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

\[
\text{string matrix} \quad \text{subinstr(string matrix s, string matrix old, string matrix new)}
\]

\[
\text{string matrix} \quad \text{subinstr(string matrix s, string matrix old, string matrix new, real matrix cnt)}
\]

\[
\text{string matrix} \quad \text{subinword(string matrix s, string matrix old, string matrix new)}
\]

\[
\text{string matrix} \quad \text{subinword(string matrix s, string matrix old, string matrix new, real matrix cnt)}
\]

Remarks and examples

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

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

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

Conformability

\[
\text{subinstr(s, old, new, cnt), subinword(s, old, new, cnt)}:
\]

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

`subinstr(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