Title

txt —— Prints string and values of scalar expressions or macros in dynamic docume
writes a text paragraph. The primary purpose of the command is writing dynam
results in the dynamic document. This command belongs to <u>Weaver</u> package, but
package. The syntax for both packages is similar, but the **txt** command behave
package is in use. If Weaver log is on, **txt** functions for Weaver package on
describes the **txt** command in Weaver package. For using the command in <u>MarkD</u>
<u>documentation on GitHub wiki</u>

Syntax

Prints dynamic text on the Weaver log or smcl log. The <u>**code**</u> subcommand prints th
document.

> **txt** [<u>**code**</u>] [*display_directive* [*display_directive* [*...*]]]

where the *display_directive* is

<u>Weaver Markup</u>
"*double-quoted string*"
`"*compound double-quoted string*"'
[%*<u>fmt</u>*] [**=**]*<u>exp</u>*
_skip(*#***)**
_<u>col</u>umn(*#***)**
_<u>newline</u>[**(***#***)**]
_<u>dup</u>(*#***)**
,
,,

Description

txt prints dynamic text i.e. strings and values of scalar expressions or macros
log-file. **txt** also prints output from the user-written Stata programs. Any of th
can be used to alter the string and scalar expressions. This command is to some
command in Stata. For example, it can be used to carry out a mathematical calcul
also supports many of the display directives as well.

Note that in contrast to the <u>display</u> command that prints the <u>scalar</u> unformatted,
default %**10.2f** format for displaying the scalar. This feature helps the users av
every scalar, due to popularity of this format. However, specifying the format e
default format. For example:

> . **scalar num = 10.123**
> . **txt "The value of the scalar is " %5.1f num**

The example above will print the scalar with only 1 decimal number. This feature
interpretation and does not affect the <u>macro</u> contents.

Display directives

The supported *display_directive*s are used in do-files and programs to produce fo...
are

Weaver Markup	A simplified markup language for annotating th...
"*double-quoted string*"	displays the string without the quotes
`` `"*compound double-quoted string*"' ``	display the string without the outer quotes; a...
[%*fmt*] [**=**] **exp**	allows results to be formatted; see **[U] 12.5 F**... **are displayed**.
_skip(#**)**	skips # columns
_column(#**)**	skips to the #th column
_newline	goes to a new line
_newline(#**)**	skips # lines
_dup(#**)**	repeats the next directive # times
,	displays one blank between two directives
,,	places no blanks between two directives

Mathematical notations

The **txt** command can be used for writing mathematical notations in Weaver package...
files. Writing mathematical notations in the HTML log is made possible by includ...
JavaScript-based engine for rendering LaTeX notations in HTML format. To do so, ...
"**\(**" and end with "**\)**" for rendering notations within the text and double dollar...
the "**\[**" and "**\]**" for rendering notations in a separate line. For more informati...
mathematical notations documentation.

When Weaver package is running, the **code** subcommand appends the dynamic text to ...

Examples

As a hand calculator:

```
. txt 2 * 2
```

As might be used in do-files and programs:

```
. sysuse auto
. summarize price
. txt "mean of Price variable is " r(mean) " and SD is " %9.3f r(sd)
```

If the text only includes string and macro, the double quotations can be ignored
interpret all of the *display_directives* and scalars as string (so it's not recomm

```
. local n 9.9
. txt Not recommended, but you may also print the value of `n' without doubl
```

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Weaver Homepage
Package Updates on Twitter

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