FUZZY Matching

TapeMaster supports fuzzy pattern matching using the special filter prefix:

Synopsis

`FUZZY:text:floor`

Options

- `text` the string you are searching for
- `floor` the minimum fuzzy score required for a match

A higher floor equals a stricter match, lower floor means a looser match. The fuzzy floor value is typically between 0 and 100.

Example

Example set of Description values for Volumes in TapeMaster:

Production database weekly backup
Prod DB full backup
Prod data backup set
Production export dump
Development database backup
Weekly archive - finance system

Low Match (Loose Filtering)

Use a low floor value to allow broad matching, abbreviations, and partial similarity.

```
FUZZY:production backup:40
```

This will typically match:

Production database weekly backup
Prod DB full backup
Prod data backup set
PRD database BKP
Production export dump

This level is useful when Description fields are inconsistent or abbreviated.

Medium Match (Balanced Filtering)

Use a medium floor value for normal operational filtering. This reduces false positives while still allowing minor differences.

```
FUZZY:production backup:70
```

This will typically match:

Production database weekly backup
Prod DB full backup
Prod data backup set

This will typically exclude:

Production export dump
Development database backup
Weekly archive - finance system

This is recommended for most day-to-day filtering in TapeMaster.

High Match (Strict Filtering)

Use a high floor value when the Description field is consistent and you require close similarity.

```
FUZZY:production backup:90
```

This will typically match:

Production backup
Production database backup

This will typically exclude:

Production database weekly backup
Prod DB full backup
Prod data backup set
PRD database BKP

This level is useful when you want to avoid incorrect or loosely related matches.

Fuzzy Floor Guidelines

Floor Value	Match Type	Typical Use
30 - 50	Low (Loose)	Inconsistent descriptions, abbreviations
60 - 80	Medium	Normal operational filtering
85 - 95	High (Strict)	Standardised Description formats

Additional Examples

Find descriptions similar to “monthly archive”:

```
FUZZY:monthly archive:45
```

```
FUZZY:monthly archive:70
```

```
FUZZY:monthly archive:90
```

See Also

FUZZY pattern matching

cookbook, pattern, string

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