

## Description

`editvalue(A, from, to)` returns  $A$  with all elements equal to *from* changed to *to*.

`_editvalue(A, from, to)` does the same thing but modifies  $A$  itself.

## Syntax

*matrix*    `editvalue(matrix A, scalar from, scalar to)`

*void*    `_editvalue(matrix A, scalar from, scalar to)`

where  $A$ , *from*, and *to* may be real, complex, or string.

## Remarks and examples

`editvalue()` and `_editvalue()` are fast.

If you wish to change missing values to nonmissing values, it is better to use [M-5] `editmissing()`.

`editvalue(A, ., 1)` would change all `.` missing values to 1 but leave `.a`, `.b`, `...`, `.z` unchanged.

`editmissing(A, 1)` would change all missing values to 1.

## Conformability

`editvalue(A, from, to):`

<i>A</i> :	$r \times c$
<i>from</i> :	$1 \times 1$
<i>to</i> :	$1 \times 1$
<i>result</i> :	$r \times c$

`_editvalue(A, from, to):`

*input:*

<i>A</i> :	$r \times c$
<i>from</i> :	$1 \times 1$
<i>to</i> :	$1 \times 1$

*output:*

<i>A</i> :	$r \times c$
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## Diagnostics

`editvalue(A, from, to)` returns a matrix of the same type as  $A$ .

`editvalue(A, from, to)` and `_editvalue(A, from, to)` abort with error if *from* and *to* are incompatible with  $A$ . That is, if  $A$  is real, *to* and *from* must be real. If  $A$  is complex, *to* and *from* must each be either real or complex. If  $A$  is string, *to* and *from* must be string.

`_editvalue(A, from, to)` aborts with error if  $A$  is a view.

## Also see

[M-5] [editmissing\(\)](#) — Edit matrix for missing values

[M-4] [Manipulation](#) — Matrix manipulation

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