subinstr() — Replace Unicode substring

Description

subinstr(s, old, new, cnt) replaces the first cnt occurrences of the Unicode string old with the Unicode string new in s. If cnt is missing, all occurrences are replaced.

When arguments are not scalar, this function returns element-by-element results.

Syntax

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

Remarks and examples

An invalid UTF-8 sequence in s, old, or new is replaced with the Unicode replacement character \ufffd before replacement is performed.

Use subinstr() if your string does not contain Unicode characters or if you want to replace the substring based on bytes.

Conformability

subinstr(s, old, new, cnt):

    s:     r × c
    old:   r × c or 1 × 1
    new:   r × c or 1 × 1
    cnt:   r × c or 1 × 1
    result: r × c

Diagnostics

subinstr(s, old, new, cnt) returns an empty string if an error occurs.
Also see

[M-5] `subinstr()` — Substitute text

[M-5] `substr()` — Extract substring

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

[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