# Title

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**_substr( ) —** Substitute into string



## Description

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

Do not confuse `_substr()` with `substr()`, which extracts substrings; see [M-5] **substr( )**.

## Syntax

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

## Remarks and examples

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If *s* contains "abcdef", then `_substr(`*s*`, "XY", 2)` changes *s* to contain "`aXYdef`".

## Conformability

`_substr(`*s*`,` *tosub*`,` *pos*`)`:

| | | |
|---|---|---|
| *input*: | | |
| | *s*: | 1 × 1 |
| | *tosub*: | 1 × 1 |
| | *pos*: | 1 × 1 |
| *output*: | | |
| | *s*: | 1 × 1 |

## Diagnostics

`_substr(`*s*`,` *tosub*`,` *pos*`)` does nothing if *tosub*`==""`.

`_substr(`*s*`,` *tosub*`,` *pos*`)` may not be used to extend *s*: `_substr()` aborts with error if substituting *tosub* into *s* would result in a string longer than the original *s*. `_substr()` also aborts with error if *pos* $\leq 0$ or *pos* $\geq$ `.` unless *tosub* is `""`.

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

## Also see

[M-5] **subinstr( )** — Substitute text

[M-5] **substr( )** — Extract substring

[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**