

# TextIO v1.02

Utility routines for writing to and reading from Text variables

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```
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12
Algebra Calc Other PrgmIO Clean Up Command View Execute Find...

■ txtwrite("Some text", "aaa", "w") Done
■ txtwrite("Some more text", "aaa", "a") Done
■ txtwrite("Greek & accented", "aaa", "a") Done
■ txtread("aaa")
 ("Some text" "Some more text" "Gree"

MAIN RAD AUTO 30 4/30 MAIN RAD AUTO 30
```

This is a set of two very simple little programs that write to and read from a text variable.

## Syntax:

- `TxtWrite(expression_or_string, "varname", "write_mode"[, str_format])`

If you wish to prevent evaluation or auto-simplification of the expression, input it as a string. To insert a newline, just input a blank string.

The writing mode can be:

"w" or "write" if you want to create a new text variable or overwrite an existing one  
"a" or "append" if you want to append to an existing text variable

str\_format should be:

0 (default) if strings should be written without quotation marks  
1 if quotation marks should be added.

- `TxtRead("varname")`

Do not try to read anything other than a Text variable. The maximum number of characters per line for `TxtRead` is 512.

## Example:

```
TxtWrite("Here is an expression", "test", "write")
TxtWrite(x^2+2, "test", "append")
TxtWrite("Let's try a string with quotes", "test", "append", 1)
```

Now the text variable "test" in the current folder will contain:

```
:Here is an expression
:x^2+2
:"Let's try a string with quotes"
:
```

### General comments:

- For the variable name, you can specify a variable in the current folder or you can give the full path. For TxtWrite, if the folder you specify does not exist, you will be prompted to create it.
- Any input errors (bad argument type, etc.) are shown in the status line.

### What's New:

TxtRead() function added to read from a text variable. It returns the entire content of the text variable as a list of strings.

### Disclaimer:

Although I have tried several inputs with this program before releasing it, I cannot guarantee that it will not hang or crash. If it does hang or crash, reset the calc:

[2nd][LOCK][ON] on the TI-92 Plus

[2nd][LEFT][RIGHT][ON] on the TI-89

If this doesn't reset the calculator, take out a battery, then press and hold [(-)][D] while you insert the battery. I am not responsible for any damage to your calculator.