

callersversion() — Obtain version number of caller

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Description

`callersversion()` returns the version set by the caller (see [M-2] [version](#)), or if the caller did not set the version, it returns the version of Stata under which the caller was compiled.

Syntax

real scalar `callersversion()`

Remarks and examples

stata.com

`callersversion()` is how [M-2] [version](#) is made to work. Say that you have written function

real matrix `useful(real matrix A, real scalar k)`

and assume that `useful()` aborts with error if *A* is void. You wrote `useful()` in the days of Stata 16. For Stata 17, you want to change `useful()` so that it returns `J(0,0,.)` if *A* is void, but you want to maintain the current behavior for old Stata 16 callers and programs. You do that as follows:

```
real matrix useful(real matrix A, real scalar k)
{
    ...
    if (callersversion())>=17) {
        if (rows(A)==0 | cols(A)==0) return(J(0,0,.))
    }
    ...
}
```

Conformability

`callersversion()`:

result: 1×1

Diagnostics

None.

Also see

[M-2] [version](#) — Version control

[M-4] [Programming](#) — Programming functions