

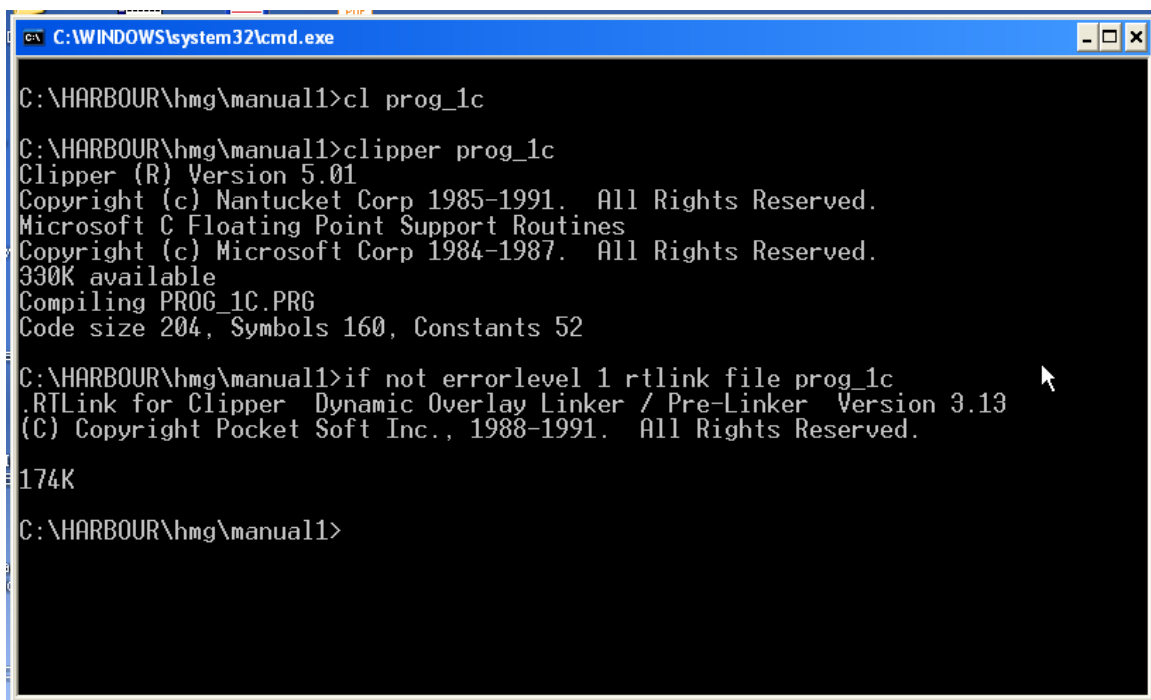
From Clipper to HMG – part 2

In relation to the Clipper you have a much better environment for the creation of the program, and there's a GUI program that facilitates the work

Environment and Tools

Compilation

Clipper – from Command Prompt



```
C:\WINDOWS\system32\cmd.exe

C:\HARBOUR\hmg\manual1>cl prog_1c

C:\HARBOUR\hmg\manual1>clipper prog_1c
Clipper (R) Version 5.01
Copyright (c) Nantucket Corp 1985-1991. All Rights Reserved.
Microsoft C Floating Point Support Routines
Copyright (c) Microsoft Corp 1984-1987. All Rights Reserved.
330K available
Compiling PROG_1C.PRG
Code size 204, Symbols 160, Constants 52

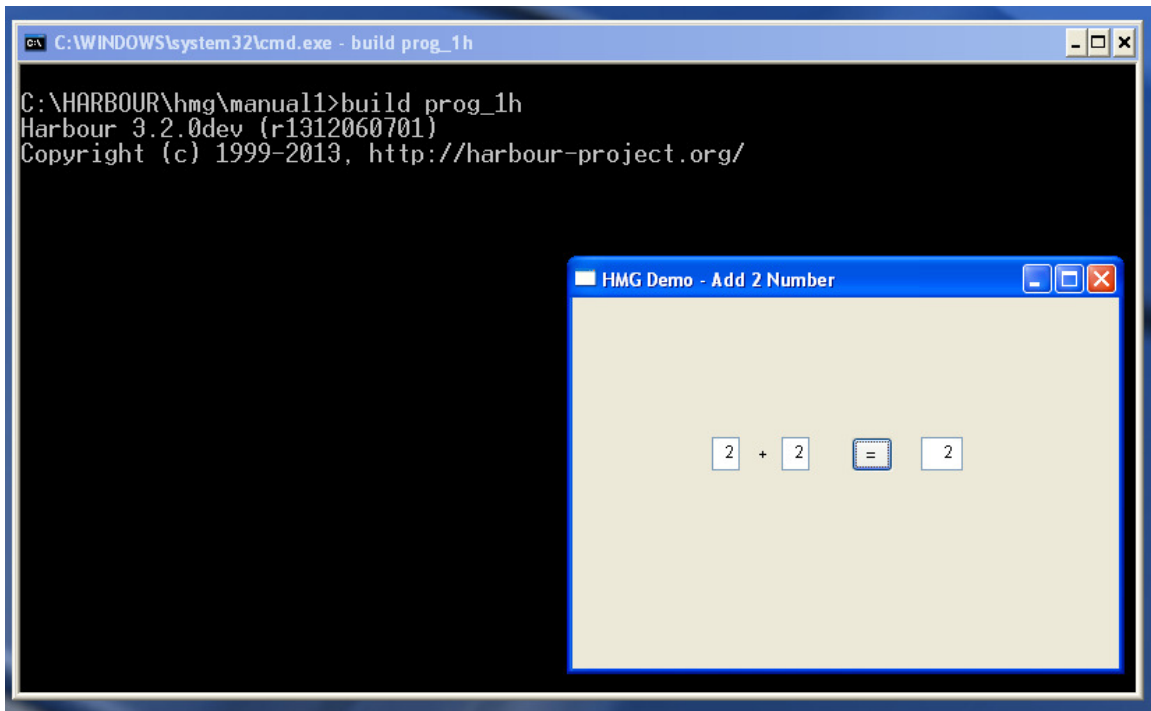
C:\HARBOUR\hmg\manual1>if not errorlevel 1 rtlink file prog_1c
.RTLink for Clipper Dynamic Overlay Linker / Pre-Linker Version 3.13
(C) Copyright Pocket Soft Inc., 1988-1991. All Rights Reserved.

174K

C:\HARBOUR\hmg\manual1>
```

You had a compiler (CLIPPER) and linker (RTLINK or other), and make (RMAKE) for larger program. Most often moved from prompt

HMG – from Command Prompt

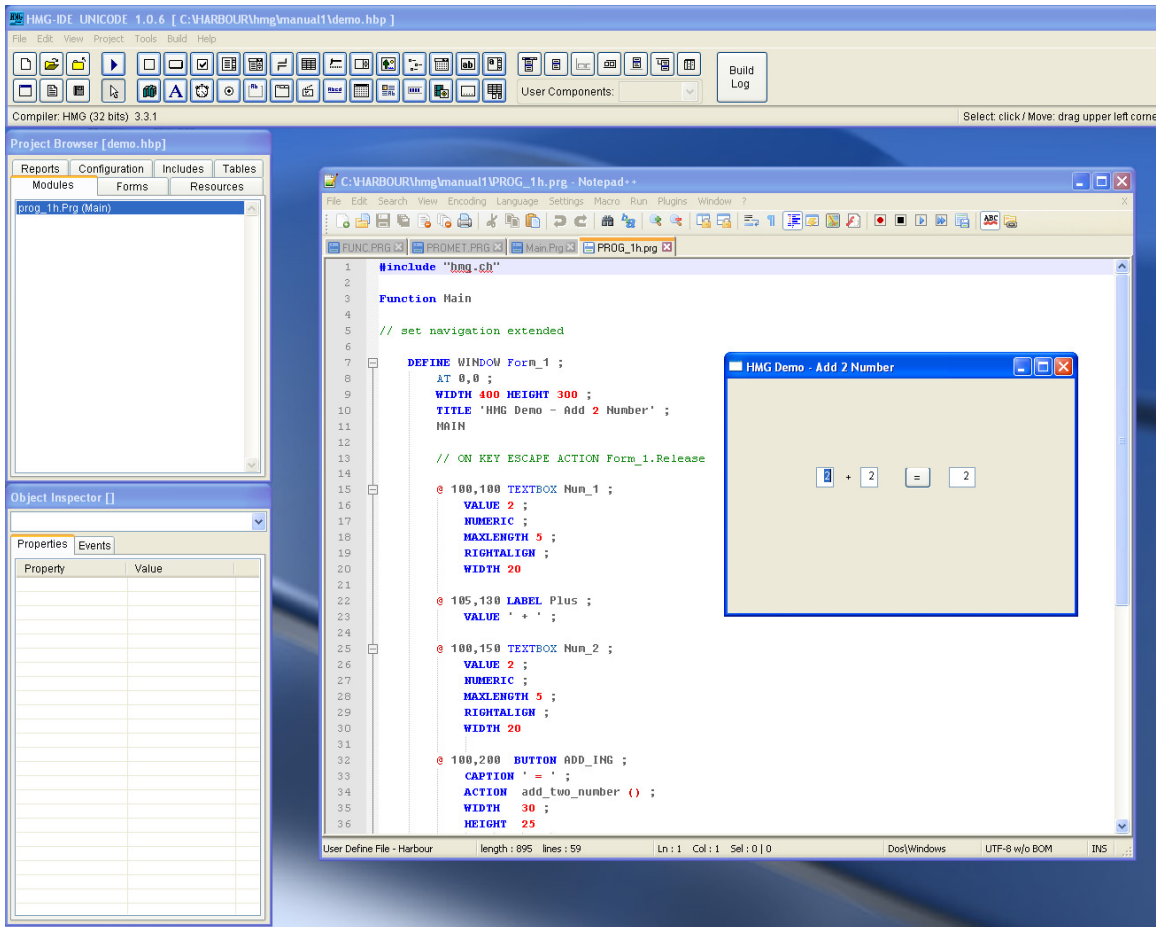


HMG has the option of starting the compilation of the Command Prompt, if passed successfully, the program is started

Also you can compile project **BUILD.BAT demo.hbp**

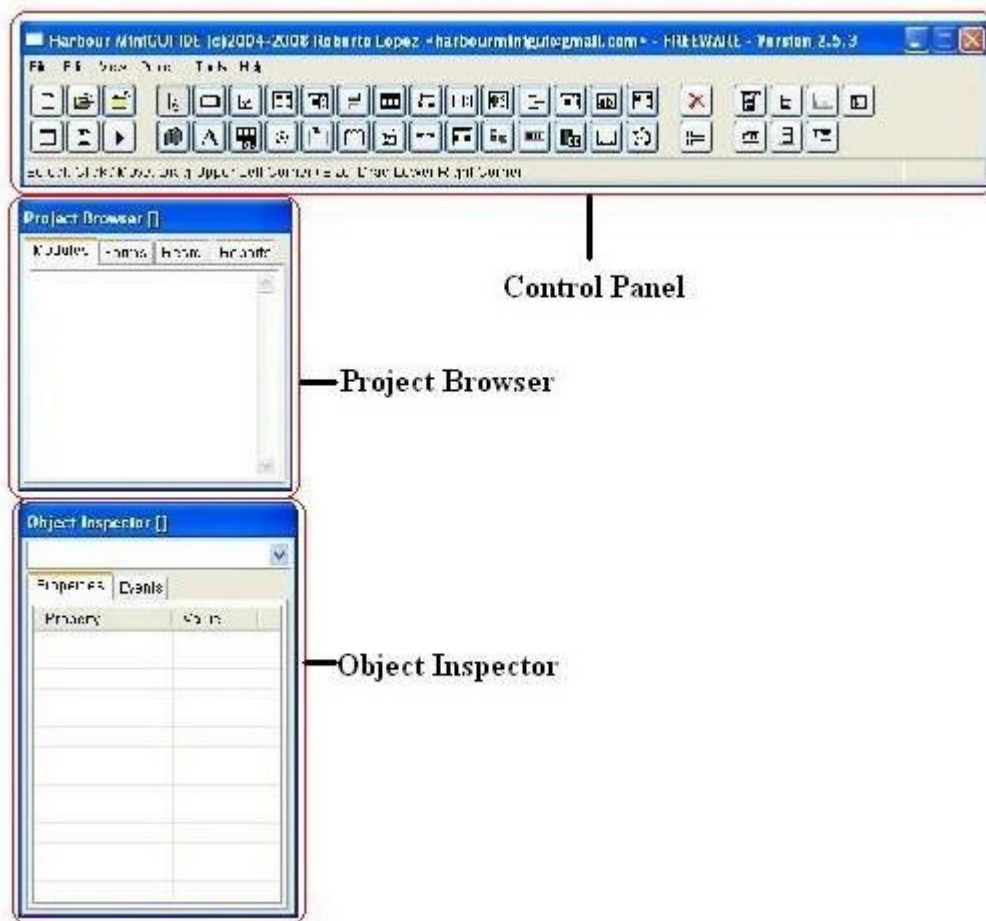
HMG – from GUI tool

HMG IDE is GUI tool for the development of HMG program. Open project and click



If everything is OK program is started.

HMG IDE



HMG IDE is a modern program facilitates many tasks, and complete instructions and examples can be found in the documentation that comes with HMG

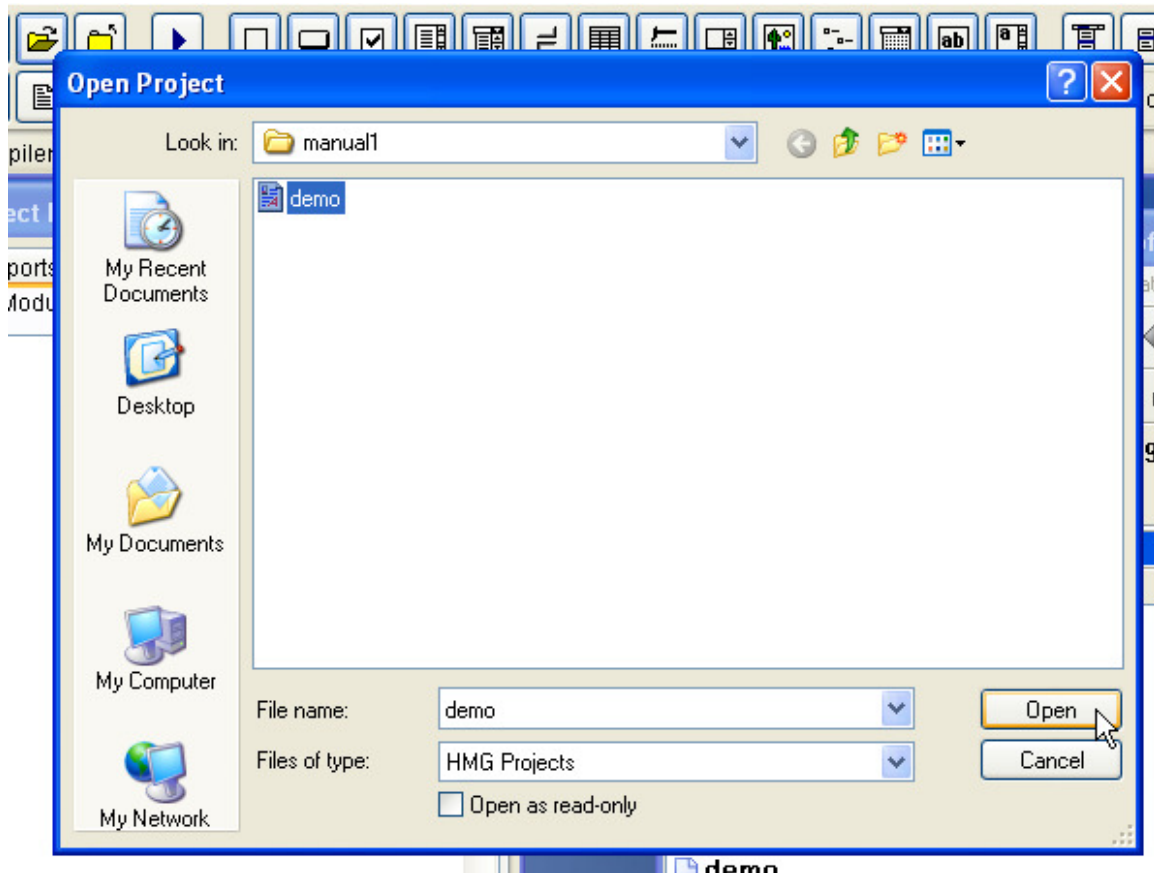
Editor

With the new version comes HMG programming editor Notepad ++

HMG supports syntax so you keywords, commands, variables paint another color


HMG IDE start

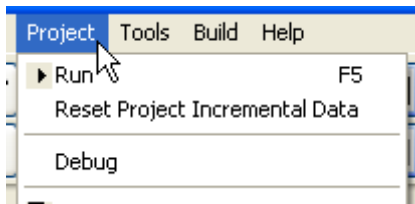
This program manages the project and to start it to open or create a file in which .hbp address all modules (for programs).



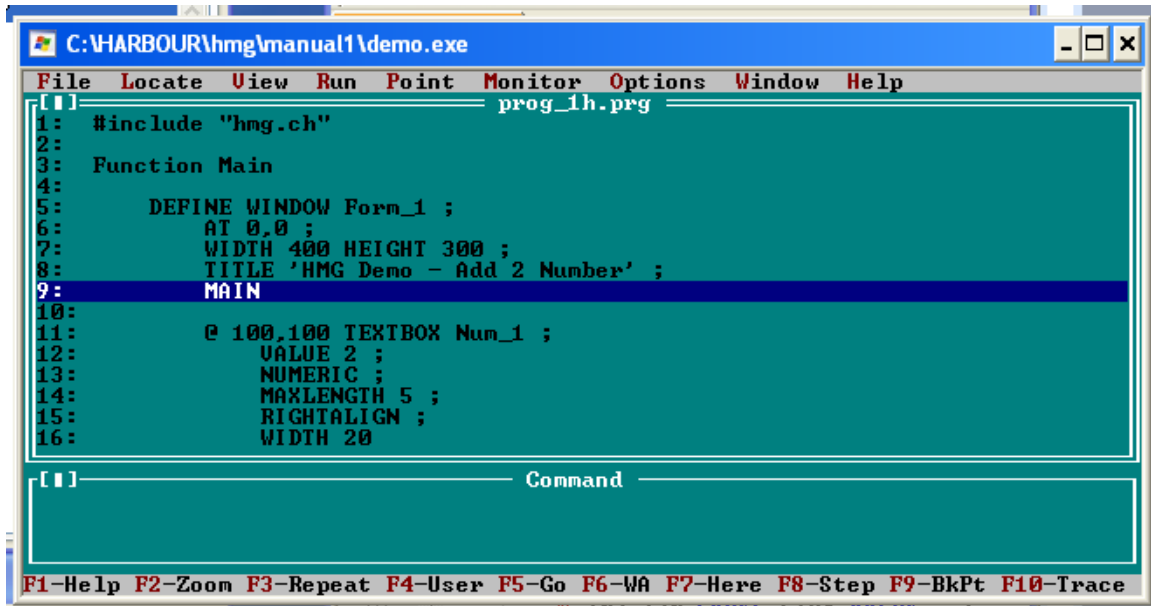
In the Modules tab of the programs involved in the project, click on the program and opens in the editor

Note: editor you want to use, set to Tools -> Preferences

If everything is in order for the compilation and click on  if everything is fine program will be launched.



Another possibility is the Debug option, after the program opens in Debug mode



Controls are as in Clipper debugger, F8 to step F5 to work to Breakpoint, Monitor will show the value of variables that you want to follow

To be continued