a list of volume IDs, each on a new line. The menu bar shows "File", "Edit", "Format", "View", and "Help".

```
reconcile_2017-11-29.txt - Notepad
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

```
SetFile("input.csv");  
SetLiteral(CUSTOMER, "US01");  
SetLiteral(MEDIA, "LT0");  
#  
# Set the delimiter to a CSV  
#  
SetCSVDelimiter(",");  
#  
# Set the Volume-ID to the 2nd column  
#  
Extract(VOLUME, 2, 8, 0);  
#  
# Translate the Volumes so that they have the correct suffix  
#  
AddTranslation(VOLUME, "L?????", "*L5");
```

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