

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 | 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
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 collect_warn	on	
Interface settings		
set dockable	on	
set floatwindows	off	
set locksplitters	off	
set pinnable	on	
set doublebuffer	on	
set linegap	1	pixels
set scrollbufsize	204800	characters
set fastscroll	on	
set reventries	5000	lines
set maxdb	50	dialog boxes
Graphics settings		
set graphics	on	
set autotabgraphs	on	
set scheme	s2color	
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	
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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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	
-------------	----	--

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 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	s2color	
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	

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 mataalnum	off	
set mataoptimize	on	
set matafavor	space	may be space or speed
set matacache	2000	kilobytes
set matalibs	lmatatabase;lmatamcmc;lmatabma;lmatacollect;lmatatab;lm	
> atamixlog;lmatami;lmatasem;lmatagsem;lmatasp;lmatapss;lmatalasso;lmatapostest;		
> lmatapath;lmatameta;lmataopt;lmatasvy;lmatanumlib;lmetaado;lmetaerm;lmetafc		
set matamofirst	off	
set matasolvetol	.	may be . or any double precision number

Java settings		
set java_heapmax	4096m	
set java_home	/Users/Stata17/utilities/java/macosex-x64	
> /zulu-jdk11.0.14/		

LAPACK settings		
set lapack_mkl	on	
set lapack_mkl_cnr	default	

putdocx settings		
set docx_hardbreak	off	
set docx_paramode	off	

Python settings		
set python_exec	/usr/bin/python	
set python_userpath		

```

showbaselevels [R] set showbaselevels
showemptycells [R] set showbaselevels
  showomitted [R] set showbaselevels
    fvlabel [R] set showbaselevels
    fvwrap [R] set showbaselevels
    fvwrapon [R] set showbaselevels
  lstretch [R] set
    cformat [R] set cformat
    pformat [R] set cformat
    sformat [R] set cformat
coefstabresults [R] set
  dots [R] set
  logtype [R] log
  logmsg [R] log
collect_label [TABLES] set collect_label
collect_style [TABLES] set collect_style
  table_style [TABLES] set table_style
  etable_style [TABLES] set etable_style
  collect_warn [TABLES] set collect_warn
  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
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.

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

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
odbcmgr	[D] odbc
odbcdriver	[D] odbc
haverdir	[D] import haver
fredkey	[D] import fred
collect_double	[TABLES] set collect_double

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