String Operations

The Designer supports string manipulation operations. Internally, strings are represented as UTF-8 strings.
The following operations are offered by the **String** class:

- capture() Operation
- castValue() Operation
- concat() Operation
- convertBase64ToBlob() Operation
- convertDurationToDateTime() Operation
- convertHexToBlob() Operation
- convertToBoolean Operation()
- convertToDateTime() Operation
- convertToFloat() Operation for Strings
- convertToInteger() Operation for Strings
- endsWith() Operation
- escapeURI() Operation
- extendedJSONToClass() Operation
- findPattern() Operation
- findPatterns() Operation
- findString() Operation
- jsonToClass() Operation
- match() Operation
- normalizeSpaces() Operation
- padLeft() Operation
- padRight() Operation
- parseDateTimeExpression() Operation
- parseFloatExpression() Operation
- parseIntegerExpression() Operation
- parseLocalDateTimeExpression() Operation
- removeAccents() Operation
- replace() Operation
- split() Operation
- startsWith() Operation
- stringLength() Operation
- substring() Operation
- substringAfter() Operation
- substringBefore() Operation
- toASCII() Operation
- toLower() Operation
- toUpper() Operation
- transcodeToBlob() Operation
- transliterate() Operation
- unescapeURI() Operation
- xmlToClass() Operation for Strings

On this Page:

Related Pages:

- text() Macro
- Available Base Types
- Overview on All Type Conversion Operations

Escaping Characters

String literals are created by putting character sequences into single (`'…'`) or double quotes (`"…"`). If the string literal contains double quotes, they can be used without escaping if the literal is enclosed by single quotes and vice versa:

- `"myString'StringWithinQuotes'end"`
- `'myString"StringWithinDoubleQuotes"end'`

An alternative to handle quotes within a string is escaping the quotes with a backslash (`\"` or `\'`):

- `"myString\"StringWithinDoubleQuotes\"end"`
- `'myString\'StringWithinDoubleQuotes\'end'`

Another backslash character is escaping the backslash character itself (`\\`).

> If you want to use white spaces like tabs, new lines, or carriage returns in a string, use the text() macro.