

TextIO v1.02

Utility routines for writing to and reading from Text variables

Author: Bhuvanesh Bhatt (bbhatt1@towson.edu)

Last updated: September 23, 2001



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 [(-)][=] while you insert the battery. I am not responsible for any damage to your calculator.