

subinstr() — Substitute text

Description Diagnostics	Syntax Also see	Remarks and examples	Conformability
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Description

`subinstr(s, old, new)` returns *s* with all occurrences of *old* changed to *new*.

`subinstr(s, old, new, cnt)` returns *s* with the first *cnt* occurrences of *old* changed to *new*. All occurrences are changed if *cnt* contains missing.

`subinword(s, old, new)` returns *s* with all occurrences of *old* on word boundaries changed to *new*.

`subinword(s, old, new, cnt)` returns *s* with the first *cnt* occurrences of *old* on word boundaries changed to *new*. All occurrences are changed if *cnt* contains missing.

When arguments are not scalar, these functions return element-by-element results.

Syntax

string matrix `subinstr(string matrix s, string matrix old, string matrix new)`

string matrix `subinstr(string matrix s, string matrix old, string matrix new,
real matrix cnt)`

string matrix `subinword(string matrix s, string matrix old, string matrix new)`

string matrix `subinword(string matrix s, string matrix old, string matrix new,
real matrix cnt)`

Remarks and examples

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`subinstr("th thin man", "th", "the")` returns “the thin man”.

`subinword("th thin man", "th", "the")` returns “the thin man”.

See [M-5] [usubinstr\(\)](#) if your string contains Unicode characters.

Conformability

`subinstr(s, old, new, cnt)`, `subinword(s, old, new, cnt)`:

<i>s</i> :	$r_1 \times c_1$
<i>old</i> :	$r_2 \times c_2$
<i>new</i> :	$r_3 \times c_3$
<i>cnt</i> :	$r_4 \times c_4$ (optional); <i>s</i> , <i>old</i> , <i>new</i> , <i>cnt</i> r-conformable
<i>result</i> :	$\max(r_1, r_2, r_3, r_4) \times \max(c_1, c_2, c_3, c_4)$

Diagnostics

`substr(s, old, new, cnt)` and `subinword(s, old, new, cnt)` treat $cnt < 0$ as if $cnt = 0$ was specified; the original string *s* is returned.

Also see

[M-5] **substr()** — Extract substring

[M-5] **_substr()** — Substitute into string

[M-5] **usubinstr()** — Replace Unicode substring

[M-5] **usubstr()** — Extract Unicode substring

[M-5] **_usubstr()** — Substitute into Unicode string

[M-4] **string** — String manipulation functions

[U] **12.4.2 Handling Unicode strings**