

cat() — Load file into string matrix

Syntax Diagnostics	Description Also see	Remarks and examples	Conformability
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Syntax

string colvector `cat`(*string scalar filename* [, *real scalar line1* [, *real scalar line2*]])

Description

`cat(filename)` returns a column vector containing the lines from ASCII file *filename*.

`cat(filename, line1)` returns a column vector containing the lines from ASCII file *filename* starting with line number *line1*.

`cat(filename, line1, line2)` returns a column vector containing the lines from ASCII file *filename* starting with line number *line1* and ending with line number *line2*.

Remarks and examples

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`cat(filename)` removes new-line characters at the end of lines.

Conformability

`cat(filename, line1, line2)`:

<i>filename</i> :	1×1
<i>line1</i> :	1×1 (optional)
<i>line2</i> :	1×1 (optional)
<i>result</i> :	$r \times 1, r \geq 0$

Diagnostics

`cat(filename)` aborts with error if *filename* does not exist.

`cat()` returns a 0×1 result if *filename* contains 0 bytes.

Also see

[M-4] [io](#) — I/O functions