callersversion() — Obtain version number of caller

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

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 15. For Stata 16, 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 15 callers and programs. You do that as follows:

    real matrix useful(real matrix A, real scalar k)
    {
        ...  
        if (callersversion()>=16) {
            if (rows(A)==0 | cols(A)==0) return(J(0,0,.))
        }
        ...  
    }

Conformability

    callersversion():  
    result: \[ 1 \times 1 \]

Diagnostics

None.
Also see

[M-2] version — Version control

[M-4] Programming — Programming functions