type — Display contents of a file

Description

type lists the contents of a file stored on disk. This command is similar to the Windows type command and the Unix more(1) or pg(1) commands.

In Stata for Mac and Stata for Unix, cat is a synonym for type.

Quick start

Display contents of myfile.txt in the Results window
      type myfile.txt

As above, but display myfile.txt saved in \mydir\mysubdir using Stata for Windows
      type \mydir\mysubdir\myfile.txt

As above, but using Stata for Mac or Unix
      type ~/mydir/mysubdir/myfile.txt

Display contents of my file.txt
      type "my file.txt"

Display the first 20 lines of myfile.txt
      type myfile.txt, lines(20)

Syntax

> type ["] *filename* ["] [, *options*]

Note: Double quotes must be used to enclose *filename* if the name contains blanks.

options	Description
<u>as</u>is	show file as is; default is to display files with suffix .smcl or .sthlp as SMCL
smcl	display file as SMCL; default for files with suffix .smcl or .sthlp
<u>showt</u>abs	display tabs as <T> rather than being expanded
<u>star</u>bang	list lines in the file that begin with "∗!"
lines(#)	list first # lines

Options

asis specifies that the file be shown exactly as it is. The default is to display files with the suffix
.smcl or .sthlp as SMCL, meaning that the SMCL directives are interpreted and properly rendered.
Thus type can be used to look at files created by the log using command.

smcl specifies that the file be displayed as SMCL, meaning that the SMCL directives are interpreted
and properly rendered. This is the default for files with the suffix .smcl or .sthlp.

showtabs requests that any tabs be displayed as <T> rather than being expanded.

starbang lists only the lines in the specified file that begin with the characters "*!". Such comment
lines are typically used to indicate the version number of ado-files, class files, etc. starbang may
not be used with SMCL files.

lines(#) lists the first # lines of a file. lines() is ignored if the file is displayed as SMCL or if #
is less than or equal to 0.

Remarks and examples   stata.com

▷ Example 1

We have raw data containing the level of Lake Victoria Nyanza and the number of sunspots during
the years 1902–1921 stored in a file called sunspots.raw. We want to read this dataset into Stata
by using infile, but we cannot remember the order in which we entered the variables. We can find
out by using the type command:

```
. type sunspots.raw
1902 -10    5     1903  13 24     1904  18 42
1905  15   63     1906  29 54     1907  21 62
1908  10   49     1909   8 44     1910   1 19
1911  -7    6     1912 -11  4     1913  -3  1
1914  -2   10     1915   4 47     1916  15 57
1917  35  104     1918  27 81     1919   8 64
1920   3   38     1921  -5 25
```

Looking at this output, we now remember that the variables are entered year, level, and number of
sunspots. We can read this dataset by typing infile year level spots using sunspots.

If we wanted to see the tabs in sunspots.raw, we could type

```
. type sunspots.raw, showtabs
1902 -10    5<T>1903  13 24<T>1904  18 42
1905  15   63<T>1906  29 54<T>1907  21 62
1908  10   49<T>1909   8 44<T>1910   1 19
1911  -7    6<T>1912 -11  4<T>1913  -3  1
1914  -2   10<T>1915   4 47<T>1916  15 57
1917  35  104<T>1918  27 81<T>1919   8 64
1920   3   38<T>1921  -5 25
```

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▷ Example 2

In a previous Stata session, we typed `log using myres` and created `myres.smcl`, containing our results. We can use `type` to list the log:

```
. type myres.smcl
─────────────────────────────────────────────────────────────────────────────
      name:  <unnamed>
       log:  /work/peb/dof/myres.smcl
  log type:  smcl
 opened on:  20 Jan 2015, 15:37:48
. use lbw
(Hosmer & Lemeshow data)
. logistic low age lwt i.race smoke ptl ht ui
Logistic regression                             Number of obs    =         189
                                                LR chi2(8)       =       33.22
                                                Prob > chi2      =      0.0001
Log likelihood =   -100.724                     Pseudo R2        =      0.1416
  (output omitted )
. estat gof
Logistic model for low, goodness-of-fit test
  (output omitted )
. log close
      name:  <unnamed>
       log:  /work/peb/dof/myres.smcl
  log type:  smcl
 closed on:  20 Jan 2015, 15:38:30
─────────────────────────────────────────────────────────────────────────────
```

We could also use `view` to look at the log; see [R] **view**.

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Also see

[D] **cd** — Change directory

[D] **copy** — Copy file from disk or URL

[D] **dir** — Display filenames

[D] **erase** — Erase a disk file

[D] **mkdir** — Create directory

[D] **rmdir** — Remove directory

[D] **shell** — Temporarily invoke operating system

[P] **viewsource** — View source code

[R] **translate** — Print and translate logs

[R] **view** — View files and logs

[U] **11.6 Filenaming conventions**