

Barcode Interpretation Definition

A Barcode Interpretation Definition uses a string pattern to identify the barcodes format and handle the barcode accordingly.

The string pattern allows the dissection, translation or substitution of a barcode to identify [Customer-ID](#), [Media-ID](#) and [Volume-ID](#).

To view, add, remove or alter current Barcode Interpretation Definitions, open the [Barcode Administration](#) window in TapeMaster.

The screenshot shows the TapeTrack TapeMaster™ (GazillaByte LLC) interface. The main window displays a list of Volumes under the heading "Los Angeles Data Center LTO Cartridge". The list has the following columns: ID, Current Location, Target Location, Next Move, and Description. The data rows are as follows:

ID	Current Location	Target Location	Next Move	Description
000057L6	Offsite Vault		Permanent	
000058L6	Offsite Vault		Permanent	
000059L6	Library		Permanent	
000060L6	Offsite Vault		Permanent	
000061L6	Library		Permanent	
000062L6	Library		Permanent	
000063L6	Offsite Vault		Permanent	
000064L6	Offsite Vault		Permanent	
000065L6	Library		Permanent	
000066L6	Offsite Vault	Library	Permanent	
000067L6	Library		Permanent	
000068L6	Library		Permanent	
000069L6	Offsite Vault	Library	Permanent	
000070L6	Offsite Vault	Library	Permanent	
000071L6	Library		Permanent	
000072L6	Offsite Vault	Library	Permanent	

Below the list, the "Total Items" is 1,585. At the bottom, there are icons for Repositories: Gemtrac, Library, Transport, and Offsite Vault. The status bar at the bottom indicates "Connection 127.0.0.1 uses AES 256 bit encryption".

Barcode Administration

When TapeTrack is installed the Barcode Administration window comes with generic barcode definitions pre-installed. These barcode definitions will handle the majority of standard barcode

formats. If you use a custom format of barcodes or deal with Customers that do you will need to add barcode definitions to instruct TapeTrack how to read them.

Barcode definition are read by TapeTrack from the top of the list (position 000) sequentially to the last definition, stopping when a match is found. It is therefore important to make sure your list is structured in such a way that the correct barcode definition is used to parse the barcodes.

Examples

Barcode Pattern Definition `????.????.*`

? translates to a single character * translates as a wild card and matches anything

Property	Value
Enabled	True
Barcode Description	Generic ?????.????.*
Scope	
Barcode Pattern	????[-]????[-].*
User Pattern	*
Range Start	
Range End	
Editing	
Edit Mask	00000000000000000000
Strip Characters	
Elements	
Customer-ID	
Use substring	True
Substring First Character	1
Substring Last Character	4
Media-ID	
Use substring	True
Substring First Character	6
Substring Last Character	9
Volume-ID	
Use substring	True
Substring First Character	11
Substring Last Character	20

Barcode US01.CONT.CT100100

The filter will dissect the barcode to

- Customer-ID: US01
- Media-ID: CONT

- Volume-ID: CT100100

Barcode Pattern Definition *? ?*

? translates to a single character * translates as a wild card and matches anything

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Enabled	True
Barcode Description	Space Barcode Hash
☐ Scope	
Barcode Pattern	*? ?*
User Pattern	*
Range Start	
Range End	
☐ Editing	
Edit Mask	00000000000000000000
Strip Characters	
☐ Elements	
☐ Customer-ID	
Use substring	False
Literal	
☐ Media-ID	
Use substring	False
Literal	
☐ Volume-ID	
Use substring	False
Literal	#

OK Cancel

Volume-ID MONDAY WEEK ONE

The filter will hash the barcode to

- X-D8ED51DA

[technote](#), [barcode](#), [tapemaster](#)

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