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Author Nicole White [aut, cre], Oliver Keyes [aut]

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Description String operations the Python way - a package for those of us who miss Python's string methods while we're working in R.

Maintainer Nicole White <nicole.m.white@outlook.com>

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 pystr

Python String Methods in R

Description

String operations the Python way - a package for those of us who miss Python's string methods while we're working in R. For support, please [create a new GitHub issue](#).

Author(s)

Nicole White

| | |
|------------------|-----------------------------|
| pystr_capitalize | <i>Capitalize a string.</i> |
|------------------|-----------------------------|

Description

Return a copy of the string with its first character capitalized and the rest lowercased.

Usage

```
pystr_capitalize(str)
```

Arguments

| | |
|-----|---------------------|
| str | A character vector. |
|-----|---------------------|

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.capitalize>

See Also

[pystr_title](#)

Examples

```
pystr_capitalize("ONCE UPON A TIME, ")
```

| | |
|--------------|-------------------------|
| pystr_center | <i>Center a string.</i> |
|--------------|-------------------------|

Description

Return str centered in a string of length width.

Usage

```
pystr_center(str, width, fillchar = " ")
```

Arguments

| | |
|----------|---------------------|
| str | A character vector. |
| width | An integer. |
| fillchar | A character string. |

Details

Padding is done using the specified fillchar (default is an ASCII space). The original string is returned if width is less than or equal to nchar(str).

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.center>

See Also

[pystr_ljust](#), [pystr_rjust](#)

Examples

```
pystr_center("center me", 15)
pystr_center("center me", 15, "*")
```

pystr_count

Count the occurrences of a substring.

Description

Return the number of non-overlapping occurrences of substring sub in the range start, end.

Usage

```
pystr_count(str, sub, start = 1, end = max(nchar(str)))
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| sub | A character string. |
| start | An integer. |
| end | An integer. |

Value

A numeric vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.count>

Examples

```
pystr_count("ababab", "aba")
pystr_count("abcdefghijklmnopqrstuvwxyz123", "abc")
pystr_count("a--b--c", "--", 4)
pystr_count(c("one", "two", "three"), "e")
```

| | |
|----------------|--------------------------------------|
| pystr_endswith | <i>Check the suffix of a string.</i> |
|----------------|--------------------------------------|

Description

Return TRUE if the string `str` ends with the specified `suffix`, otherwise return FALSE.

Usage

```
pystr_endswith(str, suffix, start = 1, end = nchar(str))
```

Arguments

| | |
|---------------------|---------------------|
| <code>str</code> | A character vector. |
| <code>suffix</code> | A character vector. |
| <code>start</code> | A numeric vector. |
| <code>end</code> | A numeric vector. |

Details

With optional `start`, test beginning at that position. With optional `end`, stop comparing at that position.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.endswith>

See Also

[pystr_startswith](#)

Examples

```
pystr_endswith("selfie.jpg", ".jpg")
pystr_endswith("selfie.jpg", ".png")
pystr_endswith("hello world", "ello", 1, 5)
```

| | |
|------------|--|
| pystr_find | <i>Find the lowest index of a substring.</i> |
|------------|--|

Description

Return the lowest index in the string where substring sub is found, such that sub is contained in the slice substr(str, start, end).

Usage

```
pystr_find(str, sub, start = 1, end = nchar(str))
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| sub | A character vector. |
| start | A numeric vector. |
| end | A numeric vector. |

Value

A numeric vector. -1 indicates sub was not found.

References

<https://docs.python.org/3/library/stdtypes.html#str.find>

See Also

[pystr_rfind](#)

Examples

```
pystr_find("abcdxyzabc", "abc")  
pystr_find("abc", "xy")  
pystr_find("abcxyzabc", "abc", 4)
```

| | |
|--------------|-------------------------|
| pystr_format | <i>Format a string.</i> |
|--------------|-------------------------|

Description

Perform a string formatting operation.

Usage

```
pystr_format(str, ...)
```

Arguments

| | |
|-----|--|
| str | A character vector. |
| ... | Parameter values. See details and examples |

Details

The string on which this method is called can contain literal text or replacement fields delimited by braces {}. Each replacement field contains either the numeric index of a positional argument, or the name of a keyword argument. Returns a copy of the string where each replacement field is replaced with the string value of the corresponding argument.

If ... is a single argument of a data.frame-like object, pystr_format will return an nrow()-length character vector using the column names of the data.frame for the named {placeholder}s.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.format>

Examples

```
# Numeric placeholders

pystr_format("Hello {1}, my name is {2}.", "World", "Nicole")
pystr_format("Hello {1}, my name is {2}.", c("World", "Nicole"))
pystr_format("Hello {1}, my name is {2}.", list("World", "Nicole"))

# Named placeholders

pystr_format("Hello {thing}, my name is {name}.", thing="World", name="Nicole")
pystr_format("Hello {thing}, my name is {name}.", c(thing="World", name="Nicole"))
pystr_format("Hello {thing}, my name is {name}.", list(thing="World", name="Nicole"))

# Pass in characters and numbers
```

```
pystr_format("Hello {name}, you have {n} new notifications!", name="Nicole", n=2)

## Placeholders can be used more than once

pystr_format("The name is {last}. {first} {last}.", last="Bond", first="James")

## Pass in a whole data frame, matching by column names

my_cars <- data.frame(car=rownames(mtcars), mtcars)
head(pystr_format("The {car} gets {mpg} mpg (hwy) despite having {cyl} cylinders.", my_cars))

supers <- data.frame(first=c("Bruce", "Hal", "Clark", "Diana"),
                    last=c("Wayne", "Jordan", "Kent", "Prince"),
                    is=c("Batman", "Green Lantern", "Superman", "Wonder Woman"))
pystr_format("{first} {last} is really {is} but you shouldn't call them {first} in public.", supers)
```

pystr_index

Find the lowest index of a substring.

Description

Like [pystr_find](#) but raises an error if sub is not found.

Usage

```
pystr_index(str, sub, start = 1, end = nchar(str))
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| sub | A character vector. |
| start | A numeric vector. |
| end | A numeric vector. |

Value

A numeric vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.index>

See Also

[pystr_rindex](#)

Examples

```
pystr_index("abcxyzabc", "abc")
pystr_index("abcxyzabc", "abc", 4)
## Not run:
pystr_index("abcxyzabc", "123")

## End(Not run)
```

| | |
|---------------|---|
| pystr_isalnum | <i>Check if a string is alphanumeric.</i> |
|---------------|---|

Description

Return TRUE if all characters in the string are alphanumeric and there is at least one character, FALSE otherwise.

Usage

```
pystr_isalnum(str)
```

Arguments

str A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.isalnum>

See Also

[pystr_isalpha](#), [pystr_isnumeric](#)

Examples

```
pystr_isalnum("abc")
pystr_isalnum("abc123")
pystr_isalnum("abc123!")
pystr_isalnum(c("one", "2", "three!"))
```

pystr_isalpha *Check if a string is alphabetic.*

Description

Return TRUE if all characters in the string are alphabetic and there is at least one character, FALSE otherwise.

Usage

```
pystr_isalpha(str)
```

Arguments

str A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.isalpha>

See Also

[pystr_isalnum](#), [pystr_isnumeric](#)

Examples

```
pystr_isalpha("abc")
pystr_isalpha("abc123")
pystr_isalpha("abc!")
pystr_isalpha(c("one", "2", "three!"))
```

pystr_islower *Check if a string is lowercase.*

Description

Return TRUE if all cased characters in the string are lowercase and there is at least one cased character, FALSE otherwise.

Usage

```
pystr_islower(str)
```

Arguments

`str` A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.islower>

See Also

[pystr_isupper](#)

Examples

```
pystr_islower("all lowercase!")  
pystr_islower("All Lowercase?")  
pystr_islower("abc123")
```

`pystr_isnumeric` *Check if a string is numeric.*

Description

Return TRUE if all characters in the string are numeric characters, and there is at least one character, FALSE otherwise.

Usage

```
pystr_isnumeric(str)
```

Arguments

`str` A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.isnumeric>

See Also

[pystr_isalpha](#), [pystr_isalnum](#)

Examples

```
pystr_isnumeric("123")
pystr_isnumeric("123a")
pystr_isnumeric("123!")
```

pystr_isspace *Check if a string is whitespace.*

Description

Return TRUE if there are only whitespace characters in the string and there is at least one character, FALSE otherwise.

Usage

```
pystr_isspace(str)
```

Arguments

str A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.isspace>

Examples

```
pystr_isspace(" ")
pystr_isspace(" a ")
```

pystr_istitle *Check if a string is titlecase.*

Description

Return TRUE if the string is a titlecased string and there is at least one character, for example uppercase characters may only follow uncased characters and lowercase characters only cased ones. Return FALSE otherwise.

Usage

```
pystr_istitle(str)
```

Arguments

`str` A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.istitle>

Examples

```
pystr_istitle("I Am A Title")  
pystr_istitle("I Am not A Title")
```

| | |
|----------------------------|--|
| <code>pystr_isupper</code> | <i>Check if a string is uppercase.</i> |
|----------------------------|--|

Description

Return TRUE if all cased characters in the string are uppercase and there is at least one cased character, FALSE otherwise.

Usage

```
pystr_isupper(str)
```

Arguments

`str` A character vector.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.isupper>

See Also

[pystr_islower](#)

Examples

```
pystr_islower("ALL UPPERCASE!")  
pystr_islower("All Uppercase?")  
pystr_islower("ABC123")
```

pystr_join *Join the elements of a character vector or list into a string.*

Description

Return a string which is the concatenation of the elements in the iterable `iterable`, where `sep` is the separator between elements.

Usage

```
pystr_join(iterable, sep = "")
```

Arguments

| | |
|-----------------------|---------------------|
| <code>iterable</code> | A character vector. |
| <code>sep</code> | A character string. |

Value

A character vector or list.

References

<https://docs.python.org/3/library/stdtypes.html#str.join>

See Also

[pystr_split](#)

Examples

```
pystr_join(c("A", "B", "C"))
pystr_join(c(1, 2, 3), "+")
pystr_join(list(c(1, 2, 3), c(4, 5, 6)), ", ")
```

pystr_ljust *Left justify a string.*

Description

Return `str` left justified in a string of length `width`. Padding is done using the specified `fillchar` (default is an ASCII space). The original string is returned if `width` is less than or equal to `nchar(str)`.

Usage

```
pystr_ljust(str, width, fillchar = " ")
```

Arguments

| | |
|----------|---------------------|
| str | A character vector. |
| width | An integer. |
| fillchar | A character string. |

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.ljust>

See Also

[pystr_rjust](#)

Examples

```
pystr_ljust("left", 10)
pystr_ljust("left", 10, "*")
```

| | |
|-------------|----------------------------|
| pystr_lower | <i>Lowercase a string.</i> |
|-------------|----------------------------|

Description

Return a copy of the string with all the cased characters converted to lowercase.

Usage

```
pystr_lower(str)
```

Arguments

| | |
|-----|---------------------|
| str | A character vector. |
|-----|---------------------|

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.lower>

See Also

[pystr_upper](#)

Examples

```
pystr_lower("LOWERCASE ME!")
```

| | |
|--------------|-----------------------------|
| pystr_lstrip | <i>Left strip a string.</i> |
|--------------|-----------------------------|

Description

Return a copy of the string with leading characters removed.

Usage

```
pystr_lstrip(str, chars = " ")
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| chars | A character string. |

Details

The chars argument is a string specifying the set of characters to be removed. If omitted, the chars argument defaults to removing whitespace. The chars argument is not a prefix; rather, all combinations of its values are stripped.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.lstrip>

See Also

[pystr_rstrip](#)

Examples

```
pystr_lstrip("  spacious  ")  
pystr_lstrip("www.example.com", "w.")
```

| | |
|-----------------|--------------------------------|
| pystr_maketrans | <i>Create a character map.</i> |
|-----------------|--------------------------------|

Description

Create a list of character mappings usable for [pystr_translate](#).

Usage

```
pystr_maketrans(x, y)
```

Arguments

| | |
|---|-----------|
| x | A string. |
| y | A string. |

Details

The two arguments must be strings of equal length, and in the resulting dictionary, each character in x will be mapped to the character at the same position in y.

Value

A list of character mappings for use in [pystr_translate](#).

References

<https://docs.python.org/3/library/stdtypes.html#str.maketrans>

See Also

[pystr_translate](#)

Examples

```
map = pystr_maketrans("abc", "123")
pystr_translate("a blue cat", map)
```

pystr_partition *Partition a string.*

Description

Split the string at the first occurrence of sep, and return a list of character vectors containing the part before the separator, the separator itself, and the part after the separator.

Usage

```
pystr_partition(str, sep)
```

Arguments

str A character vector.
sep A character string.

Details

If the separator is not found, return a character vector containing the string itself, followed by two empty strings.

Value

A list of character vectors.

References

<https://docs.python.org/3/library/stdtypes.html#str.partition>

See Also

[pystr_rpartition](#)

Examples

```
pystr_partition("onetwothreeonetwothree", "two")
```

| | |
|---------------|--|
| pystr_replace | <i>Replace substrings within a string.</i> |
|---------------|--|

Description

Return a copy of the string with all occurrences of substring old replaced by new.

Usage

```
pystr_replace(str, old, new, count = nchar(str) + 2)
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| old | A character vector. |
| new | A character vector. |
| count | A numeric vector. |

Details

If the optional argument count is given, only the first count occurrences are replaced.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.replace>

Examples

```
pystr_replace("123123123", "2", "two")  
pystr_replace("123123123", "2", "two", 2)
```

| | |
|-------------|---|
| pystr_rfind | <i>Find the highest index of a substring.</i> |
|-------------|---|

Description

Return the highest index in the string where substring sub is found, such that sub is contained in the slice substr(str, start, end).

Usage

```
pystr_rfind(str, sub, start = 1, end = nchar(str))
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| sub | A character vector. |
| start | A numeric vector. |
| end | A numeric vector. |

Value

A numeric vector. -1 indicates sub was not found.

References

<https://docs.python.org/3/library/stdtypes.html#str.rfind>

See Also

[pystr_find](#)

Examples

```
pystr_rfind("abcdxyzabc", "abc")  
pystr_rfind("abc", "xy")  
pystr_rfind("abcdxyzabc", "abc", 4)
```

| | |
|--------------|---|
| pystr_rindex | <i>Find the highest index of a substring.</i> |
|--------------|---|

Description

Like `pystr_rfind` but raises an error if sub is not found.

Usage

```
pystr_rindex(str, sub, start = 1, end = nchar(str))
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| sub | A character vector. |
| start | A numeric vector. |
| end | A numeric vector. |

Value

A numeric vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.rindex>

See Also

[pystr_index](#)

Examples

```
pystr_rindex("abcxyzabc", "abc")
pystr_rindex("12121212", "12", 4, 6)
## Not run:
pystr_rindex("abcxyzabc", "123")

## End(Not run)
```

| | |
|-------------|--------------------------------|
| pystr_rjust | <i>Right justify a string.</i> |
|-------------|--------------------------------|

Description

Return `str` right justified in a string of length `width`. Padding is done using the specified `fillchar` (default is an ASCII space). The original string is returned if `width` is less than or equal to `nchar(str)`.

Usage

```
pystr_rjust(str, width, fillchar = " ")
```

Arguments

| | |
|-----------------------|---------------------|
| <code>str</code> | A character vector. |
| <code>width</code> | An integer. |
| <code>fillchar</code> | A character string. |

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.rjust>

See Also

[pystr_ljust](#)

Examples

```
pystr_rjust("right", 10)
pystr_rjust("right", 10, "*")
```

| | |
|------------------|---|
| pystr_rpartition | <i>Partition a string from the right.</i> |
|------------------|---|

Description

Split the string at the last occurrence of sep, and return a list of character vectors containing the part before the separator, the separator itself, and the part after the separator.

Usage

```
pystr_rpartition(str, sep)
```

Arguments

| | |
|-----|---------------------|
| str | A character vector. |
| sep | A character string. |

Details

If the separator is not found, return a character vector containing two empty strings, followed by the string itself.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.rpartition>

See Also

[pystr_partition](#)

Examples

```
pystr_rpartition("onetwothreeonetwothree", "two")
```

pystr_rspl^{it} *Right split a string.*

Description

Return a list of character vectors of the words in the string, using sep as the delimiter string.

Usage

```
pystr_rsplit(str, sep = " ", maxsplit = nchar(str) - 1)
```

Arguments

| | |
|----------|---------------------|
| str | A character vector. |
| sep | A character string. |
| maxsplit | A numeric vector. |

Details

If maxsplit is given, at most maxsplit splits are done, the rightmost ones. If sep is not specified, any whitespace string is a separator. Except for splitting from the right, pystr_rspl^{it} behaves like [pystr_split](#).

Value

A list of character vectors.

References

<https://docs.python.org/3/library/stdtypes.html#str.rspl^{it}>

See Also

[pystr_split](#)

Examples

```
pystr_rsplit("a--b--c", "--")  
pystr_rsplit("a--b--c", "--", 1)
```

| | |
|--------------|------------------------------|
| pystr_rstrip | <i>Right strip a string.</i> |
|--------------|------------------------------|

Description

Return a copy of the string with trailing characters removed.

Usage

```
pystr_rstrip(str, chars = " ")
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| chars | A character string. |

Details

The chars argument is a string specifying the set of characters to be removed. If omitted, the chars argument defaults to removing whitespace. The chars argument is not a suffix; rather, all combinations of its values are stripped.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.rstrip>

See Also

[pystr_lstrip](#)

Examples

```
pystr_rstrip("  spacious  ")
pystr_rstrip("www.example.com", ".omc")
```

| | |
|-------------|------------------------|
| pystr_split | <i>Split a string.</i> |
|-------------|------------------------|

Description

Return a list of character vectors of the words in the string, using sep as the delimiter string.

Usage

```
pystr_split(str, sep = " ", maxsplit = nchar(str) - 1)
```

Arguments

| | |
|----------|---------------------|
| str | A character vector. |
| sep | A character string. |
| maxsplit | A numeric integer. |

Details

If maxsplit is given, at most maxsplit splits are done (thus, the character vector will have at most maxsplit + 1 elements). If maxsplit is not specified, then there is no limit on the number of splits (all possible splits are made). If sep is given, consecutive delimiters are not grouped together and are deemed to delimit empty strings. The sep argument may consist of multiple characters. If sep is not specified, any whitespace string is a separator. Splitting an empty string returns an empty string.

Value

A list of character vectors.

References

<https://docs.python.org/3/library/stdtypes.html#str.split>

See Also

[pystr_join](#), [pystr_rsplint](#)

Examples

```
pystr_split("www.example.com", ".")
pystr_split("123123123", "2", 2)
pystr_split("1,,2,3", ",")
pystr_split("a--b--c", "--")
```

pystr_splitlines *Split a string at linebreaks.*

Description

Return a list of the lines in the string, breaking at line boundaries.

Usage

```
pystr_splitlines(str, keepends = FALSE)
```

Arguments

str A character vector.
keepends A logical vector.

Details

Line breaks are not included in the resulting list unless keepends is TRUE. Line breaks include "\n", "\r", and "\r\n".

Value

A list of character vectors.

References

<https://docs.python.org/3/library/stdtypes.html#str.splitlines>

See Also

[pystr_split](#)

Examples

```
pystr_splitlines("First\nSecond\rThird\r\n")  
pystr_splitlines("First\nSecond\rThird\r\n", TRUE)
```

pystr_startswith *Check the prefix of a string.*

Description

Return TRUE if the string `str` starts with the specified prefix, otherwise return FALSE.

Usage

```
pystr_startswith(str, prefix, start = 1, end = nchar(str))
```

Arguments

| | |
|---------------------|---------------------|
| <code>str</code> | A character vector. |
| <code>prefix</code> | A character vector. |
| <code>start</code> | A numeric vector. |
| <code>end</code> | A numeric vector. |

Details

With optional `start`, test string beginning at that position. With optional `end`, stop comparing string at that position.

Value

A logical vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.startswith>

See Also

[pystr_endswith](#)

Examples

```
pystr_startswith("www.example.com", "www.")  
pystr_startswith("example.com", "www.")  
pystr_startswith("www.example.com", "example", 5)
```

| | |
|-------------|------------------------|
| pystr_strip | <i>Strip a string.</i> |
|-------------|------------------------|

Description

Return a copy of the string with the leading and trailing characters removed.

Usage

```
pystr_strip(str, chars = " ")
```

Arguments

| | |
|-------|---------------------|
| str | A character vector. |
| chars | A character string. |

Details

The chars argument is a string specifying the set of characters to be removed. If omitted, the chars argument defaults to removing whitespace. The chars argument is not a prefix or suffix; rather, all combinations of its values are stripped.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.strip>

See Also

[pystr_lstrip](#), [pystr_rstrip](#)

Examples

```
pystr_strip("  very spacious ")  
pystr_strip("www.example.com", "cmowz.")
```

| | |
|----------------|-----------------------------------|
| pystr_swapcase | <i>Swap the case of a string.</i> |
|----------------|-----------------------------------|

Description

Return a copy of the string with uppercase characters converted to lowercase and vice versa.

Usage

```
pystr_swapcase(str)
```

Arguments

| | |
|-----|-----------|
| str | A string. |
|-----|-----------|

Value

A string.

References

<https://docs.python.org/3/library/stdtypes.html#str.swapcase>

Examples

```
pystr_swapcase("Swap Me!")
```

| | |
|-------------|----------------------------|
| pystr_title | <i>Titlecase a string.</i> |
|-------------|----------------------------|

Description

Return a titlecased version of the string where words start with an uppercase character and the remaining characters are lowercase.

Usage

```
pystr_title(str)
```

Arguments

| | |
|-----|---------------------|
| str | A character vector. |
|-----|---------------------|

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.title>

Examples

```
pystr_title("make me pretty!")
```

| | |
|-----------------|----------------------------|
| pystr_translate | <i>Translate a string.</i> |
|-----------------|----------------------------|

Description

Return a copy of `str` where all characters have been mapped through `map`, where `map` can be created with [pystr_maketrans](#).

Usage

```
pystr_translate(str, map)
```

Arguments

| | |
|------------------|-------------------------------|
| <code>str</code> | A character vector. |
| <code>map</code> | A list of character mappings. |

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.translate>

See Also

[pystr_maketrans](#)

Examples

```
map = pystr_maketrans("abc", "123")
pystr_translate("a blue cat", map)
```

pystr_upper *Uppercase a string.*

Description

Return a copy of the string with all the cased characters converted to uppercase.

Usage

```
pystr_upper(str)
```

Arguments

str A character vector.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.upper>

See Also

[pystr_lower](#)

Examples

```
pystr_upper("uppercase me!")
```

pystr_zfill *Zero-pad a string.*

Description

Return a copy of the string left filled with ASCII '0' digits to make a string of length width.

Usage

```
pystr_zfill(str, width)
```

Arguments

str A character vector.

width An integer.

Details

A leading sign prefix (+/-) is handled by inserting the padding after the sign character rather than before. The original string is returned if width is less than or equal to `nchar(str)`.

Value

A character vector.

References

<https://docs.python.org/3/library/stdtypes.html#str.zfill>

Examples

```
pystr_zfill("42", 5)
pystr_zfill("-42", 5)
pystr_zfill("+42", 5)
```

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