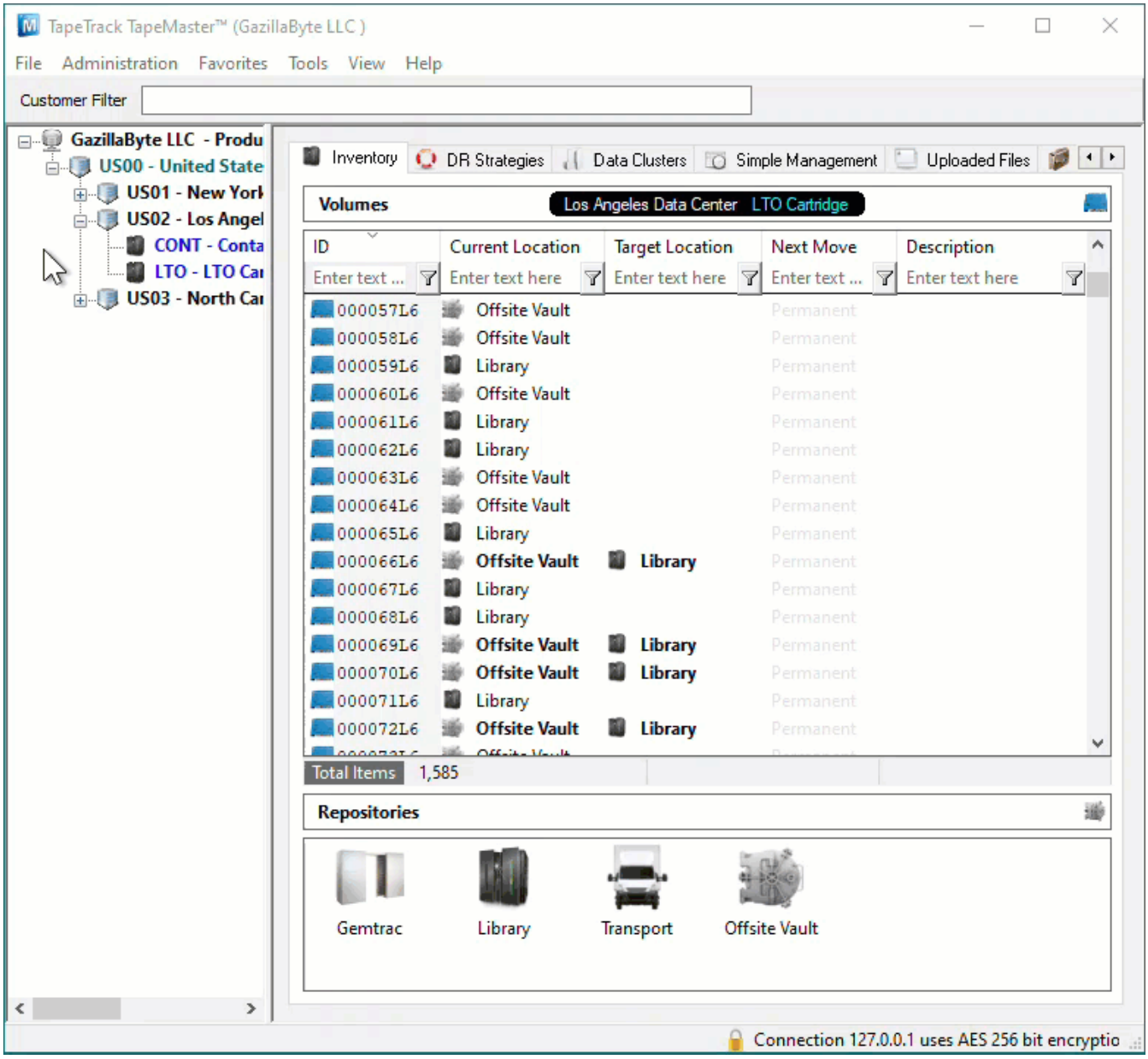
Barcode Interpretation Definition

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

The string pattern allows the disection, 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.



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

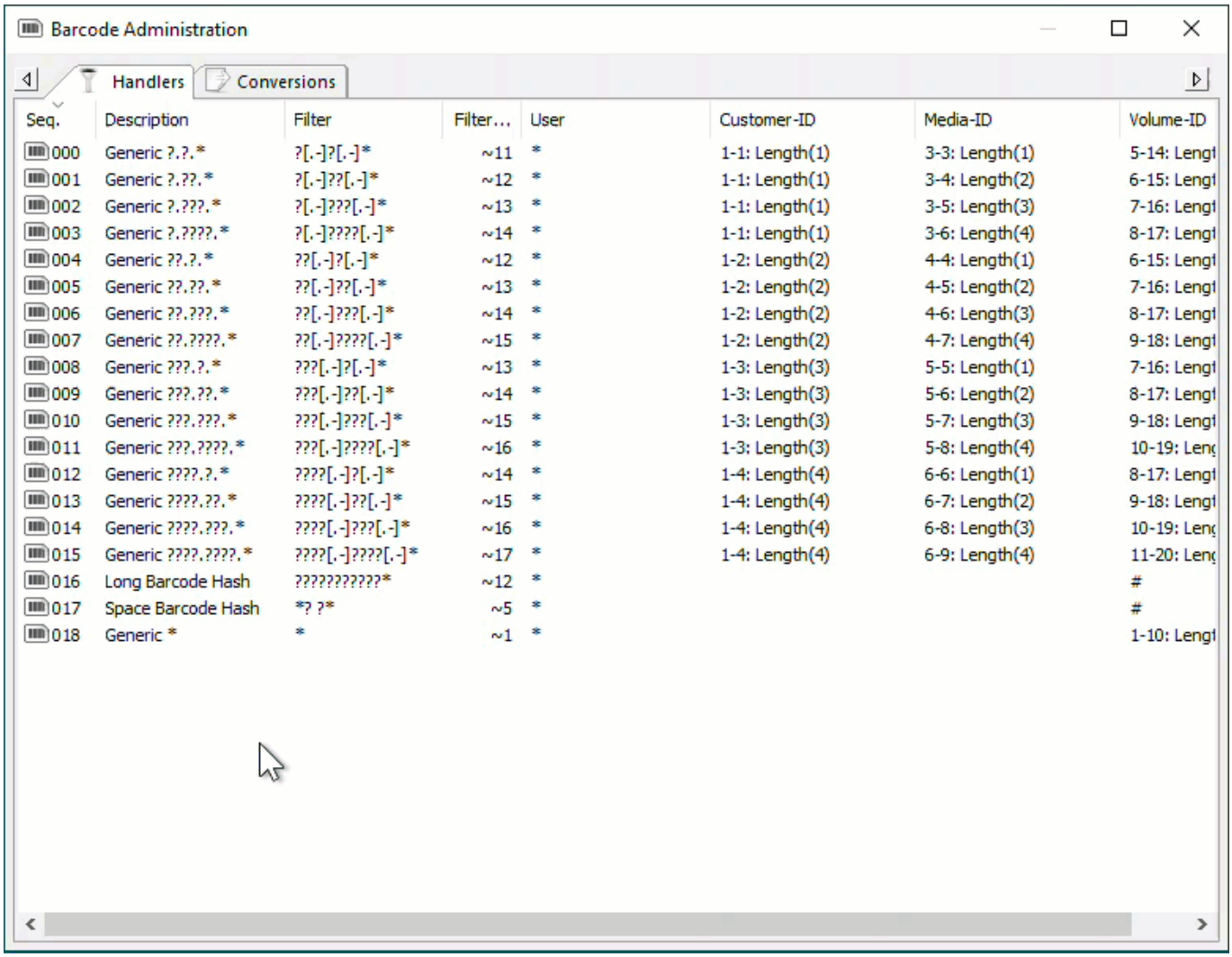
formats. If you use a custom formatted barcodes or deal with Customers that do you will need to add barcode definitions to instruct TapeTrack how to read them.

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.

For example, if you had a current barcode definition which encompassed most of your Volume-ID's but had a handful of Volume-ID's that needed customised processing but still met the above pattern, you would need to place the customised definition before it as the first compatible definition will be used.

Add New Barcode Definition

Right click on a current Barcode Definition in a position you want to add the new definition to. Select Add and then `Before`, `After` or End depending on where you want the new definition added to.



Seq.	Description	Filter	Filter...	User	Customer-ID	Media-ID	Volume-ID
000	Generic ?.?.*	?[.-]?[.-]*	~11	*	1-1: Length(1)	3-3: Length(1)	5-14: Lengt
001	Generic ?.??.*	?[.-]??[.-]*	~12	*	1-1: Length(1)	3-4: Length(2)	6-15: Lengt
002	Generic ?.???.*	?[.-]???[.-]*	~13	*	1-1: Length(1)	3-5: Length(3)	7-16: Lengt
003	Generic ?.????.*	?[.-]????[.-]*	~14	*	1-1: Length(1)	3-6: Length(4)	8-17: Lengt
004	Generic ??.?.*	??[.-]?[.-]*	~12	*	1-2: Length(2)	4-4: Length(1)	6-15: Lengt
005	Generic ??.??.*	??[.-]??[.-]*	~13	*	1-2: Length(2)	4-5: Length(2)	7-16: Lengt
006	Generic ??.???.*	??[.-]???[.-]*	~14	*	1-2: Length(2)	4-6: Length(3)	8-17: Lengt
007	Generic ??.????.*	??[.-]????[.-]*	~15	*	1-2: Length(2)	4-7: Length(4)	9-18: Lengt
008	Generic ???.?.*	???[.-]?[.-]*	~13	*	1-3: Length(3)	5-5: Length(1)	7-16: Lengt
009	Generic ???.??.*	???[.-]??[.-]*	~14	*	1-3: Length(3)	5-6: Length(2)	8-17: Lengt
010	Generic ???.???.*	???[.-]???[.-]*	~15	*	1-3: Length(3)	5-7: Length(3)	9-18: Lengt
011	Generic ???.????.*	???[.-]????[.-]*	~16	*	1-3: Length(3)	5-8: Length(4)	10-19: Leng
012	Generic ????.?.*	????[.-]?[.-]*	~14	*	1-4: Length(4)	6-6: Length(1)	8-17: Lengt
013	Generic ????.??.*	????[.-]??[.-]*	~15	*	1-4: Length(4)	6-7: Length(2)	9-18: Lengt
014	Generic ????.???.*	????[.-]???[.-]*	~16	*	1-4: Length(4)	6-8: Length(3)	10-19: Leng
015	Generic ????.????.*	????[.-]????[.-]*	~17	*	1-4: Length(4)	6-9: Length(4)	11-20: Leng
016	Long Barcode Hash	??????????*	~12	*			#
017	Space Barcode Hash	*? ?*	~5	*			#
018	Generic *	*	~1	*			1-10: Lengt

Edit New Barcode Definition

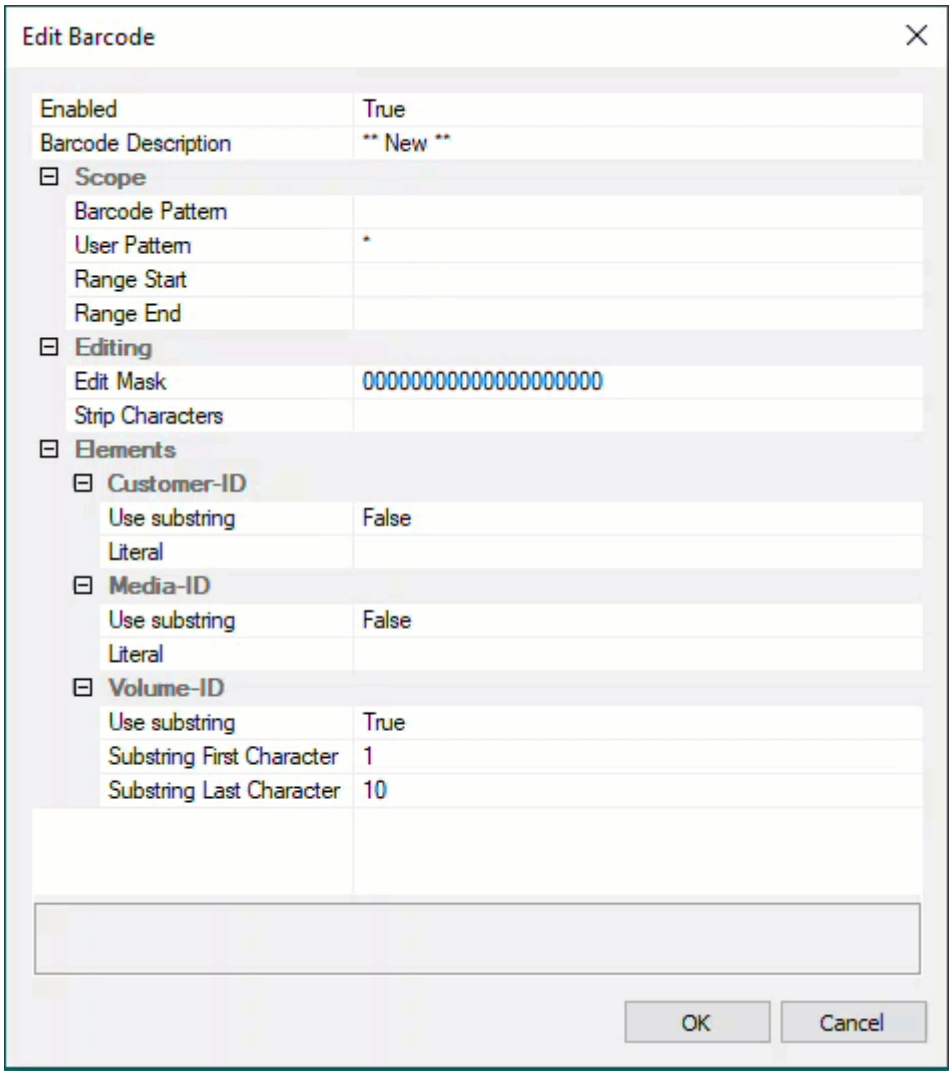
Right click on the new barcode definition and select Properties, or double click, to open the Edit Barcode window.

Barcode Fields

- Enabled
    - True: Barcode Definition is active.
    - False: Barcode Definition is not active.
- Barcode Description: Description of Barcode Definition, usually identifying definition action.
- Scope
    - Barcode Pattern
    - User Pattern
    - Range Start
    - Range End
- Editing
    - Edit Mask
    - Strip Characters
- Elements: Fields displayed for the Elements depend on the value chosen for Use Substring
    - Customer-ID
        - Use Substring
            - False Does not use a substring (portion of the barcode) for Customer-ID
                - Literal: Only visible when Use Substring set to False. Use a literal value for Customer-ID.
            - True: Uses a substring (portion of the barcode) for Customer-ID
                - Substring First Character: Only visible when Use Substring set to True. Position of start of substring of Customer-ID.
                - Substring Last Character: Only visible when Use Substring set to True. Position of end of substring of Customer-ID.
    - Media-ID
        - Use Substring
            - False Does not use a substring (portion of the barcode) for Media-ID
                - Literal: Only visible when Use Substring set to False. Use a literal value for Media-ID.
            - True: Uses a substring (portion of the barcode) for Media-ID
                - Substring First Character: Only visible when Use Substring set to True. Position of start of substring of Media-ID.
                - Substring Last Character: Only visible when Use Substring set to True. Position of end of substring of Media-ID.
    - Volume-ID
        - Use Substring
            - False Does not use a substring (portion of the barcode) for Volume-ID
                - Literal: Only visible when Use Substring set to False. Use a literal value for Volume-ID.
            - True: Uses a substring (portion of the barcode) for Volume-ID
                - Substring First Character: Only visible when Use Substring set to True. Position of start of substring of Volume-ID.
                - Substring Last Character: Only visible when Use Substring set to True. Position of end of substring of Volume-ID.

Editing new Barcode Definition for long duplicate Barcodes,

- Matching filter ????????DUP-?? (eg. 004762L3DUP-01)
- Limited to User-ID's starting with US
- Drop UP-0 from Barcode using mask 00000000011110



Further Examples

For a range of barcode definitions see Barcode Definition Examples.

From:
https://docs.tapetrack.com/ - **TapeTrack Documentation**

Permanent link:
https://docs.tapetrack.com/technote/barcode-interpretation-definition?rev=1614214592

Last update: **2025/01/21 22:07**