Syntax

\textit{real scalar} \quad \text{callersversion()}

Description

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

Remarks and examples

\texttt{callersversion()} is how \texttt{[M-2 version]} is made to work. Say that you have written function

\texttt{real matrix useful(real matrix A, real scalar k)}

and assume that \texttt{useful()} aborts with error if \texttt{A} is void. You wrote \texttt{useful()} in the days of Stata 12. For Stata 13, you want to change \texttt{useful()} so that it returns \texttt{J(0,0,.)} if \texttt{A} is void, but you want to maintain the current behavior for old Stata 12 callers and programs. You do that as follows:

\begin{verbatim}
real matrix useful(real matrix A, real scalar k)
{
    . . .
    if (callersversion()>=13) {
        if (rows(A)==0 | cols(A)==0) return(J(0,0,.))
    }
    . . .
}
\end{verbatim}

Conformability

\texttt{callersversion()}:  
\texttt{result: 1 x 1}

Diagnostics

None.
Also see

[M-2] version — Version control

[M-4] programming — Programming functions