

**programming** — Programming functions

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## Contents

[M-5] Manual entry	Function	Purpose
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Argument and caller-preference processing</div>		
<b>args()</b>	args()	number of arguments
<b>isfleeting()</b>	isfleeting()	whether argument is temporary
<b>callersversion()</b>	callersversion()	obtain version number of caller
<b>favorspeed()</b>	favorspeed()	whether speed or space is to be favored
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Advanced parsing</div>		
<b>tokenget()</b>	tokeninit() tokeninitstata() tokenset() tokengetall() tokenget() tokenpeek() tokenrest() tokenoffset() tokenwchars() tokenpchars() tokenqchars() tokenallownum() tokenallowhex()	initialize parsing environment initialize environment as Stata would set/reset string to be parsed parse entire string parse next element of string peek at next tokenget() result return yet-to-be-parsed portion query/reset offset in string query/reset white-space characters query/reset parsing characters query/reset quote characters query/reset number parsing query/reset hex-number parsing
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Accessing externals</div>		
<b>findexternal()</b>	findexternal() crexternal() rmexternal() nameexternal()	find global create global remove global name of external
<b>direxternal()</b>	direxternal()	obtain list of existing globals
<b>valofexternal()</b>	valofexternal()	obtain value of global

### Break key

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<b>setbreakintr()</b>	<code>setbreakintr()</code> <code>querybreakintr()</code> <code>breakkey()</code> <code>breakkeyreset()</code>	turn off/on break-key interrupt whether break-key interrupt is off/on whether break key has been pressed reset break key
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### Associative arrays

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<b>asarray()</b>	<code>asarray()</code> <code>asarray_*</code>	store or retrieve element in array utility routines
<b>hash1()</b>	<code>hash1()</code>	Jenkins' one-at-a-time hash

### Miscellaneous

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<b>assert()</b>	<code>assert()</code> <code>asserteq()</code>	abort execution if not true abort execution if not equal
<b>c()</b>	<code>c()</code>	access <code>c()</code> value
<b>sizeof()</b>	<code>sizeof()</code>	number of bytes consumed by object
<b>swap()</b>	<code>swap()</code>	interchange contents of variables

### System info

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<b>byteorder()</b>	<code>byteorder()</code>	byte order used by computer
<b>stataversion()</b>	<code>stataversion()</code> <code>statasetversion()</code>	version of Stata being used version of Stata set

### Exiting

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<b>exit()</b>	<code>exit()</code>	terminate execution
<b>error()</b>	<code>error()</code> <code>_error()</code>	issue standard Stata error message issue error message with traceback log

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## Also see

[M-4] [intro](#) — Index and guide to functions