Pattern Clause Position Matching

Contents:

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.