

# MM Edit Plus

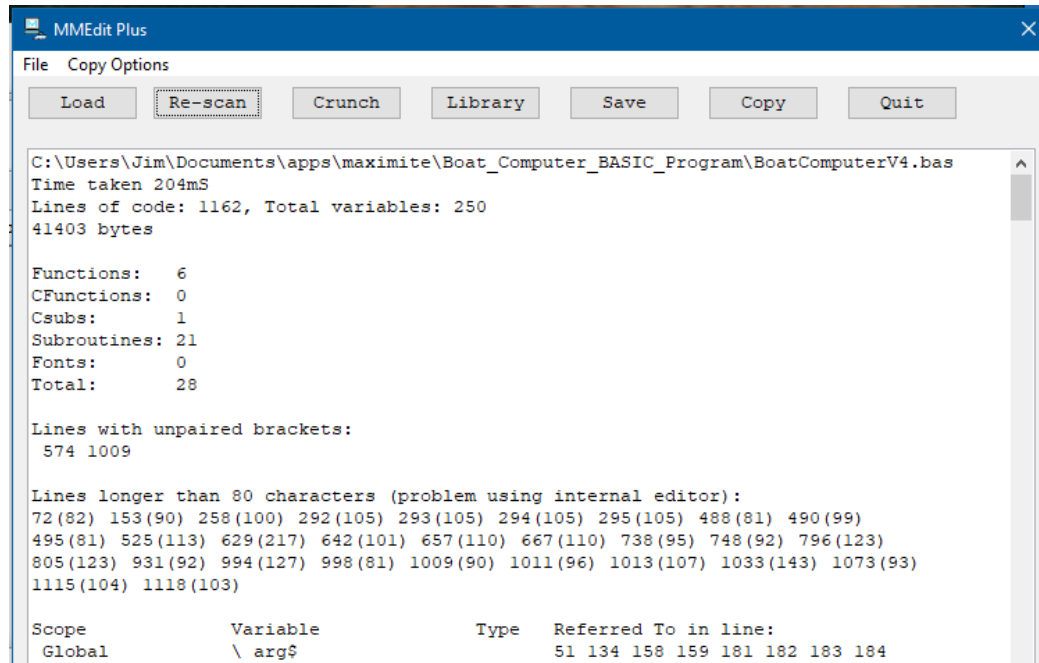
Produces a variable report for MMBasic files. It also optionally 'crunches' source code ready for loading onto your device using GFXterm or TeraTerm.

To install.

Unzip into any suitable folder. A configuration file is produced so the folder should be writable.

Once produced, the inf file can be edited to change the font size if desired.

Default size is 12.



To start:

Open a file,

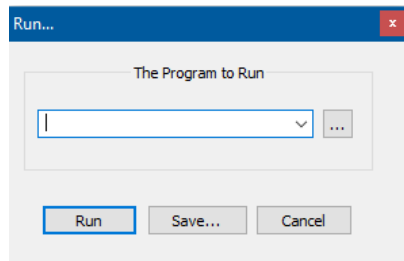
Drag and drop a file name onto the open window or shortcut.

Use a batch file

Use a user-defined 'RUN' command in Notepad++

To run from Notepad++

Go to Run/Run



Navigate to MMEditPlus.exe and add " \$(FULL\_CURRENT\_PATH)" after the end of the file name. Include a space and the quotes.

Your shortcuts.xml file should now have an entry similar to:  
<Command name="Variable Report" Ctrl="no" Alt="yes" Shift="no"  
Key="119">C:\apps\PBprojects\variableReport\MMEditPlus.exe  
&quot;\$(FULL\_CURRENT\_PATH)&quot;</Command>

I set alt-F8 as the shortcut key.

To send the current file to the variable report,

Save then Alt-F8

MMEditPlus can be open or shutdown. It will replace any existing report with one for the current file.

I haven't found a way to automate the save before run part (yet)

Buttons:

### **Load**

Loads a new BAS file

### **Re-scan**

Reloads the current file and re scans it. Useful if you have made changes to the file with another program.

### **Crunch**

Removes comments and blank lines for the source code and displays it in the text window ready for uploading. The original source is not altered.

### **Library**

Save the current list of functions to the Library list. The list is maintained between sessions. This prevents library functions from being listed as not declared.

### **Save**

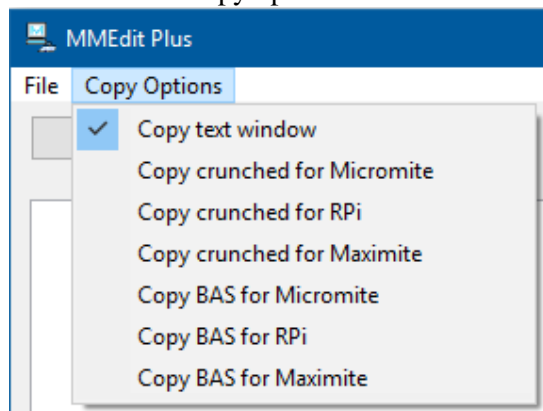
Saves the current report or crunched output to file.

### **Copy**

Copies the contents of the text window or the source code into the clipboard to 'paste' into TeraTerm or GFXterm.

The button uses the mode chosen from the copy options menu and is remembered between sessions.

Choices in the copy options menu are.



**Copy text window** copies the contents of the text window (either crunch or variable report) without any extra text.

**Copy crunched for micromite** adds AUTOSAVE to the beginning and ctrl-Z at the end to make pasting into a terminal program easier. This choice suits micromites and armites.

**Copy crunched for RPi** adds AUTO at the beginning and ctrl-C at the end.

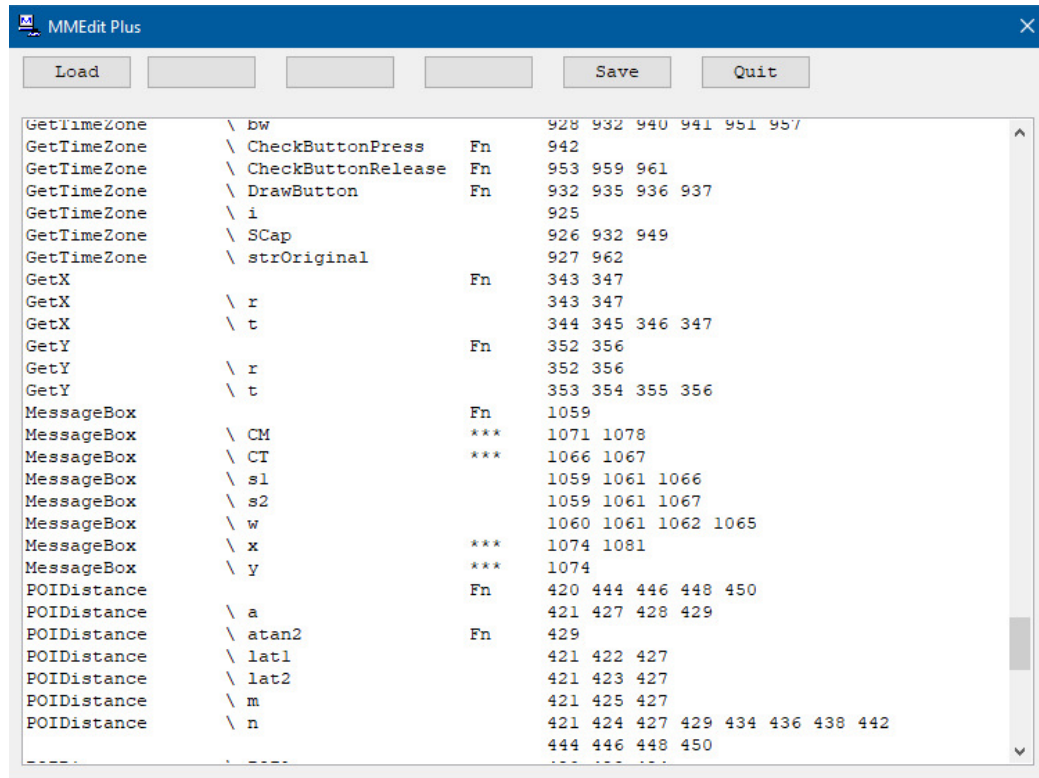
This is required for RPIs.

**Copy crunched for Maximite** adds AUTO at the beginning and ctrl\_Z at the end. This suits Maximites.

**Copy BAS...** does the same except uses the original source code instead of the crunched output. It is one way to get code from Notepad++ to your 'mite.

## Quit

Quits the program.



Report fields:

### Scope

Global refers to DIM or CONST variables declared in the main program

! refers to the main program but not declared in DIM or CONST

Function or Sub names

### Variable

The name of the variable

### Type

Fn if it is a call to a function or sub

Lbl for line labels

Lib for functions etc in library

\*\*\* for possible undeclared variables

Blank for declared variables, either global or declared as LOCAL or STATIC within the sub/function

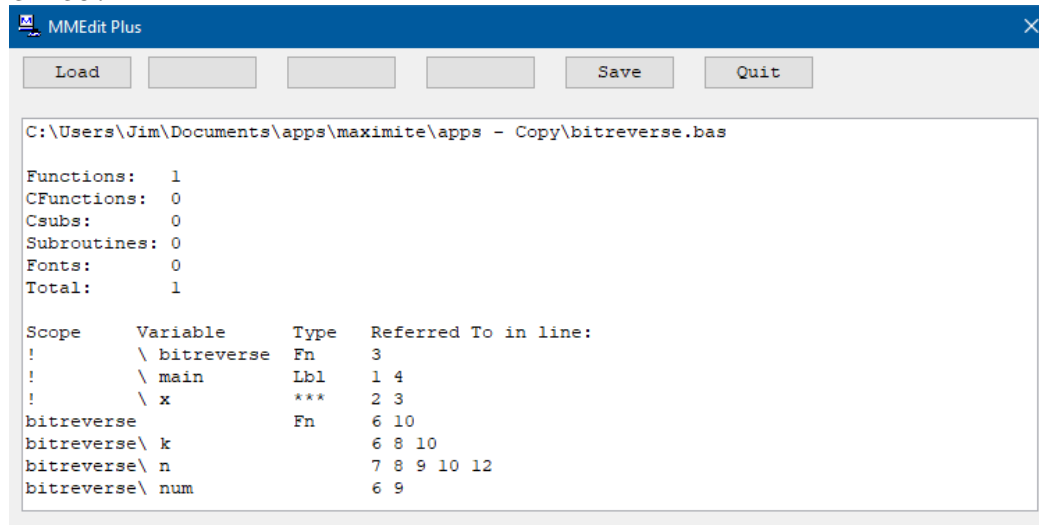
### Referred to in line

Lists all program lines the variable is referred to in.

This program

```
1 main:
2   INPUT x
3   PRINT bitreverse(x, 16)
4   GOTO main
5
6 FUNCTION bitreverse(num, k)
7   LOCAL n
8   FOR n = 1 TO k
9     IF (num AND 2^(n-1)) > 0 THEN
10      bitreverse =bitreverse+ 2^(k-n)
11    ENDIF
12  NEXT n
13 END FUNCTION
14
```

Gives:



Variable 'x' has not been declared.

Long lines which might make editing on the device are listed.

Any lines with unpaired brackets or quotes are also listed.