

Description

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

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

string matrix `substr(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

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

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

See [M-5] `usubstr()` if your string contains Unicode characters.

Conformability

`substr(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**

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