VolumeAuto: Setting Move Dates

VolumeAuto uses Volume filters and date values from VolumeAuto.txt that can be employed to override default return dates and descriptions for matched Volumes.

The VolumeAuto process can be useful for setting next move dates of selected Volumes where the retention dates don't follow a regular schedule that could be handled by Simple Management rules.

The VolumeAuto process also has the advantage of being able to automatically set next move dates using Lite as opposed to having Simple Management rules that require access to TapeMaster.

VolumeAuto.txt can be found in the Lite install directory, default location C:\Program Files\TapeTrack\TapeTrack Lite\VolumeAuto.txt.

```
VolumeAuto.txt - Notepad
                                                                                                       File Edit Format View Help
  Sample VolumeAuto File
#
  This file contains values that will override the default return date for specific volumes.
#
  The file is in CSV Format, and contains the following fields:
  (1) Volume Filter in Customer. Media. Volume Format
#
  (2) Move Date in the following formats:
        (2.1) YYYY-MM-DD
        (2.2) *+n (where * is today, and n is an integer days offset)
        (2.3) Y+n (where Y is the first day of the next year, and n is an integer years offset)
        (2.4) y+n (where y is the last day of the next year, and n is an integer years offset)
        (2.5) M+n (where M is the first day of the next month, and n is an integer months offset)
        (2.6) m+n (where m is the last day of the next month, and n is an integer months offset)
#
  (3) Description
#
  If a volume filter is matched, and the date value is in the past then the search continues.
#
  Examples:
#
 ACME.DL.*,*+10, Test Description <- Today + 10 days
  *.DL.*,Y+7,Test Description <- First of next year, + 7 years
# ACME.DL.*,2010-12-01, Test Description <- First of December 2010
```

File Format

The file VolumeAuto.txt is in a comma delimitered CSV Format using the format volume filter,date,new description.

The file contains the following fields:

- Volume Filter in Customer.Media.Volume Format
- Move Date in the following formats:
 - o YYYY-MM-DD
 - *+n (where * is today, and n is an Integer days offset
 - Y+n (where Y is the first day of the next year, and n is an Integer years offset)
 - y+n (where y is the last day of the next year, and n is an Integer years offset)
 - M+n (where M is the first day of the next month, and n is an Integer months offset)

- o m+n (where m is the last day of the next month, and n is an Integer months offset)
- Description

Setting Move Dates

Open VolumeAuto.txt in a text editor such as Notepad.

At the bottom of the file, under the comment lines (#) and insert the required filters and move dates in the format volume filter, date, new description.

Set the volume filter using string pattern matching to include the required Volumes

Set the next move date using the relevant date format.

Add new description. If no description is added to the filter (ie volume_filter,date) the move date will still be added but description will be left as the current value.

Function

When using the Send function in Lite, Volumes will be compared to the filters contained in the VolumeAuto file.

- If a matching filter is found the date will be evaluated.
 - if the date value is in the past the search will continue.
 - o If the date value is in the future, the move date will be overridden with the date value.
- If no matching filter is found the default move date will be applied to the Volume.

Examples

All Volumes from:

Customer: ACMEMedia type: LTO

Move date: Today + 10 daysNew Description: Test Description

ACME.LTO.*,*+10,Test Description

All Volumes from:

Customer: allMedia type: LTO

Move date: First of next year, + 7 years
New Description: Test Description

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.LTO.,Y+7,Test Description

All Volumes from:

Customer: ACMEMedia type: LTO

Move date: First of December 2010New Description: Test Description

ACME.LTO.*,2010-12-01,Test Description

Volume 100122L6:

Customer: ACMEMedia type: LTO

Move date: Listed set of datesNew Description: Test Description

ACME.LTO.100122L6,2019-01-04,Test Description ACME.LTO.100122L6,2019-01-11,Test Description ACME.LTO.100122L6,2019-01-18,Test Description ACME.LTO.100122L6,2019-01-25,Test Description ACME.LTO.100122L6,2019-02-01,Test Description ACME.LTO.100122L6,2019-02-08,Test Description ACME.LTO.100122L6,2019-02-15,Test Description

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