

Pattern Clause Position Matching

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For a number of different transform types, you can specify the limits at which any match is valid for a text string. In the diagram below, you can see how six different positional identifiers can be applied to pattern matching:

NOTE: Depending on the type of transform, some of these clauses are not available.

Positioning



Figure: Pattern Clause Positioning

after

Identifies pattern or string after which the match is evaluated.

Example transformation:

| | |
|---------------------------------|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | On pattern |
| Parameter: After pattern | 'eat ' |

Extracts:

pizza on Fridays with my friends."

from

Identifies pattern or string from which the match is evaluated. Any match includes the `from` clause pattern or string.

Example transformation:

| | |
|--|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | Between two parameters |
| Parameter: After pattern | 'eat ' |
| Parameter: Include as part of match | true |

Extracts:

```
eat pizza on Fridays with my friends."
```

before

Identifies pattern or string before which the match is evaluated.

Example transformation:

| | |
|----------------------------------|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | On pattern |
| Parameter: Before pattern | 'friends' |

Extracts:

```
"I like to eat pizza on Fridays with my
```

to

Identifies pattern or string up to which the match is evaluated. Any match includes the `to` clause pattern or string.

Example transformation:

| | |
|----------------------------|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | Between two patterns |

| | |
|--|-----------|
| Parameter: Before pattern | 'friends' |
| Parameter: Include as part of match | true |

Extracts:

"I like to eat pizza on Fridays with my friends

on

Identifies pattern or string in which the match may be found.

Example transformation:

| | |
|---------------------------------|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | On pattern |
| Parameter: Match pattern | 'Fridays' |

Extracts:

Fridays

at

Identifies the index of starting (x) and ending (y) characters in the string to match. In the above example, at : 2 , 6 matches the string like.

Example transformation:

| | |
|-----------------------------|-------------------------|
| Transformation Name | Extract text or pattern |
| Parameter: Column | MySentence |
| Parameter: Option | Between two positions |
| Parameter: Positions | 2,6 |

Extracts:

like

Pattern Parameter Interactions

The following table identifies the pattern parameters that can be matched with the parameter in the left column.

NOTE: The `at` parameter does not interact with any of the listed parameters.

| Parameter | after | from | before | to | on |
|-----------|--------------------------|---------------|-------------------------|--------------|--------------------------|
| after | See Note 1. | No. | before or to | before or to | Yes. Can include before. |
| from | No. | See Note 1. | before or to | before or to | No. |
| before | after or from | after or from | See Note 1. | No. | Yes. Can include after. |
| to | after or from | after or from | No. | See Note 1. | No. |
| on | Yes. Can include before. | No. | Yes. Can include after. | No. | |

- **Note 1:** If there is no other pattern parameter in the transform, the maximum number of matches per cell is 1. If there is a matching parameter, more matches per cell can be found.