Substitute text

Syntax Description Remarks and examples Conformability

Syntax

```plaintext
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)
```

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.

Remarks and examples

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

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

Conformability

```
s: r_1 \times c_1
old: r_2 \times c_2
new: r_3 \times c_3
cnt: r_4 \times c_4 \text{ (optional)}
result: \text{max}(r_1,r_2,r_3,r_4) \times \text{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-4] **string** — String manipulation functions