

Description

`invtokens(s)` returns the elements of s , concatenated into a string scalar with the elements separated by spaces. `invtokens(s)` is equivalent to `invtokens(s, " ")`.

`invtokens(s, c)` returns the elements of s , concatenated into a string scalar with the elements separated by c .

Syntax

string scalar `invtokens(string rowvector s)`

string scalar `invtokens(string rowvector s, string scalar c)`

Remarks and examples

`invtokens(s)` is the inverse of `tokens()` (see [M-5] [tokens\(\)](#)); `invtokens()` returns the string obtained by concatenating the elements of s into a space-separated list.

`invtokens(s, c)` places c between the elements of s even when the elements of s are equal to "". For instance,

```
: s = ("alpha", "", "gamma", "")
: invtokens(s, ";")
alpha;;gamma;
```

To remove separators between empty elements, use `select()` (see [M-5] [select\(\)](#)) to remove the empty elements from s beforehand:

```
: s2 = select(s, strlen(s):>0)
: s2
      1      2
1 | alpha  gamma
```

```
: invtokens(s2, ";")
alpha;gamma
```

Conformability

`invtokens(s, c):`

| | | |
|-----------------|--------------|------------|
| s : | $1 \times p$ | |
| c : | 1×1 | (optional) |
| <i>result</i> : | 1×1 | |

Diagnostics

If s is 1×0 , `invtokens(s,c)` returns "".

Also see

[M-5] `tokenget()` — Advanced parsing

[M-5] `tokens()` — Obtain tokens from string

[M-5] `ustrword()` — Obtain Unicode word from Unicode string

[M-4] `String` — String manipulation functions

[P] `gettoken` — Low-level parsing

[P] `tokenize` — Divide strings into tokens

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