

## Description

`_ustr(s, tosub, pos)` substitutes *tosub* into *s* at Unicode character position *pos*. The first Unicode character position of *s* is *pos* = 1. `_ustr()` may be used with text or binary strings.

Do not confuse `_ustr()` with `ustr()`, which extracts Unicode substrings; see [M-5] [ustr\(\)](#).

## Syntax

*void* `_ustr(string scalar s, string scalar tosub, real scalar pos)`

## Remarks and examples

If *s* contains “café”, then `_ustr(s, “fe”, 3)` changes *s* to contain “cafe”.

Invalid UTF-8 sequences in both *s* and *tosub* are replaced with the Unicode replacement character `\ufffd` before substitution.

## Conformability

`_ustr(s, tosub, pos)`:

*input*:

<i>s</i> :	1 × 1
<i>tosub</i> :	1 × 1
<i>pos</i> :	1 × 1

*output*:

<i>s</i> :	1 × 1
------------	-------

## Diagnostics

`_ustr(s, tosub, pos)` does nothing if *tosub*==“”.

`_ustr()` aborts with an error message if substituting *tosub* into *s* would result in a string longer than the original *s* in Unicode characters. `_ustr()` also aborts with an error message if *pos* ≤ 0 or *pos* ≥ . unless *tosub*==“”.

`_ustr(s, tosub, pos)` aborts with an error if *s* or *tosub* are views.

## Also see

[M-5] [substr\(\)](#) — Substitute text

[M-5] [strsub\(\)](#) — Extract substring

[M-5] [\\_ustr\(\)](#) — Substitute into string

[M-5] [ustrsub\(\)](#) — Replace Unicode substring

[M-5] [ustrsubr\(\)](#) — Extract Unicode substring

[M-4] [String](#) — String manipulation functions

[U] [12.4.2 Handling Unicode strings](#)

Stata, Stata Press, Mata, NetCourse, and NetCourseNow are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow is a trademark of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2025 StataCorp LLC, College Station, TX, USA. All rights reserved.



For suggested citations, see the FAQ on [citing Stata documentation](#).