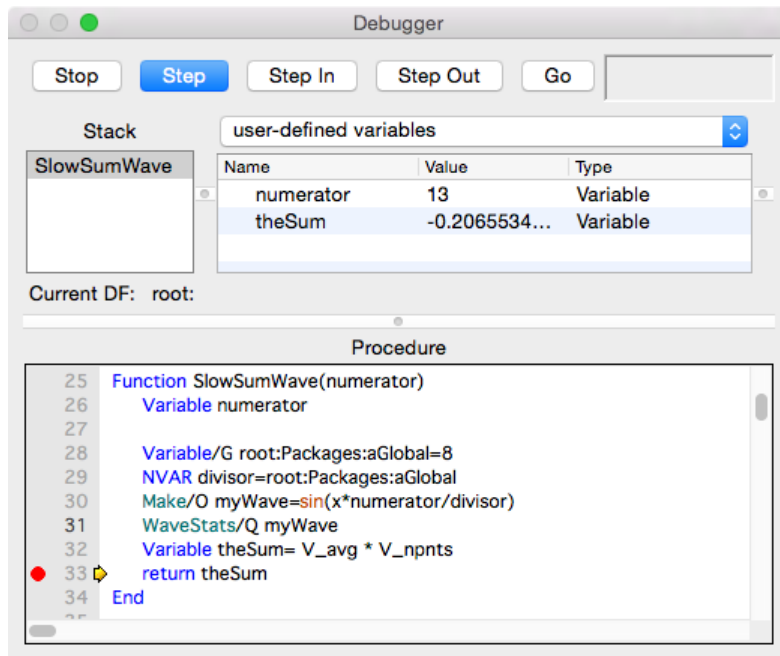## Function Variables

The SlowSumWaveFunction example below illustrates how different kinds of variables in functions are classified:

User-defined variables in functions include all items passed as parameters (numerator in this example) and any local strings and variables.

Local variables exist while a procedure is running, and cease to exist when the procedure returns; they never exist in a data folder like globals do.

NVAR, SVAR, WAVE, Variable/G and String/G references point to global variables, and therefore, aren't listed as user-defined (local) variables.

Use "Igor-created variables" to show local variables that Igor creates for functions when they call an operation or function that returns results in specially-named variables. The **WaveStats** operation (see page V-1082), for example, defines V_adev, V_avg, and other variables to contain the statistics results: