

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 | network | update |
      trace | mata | java | lapack | putdocx | putpdf | python | rng |
      sort | 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
```

```
Memory settings
set maxvar          5000          2048-120000; max. vars allowed
set niceness        5             0-10
set min_memory      0             0-1600g
set max_memory      .             32m-1600g or .
set segmentsize     32m           1m-32g
set adosize         1000          kilobytes
set max_preservemem 1g            0-1600g
```

```
Output settings
set more            off
set rmsg            off
set dp              period        may be period or comma
set linesize       80             characters
set pagesize        32            lines
```

```
set iterlog         on
```

```
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
```

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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

set coeftabresults	on	
set dots	on	

set logtype	smcl	may be smcl or text
set logmsg	on	

set collect_label	default	
set collect_style	default	
set table_style	table	
set etable_style	etable	
set dtable_style	dtable	
set collect_warn	on	

Interface settings

set dockable	on	
set floatwindows	off	
set locksplitters	off	
set pinnable	on	
set taskbargroups	on	
set doublebuffer	on	

set linegap	1	pixels
set scrollbarbufsize	204800	characters
set fastscroll	on	
set reventries	5000	lines

set maxdb	50	dialog boxes
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Graphics settings

set graphics	on	
set autotabgraphs	on	
set scheme	stcolor	
set printcolor	asis	may be automatic, asis, gs1, gs2, gs3
set copycolor	asis	may be automatic, asis, gs1, gs2, gs3

Network settings

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	

Other settings		
set type	float	may be float or double
set maxiter	300	max iterations for estimation commands
set searchdefault	all	may be local, net, or all
set varabbrev	on	
set emptycells	keep	may be keep or drop
set fvtrack	term	may be term or factor
set fvbase	on	
set processors	4	1-4
set kmp_blocktime	-1	time duration in milliseconds
set odbcdriver	unicode	may be unicode, ansi, or default
set haverdir		
set fredkey		
set collect_double	on	
set dtascomplevel	1	dtas default compression level; 0-9
set reshape_favor	default	may be default, memory, or speed
set doeditbackup	on	

The output is broken into several divisions: memory, output, interface, graphics, network, update, trace, Mata, Java, LAPACK, putdocx, putpdf, Python, RNG, sort, Unicode, and other settings. We will discuss each one in turn.

We generated the output above using Stata/MP for Windows. Here is what happens when we type query and we are running Stata/SE for Mac:

```
. query
```

Memory settings		
set maxvar	5000	2048-32767; max. vars allowed
set niceness	5	0-10
set min_memory	0	0-1600g
set max_memory	.	32m-1600g or .
set segmentsize	32m	1m-32g
set adosize	1000	kilobytes

Output settings		
set more	off	
set rmsg	off	
set dp	period	may be period or comma
set linesize	80	characters
set pagesize	23	lines

set iterlog	on	
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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 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 dots	on	

set logtype	smcl	may be smcl or text
set logmsg	on	

set collect_label	default	
set collect_style	default	
set table_style	table	
set etable_style	etable	
set dtable_style	dtable	
set collect_warn	on	

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	204800	characters
set reventries	5000	lines

set maxdb	50	dialog boxes
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Graphics settings

set graphics	on	
set scheme	stcolor	
set printcolor	asis	may be automatic, asis, gs1, gs2, gs3
set copycolor	asis	may be automatic, asis, gs1, gs2, gs3
set maxbezierpath	0	bezier path elements

Network settings

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	

Other settings		
set type	float	may be float or double
set maxiter	300	max iterations for estimation commands
set searchdefault	all	may be local, net, or all
set varabbrev	on	
set emptycells	keep	may be keep or drop
set fvtrack	term	may be term or factor
set fvbase	on	
set processors	1	
set odbcmgr	iodbc	may be iodbc or unixodbc
set odbcdriver	unicode	may be unicode, ansi, or default
set fredkey		
set collect_double	on	
set dtascomplevel	1	dtas default compression level; 0-9
set reshape_favor	default	may be default, memory, or speed
set doeditbackup	on	

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
niceness	[D] memory
min_memory	[D] memory
max_memory	[D] memory
segmentsize	[D] memory
adosize	[P] sysdir
max_preservemem	[P] preserve

Output settings

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

For more information, see

more	[R] more
rmsg	[P] rmsg
dp	[D] format
linesize	[R] log
pagesize	[R] more
iterlog	[R] <i>set iter</i>
level	[R] level
clevel	[BAYES] <i>set clevel</i>
showbaselevels	[R] <i>set showbaselevels</i>
showemptycells	[R] <i>set showbaselevels</i>
showomitted	[R] <i>set showbaselevels</i>
fvlable	[R] <i>set showbaselevels</i>
fvwrap	[R] <i>set showbaselevels</i>
fvwrapon	[R] <i>set showbaselevels</i>
lstretch	[R] set
cformat	[R] <i>set cformat</i>
pformat	[R] <i>set cformat</i>
sformat	[R] <i>set cformat</i>
coefstabresults	[R] set
dots	[R] set
logtype	[R] log
logmsg	[R] log
collect_label	[TABLES] <i>set collect_label</i>
collect_style	[TABLES] <i>set collect_style</i>
table_style	[TABLES] <i>set table_style</i>
etable_style	[TABLES] <i>set etable_style</i>
dtable_style	[TABLES] <i>set dtable_style</i>
collect_warn	[TABLES] <i>set collect_warn</i>
notifyuser	[R] set
playsnd	[R] set
include_bitmap	[R] set

Interface settings

Interface settings control how Stata's interface works.

For more information, see

dockable	[R]	set
floatwindows	[R]	set
locksplitters	[R]	set
pinnable	[R]	set
taskbargroups	[R]	set
doublebuffer	[R]	set
revkeyboard	[R]	set
varkeyboard	[R]	set
smoothfonts	[R]	set
linegap	[R]	set
scrollbufsize	[R]	set
fastscroll	[R]	set
reventries	[R]	set
maxdb	[R]	db

Graphics settings

Graphics settings indicate how Stata's graphics are displayed.

For more information, see

graphics	[G-2]	set graphics
autotabgraphs	[R]	set
scheme	[G-2]	set scheme
printcolor	[G-2]	set printcolor
copycolor	[G-2]	set printcolor
maxbezierpath	[R]	set

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](#).

Java settings

Java settings control the Java Runtime Environment.

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

LAPACK settings

LAPACK settings control the Intel MKL LAPACK routines.

For more information, see [M-1] [LAPACK](#).

putdocx settings

`putdocx` settings control how spacing is handled in blocks of text and the number of tables allowed.

For more information, see [RPT] [set docx](#) and [RPT] [putdocx table](#).

putpdf settings

`putpdf` settings control the number of tables allowed.

For more information, see [RPT] [putpdf table](#).

Python settings

Python settings control the version and search paths of Python.

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

RNG settings

The RNG settings set Stata's random-number generators.

For more information, see [R] [set rng](#), [R] [set seed](#) (`set rngstate`), and [R] [set rngstream](#).

sort settings

The sort settings affect `sort`, `gsort`, and other commands that use sorting as part of their computation.

For more information, see [P] [set sortmethod](#) and [P] [set sortrngstate](#).

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]	generate
maxiter	[R]	set iter
searchdefault	[R]	search
varabbrev	[R]	set
emptycells	[R]	set
fvtrack	[R]	set
fvbase	[R]	set
processors	[R]	set
kmp_blocktime	[R]	set
odbcmgr	[D]	odbc
odbcdriver	[D]	odbc
haverdir	[D]	import haver
fredkey	[D]	import fred
collect_double	[TABLES]	set collect_double
dtascomplevel	[R]	set
reshape_favor	[D]	reshape
doeditbackup	[R]	set

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

Also see

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

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

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

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