

**query** — Display system parameters

[Description](#)[Syntax](#)[Remarks and examples](#)[Also see](#)

## Description

query displays the settings of various Stata parameters.

## Syntax

```
query [ memory | output | interface | graphics | efficiency | network |
      update | trace | mata | unicode | other ]
```

## Remarks and examples

[stata.com](#)

query provides more system information than you will ever want to know. You do not need to understand every line of output that query produces if all you need is one piece of information. Here is what happens when you type query:

```
. query
```

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```
Memory settings
set maxvar          5000      2048-32767; max. vars allowed
set matsize         400       10-11000; max. # vars in models
set niceness        5         0-10
set min_memory      0         0-1600g
set max_memory      .         32m-1600g or .
set segmentsize    32m       1m-32g
```

---

```
Output settings
set more            off
set rmsg            off
set dp              period    may be period or comma
set linesize       80         characters
set pagesize        28         lines

set level           95         percent confidence intervals
set clevel          95         percent credible intervals
```

---

```
set showbaselevels          may be empty, off, on, or all
set showemptycells          may be empty, off, or on
set showomitted             may be empty, off, or on
set fvlabel                  on
set fvwrap                   1
set fvwrapon                 word    may be word or width
set fvtrack                  term    may be term or factor
```

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```
set lstretch              may be empty, off, or on
```

---

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set cformat		may be empty or a numerical format
set pformat		may be empty or a numerical format
set sformat		may be empty or a numerical format
<hr/>		
set coeftabresults	on	
<hr/>		
set logtype	smcl	may be smcl or text
<hr/>		
Interface settings		
set dockable	on	
set dockingguides	on	
set floatwindows	off	
set locksplitters	off	
set pinnable	on	
set doublebuffer	on	
<hr/>		
set linegap	1	pixels
set scrollbufsize	200000	characters
set fastscroll	on	
set reventries	5000	lines
<hr/>		
set maxdb	50	dialog boxes
<hr/>		
Graphics settings		
set graphics	on	
set autotabgraphs	off	
set scheme	s2color	
set printcolor	automatic	may be automatic, asis, gs1, gs2, gs3
set copycolor	automatic	may be automatic, asis, gs1, gs2, gs3
<hr/>		
Efficiency settings		
set adosize	1000	kilobytes
<hr/>		
Network settings		
set checksum	off	
set timeout1	30	seconds
set timeout2	180	seconds
<hr/>		
set httpproxy	off	
set httpproxyhost		
set httpproxyport	80	
<hr/>		
set httpproxyauth	off	
set httpproxyuser		
set httpproxypw		
<hr/>		
Update settings		
set update_query	on	
set update_interval	7	
set update_prompt	on	
<hr/>		
Trace (programming debugging) settings		
set trace	off	
set tracedepth	32000	
set traceexpand	on	
set tracesep	on	
set traceindent	on	
set tracenumber	off	
set tracehilite		

---



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set lstretch		may be empty, off, or on
set cformat		may be empty or a numerical format
set pformat		may be empty or a numerical format
set sformat		may be empty or a numerical format
set coeftabresults	on	
set logtype	smcl	may be smcl or text
set notifyuser	on	
set playsnd	off	
set include_bitmap	on	
Interface settings		
set revkeyboard	on	
set varkeyboard	on	
set smoothfonts	on	
set linegap	1	pixels
set scrollbufsize	200000	characters
set reventries	5000	lines
set maxdb	50	dialog boxes
Graphics settings		
set graphics	on	
set scheme	s2color	
set printcolor	automatic	may be automatic, asis, gs1, gs2, gs3
set copycolor	automatic	may be automatic, asis, gs1, gs2, gs3
Efficiency settings		
set adosize	1000	kilobytes
Network settings		
set checksum	off	
set timeout1	30	seconds
set timeout2	180	seconds
set httpproxy	off	
set httpproxyhost		
set httpproxyport	80	
set httpproxyauth	off	
set httpproxyuser		
set httpproxypw		
Update settings		
set update_query	off	
set update_interval	7	
set update_prompt	on	
Trace (programming debugging) settings		
set trace	off	
set tracedepth	32000	
set traceexpand	on	
set tracesep	on	
set traceindent	on	
set tracenumber	off	
set tracehilite		

---

---

```
Mata settings
set matastrict   off
set matalnum     off
set mataoptimize on
set matafavor    space        may be space or speed
set matacache    2000        kilobytes
set matalibs     lmatbase;lmatapss;lmatapostest;lmetaerm;lmatapath;
> lmatagsem;lmataopt;lmatasem;lmataado;lmatafc;lmatasp;lmatamcmc;lmatamixlog
set matamofirst  off
```

---

```
Unicode
set locale_ui    en_US
set locale_functions en_US
```

---

```
Other settings
set type         float        may be float or double
set maxiter      16000       max iterations for estimation commands
set searchdefault all        may be local, net, or all
set rng          default      may be default, mt64, mt64s, or kiss32
set rngstate     XAA000000000000000000000000000000000000000000000000000...
set rngstream    1            rng stream number
set varabbrev    on
set emptycells   keep        may be keep or drop
set processors   1
set odbcmgr      iodbc       may be iodbc or unixodbc
set odbcdriver   unicode     may be unicode, ansi, or default
set fredkey
```

---

## Memory settings

Memory settings indicate how memory is allocated, the maximum number of variables, and the maximum size of a matrix.

For more information, see

```
maxvar [D] memory
matsize [R] matsize
niceness [D] memory
min_memory [D] memory
max_memory [D] memory
segmentsize [D] memory
```

## Output settings

Output settings show how Stata displays output on the screen and in log files.

For more information, see

```
more [R] more
rmmsg [P] rmmsg
dp [D] format
linesize [R] log
pagesize [R] more
level [R] level
clevel [BAYES] set clevel
showbaselevels [R] set showbaselevels
```

showemptycells	[R]	<b>set showbaselevels</b>
showomitted	[R]	<b>set showbaselevels</b>
fvlabel	[R]	<b>set showbaselevels</b>
fvwrap	[R]	<b>set showbaselevels</b>
fvwrapon	[R]	<b>set showbaselevels</b>
fvtrack	[R]	<b>set</b>
lstretch	[R]	<b>set</b>
cformat	[R]	<b>set cformat</b>
pformat	[R]	<b>set cformat</b>
sformat	[R]	<b>set cformat</b>
coeftabresults	[R]	<b>set</b>
logtype	[R]	<b>log</b>
notifyuser	[R]	<b>set</b>
playsnd	[R]	<b>set</b>
include_bitmap	[R]	<b>set</b>

### Interface settings

Interface settings control how Stata's interface works.

For more information, see

dockable	[R]	<b>set</b>
dockingguides	[R]	<b>set</b>
floatwindows	[R]	<b>set</b>
locksplitters	[R]	<b>set</b>
pinnable	[R]	<b>set</b>
doublebuffer	[R]	<b>set</b>
revkeyboard	[R]	<b>set</b>
varkeyboard	[R]	<b>set</b>
smoothfonts	[R]	<b>set</b>
linegap	[R]	<b>set</b>
scrollbufsize	[R]	<b>set</b>
fastscroll	[R]	<b>set</b>
reventries	[R]	<b>set</b>
maxdb	[R]	<b>db</b>

### Graphics settings

Graphics settings indicate how Stata's graphics are displayed.

For more information, see

graphics	[G-2]	<b>set graphics</b>
autotabgraphs	[R]	<b>set</b>
scheme	[G-2]	<b>set scheme</b>
printcolor	[G-2]	<b>set printcolor</b>
copycolor	[G-2]	<b>set printcolor</b>

## Efficiency settings

The efficiency settings set the maximum amount of memory allocated to automatically loaded do-files, the maximum number of remembered-contents dialog boxes, and the use of virtual memory.

For more information, see `adosize` in [P] [sysdir](#).

## Network settings

Network settings determine how Stata interacts with the Internet.

For more information, see [R] [netio](#).

## Update settings

Update settings determine how Stata performs updates.

For more information, see [R] [update](#).

## Trace settings

Trace settings adjust Stata's behavior and are particularly useful in debugging code.

For more information, see [P] [trace](#).

## Mata settings

Mata settings affect Mata's system parameters.

For more information, see [M-3] [mata set](#).

## Unicode settings

Unicode settings affect Stata's localization package for the user interface.

For more information, see [P] [set locale\\_ui](#) and [P] [set locale\\_functions](#).

## Other settings

The other settings are a miscellaneous collection.

For more information, see

type	[D] <a href="#">generate</a>
maxiter	[R] <a href="#">maximize</a>
searchdefault	[R] <a href="#">search</a>
rng	[R] <a href="#">set rng</a>
rngstate	[R] <a href="#">set seed</a>
rngstream	[R] <a href="#">set rngstream</a>
varabbrev	[R] <a href="#">set</a>
emptycells	[R] <a href="#">set</a>
processors	[R] <a href="#">set</a>
odbcmgr	[D] <a href="#">odbc</a>
odbcdriver	[D] <a href="#">odbc</a>
haverdir	[D] <a href="#">import haver</a>

In general, the parameters displayed by `query` can be changed by `set`; see [R] [set](#).

## Also see

[R] [set](#) — Overview of system parameters

[P] [creturn](#) — Return c-class values

[M-3] [mata set](#) — Set and display Mata system parameters