

MM Edit Plus

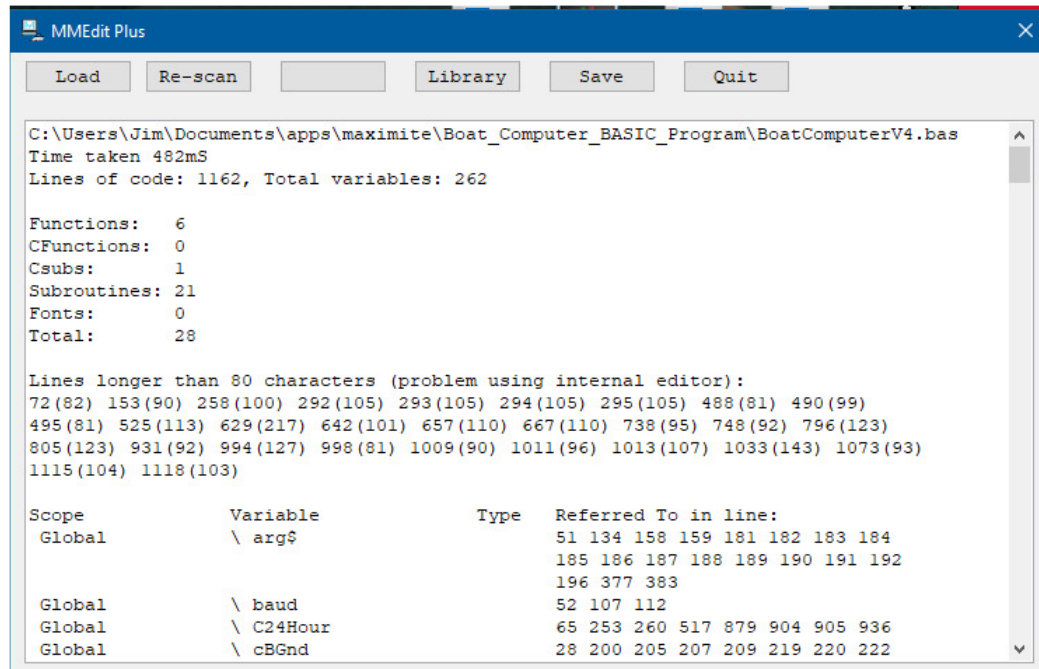
Produces a variable report for MMBasic files.

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.

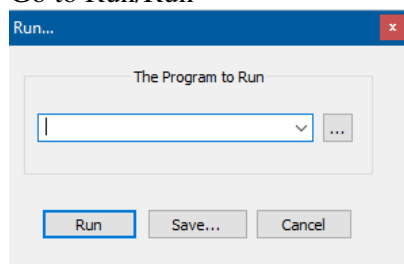
Use a batch file

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

The report can take a couple of seconds for large files

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
 "\$(FULL_CURRENT_PATH)"</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.

Library

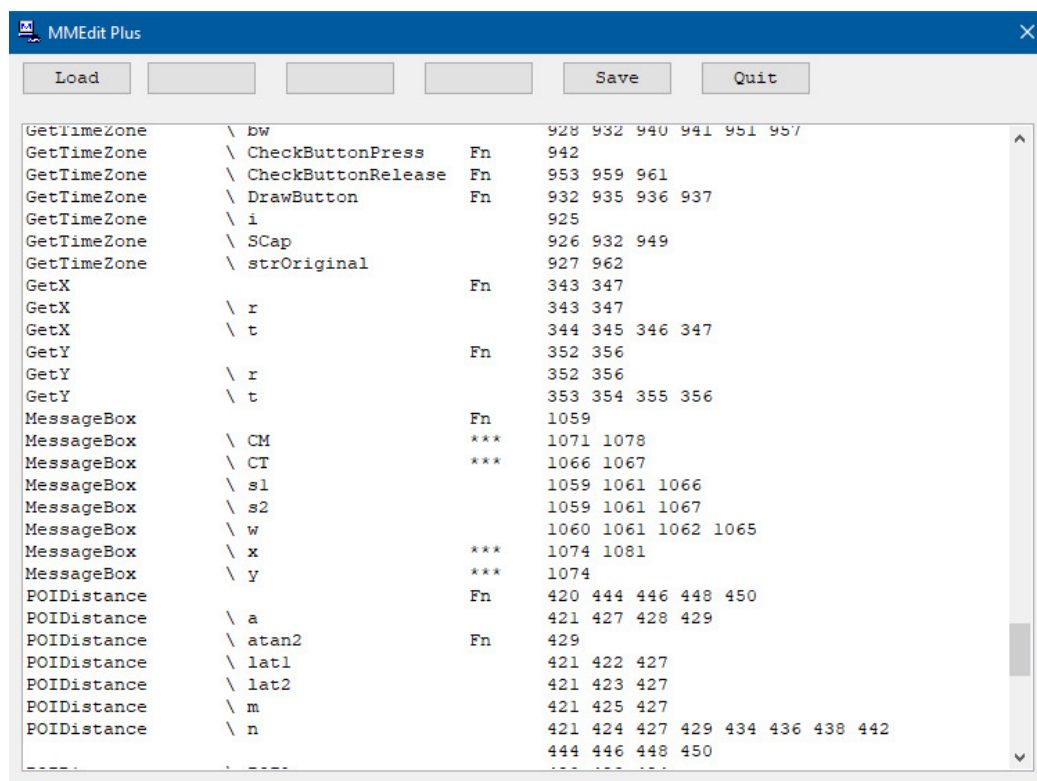
Save the current list of functions to the Library list. The list is maintained between sessions. This prevents library functions from being listed as not declared.

Save

Saves the current report.

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

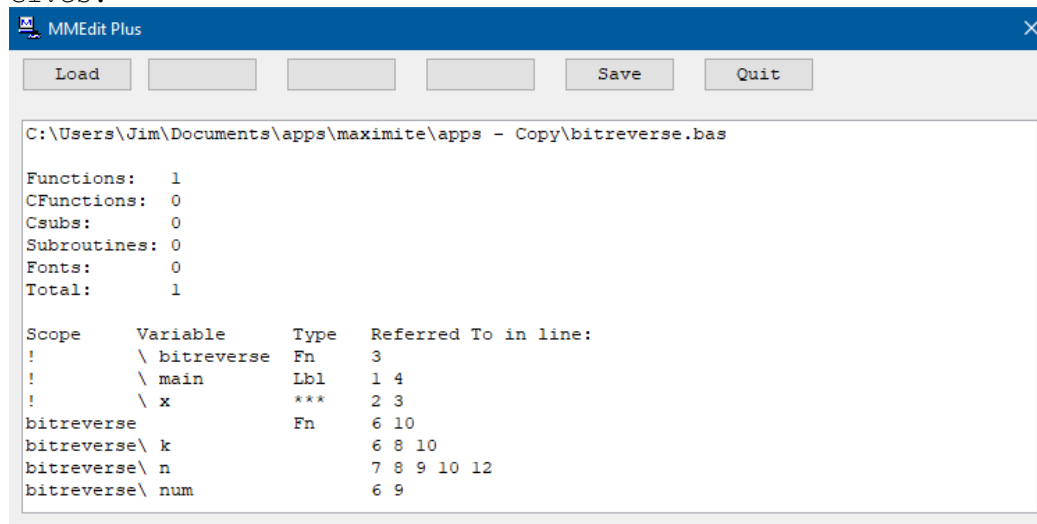
Referred to in line

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.