Amtiri

AMTIRI SCRIPT

Strings

Generated on November 25, 2026

Strings

Format

`format` · `format(format: string, [parameters: any...])`

Builds a text from a pattern and its arguments, using Java format specifiers - %s for text, %d for a whole number, %.2f for two decimals. The decimal separator follows the locale set when the formula was compiled.

Parameters

Name	Type	Description
`format`	`string`	The pattern, with one specifier per argument.
`parameters`	`any` (0 or more)	A value to substitute into the pattern, in order.

Returns `string`: The formatted text.

Examples

```
format("%s at %.1f %%", TAG, LEVEL) # "P-101 at 42.5 %"
"%05d".format(COUNT) # "00003"
format("%tT", START) # "08:00:00"
"#%06X".format(rgb(1, 0, 0)) # "#FF0000"
```

Substring

`substr` · `substr(string: string, from: int, to: int)`

The part of a text between two positions, counting from 0 and excluding the character at to.

Parameters

Name	Type	Description
`string`	`string`	The text to cut.
`from`	`int`	The first position to keep, counting from 0.
`to`	`int`	The first position to drop.

Returns `string`: The extracted text.

Examples

```
substr(TAG, 2, 5) # "101"
TAG.substr(0, 1) # "P"
```

To lower case

`to_lower` · `to_lower(string: string)`

Converts a text to lower case.

Parameters

Name	Type	Description
`string`	`string`	The text to convert.

Returns `string`: The lower-case text.

Examples

```
to_lower(TAG) # "p-101"
```

To upper case

`to_upper` · `to_upper(string: string)`

Converts a text to upper case.

Parameters

Name	Type	Description
`string`	`string`	The text to convert.

Returns `string`: The upper-case text.

Examples

```
to_upper("pump") # "PUMP"
```

Trim

`trim` · `trim(string: string)`

Removes leading and trailing whitespace from a text.

Parameters

Name	Type	Description
`string`	`string`	The text to trim.

Returns `string`: The trimmed text.

Examples

```
trim("  P-101 ") # "P-101"
```

This page describes Amtiri Script 5.5.0 as shipped with Data Orchester engine 6.22.0 and Site 1.27.0.