

## Emulator integration in PH15C Interface

The **PH15C interface** can integrate an HP-15C emulator in order to write (or read) directly a program in its memory file and to launch the execution of this emulator.

2 emulators are available for this integration :

- **Hewlett-Packard HP-15C** Version 2012.11.29  
available only for **Windows**,  
its constant memory is saved in a file named HP15CState.bin  
downloadable from <http://www.educalc.net/page/2336331/>
- **Torsten Manz's HP-15C**  
available for **Windows**, **Mac** and Linux  
its constant memory is saved in a file named HP-15C.mme  
(versions 4.5 & 4.6) or HP-15C.mem5 (version 5.0)  
downloadable from <http://hp-15c-simulator.de/>

To be used with **PH15C Interface**, 2 setting modes are possible :

- ↪ via the “*settings.txt*” file updatable in **PH15C Interface** : 4 parameters must be entered in the sheet “Settings”

```
EXEpath=C:\Program Files (x86)\Hewlett-Packard\HP 15C Virtual Calculator\  
EXEname=HP15C_XE.exe  
BINpath=C:\Users\UserName\AppData\Roaming\  
BINname=HP15CState.bin
```

This is the easiest method if you are only using one of the two emulators

- ↪ via specific parameter files for each emulator  
⇒ a *HP15Cemu.txt* file for **Hewlett-Packard HP-15C**

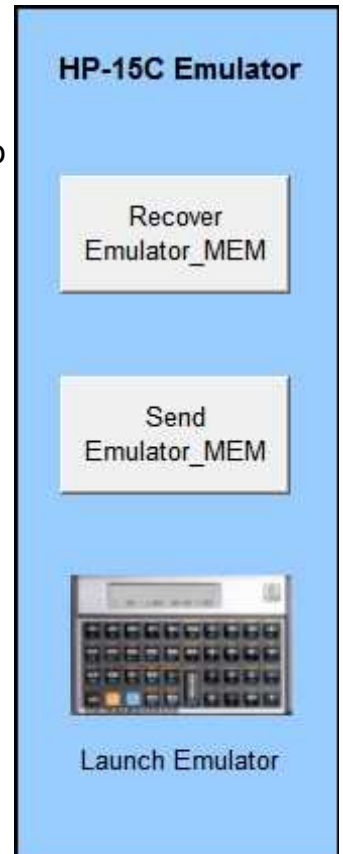
```
; Emulateur HP15C Hewlett Packard 2012  
EXEpath=C:\Program Files (x86)\Hewlett-Packard\HP 15C Virtual Calculator\  
EXEname=HP15C_XE.exe  
BINpath=C:\Users\UserName\AppData\Roaming\  
BINname=HP15CState.bin
```

⇒ an *HP15Csimu.txt* file for **Torsten Manz's HP-15C**

```
; Emulateur HP15C Torsten Manz 4.6.00  
EXEpath=C:\Program Files (x86)\HP-Emulators\HP 15C\  
EXEname=HP-15C.exe  
BINpath=C:\Users\UserName\AppData\Roaming\HP-15C\  
BINname=HP-15C.mme  
; or HP-15C.mem5 for version 5.0
```

both files can exist, or only one or neither (previous method)

If both files exist then check boxes in the “Settings” sheet allow you to “switch” from one choice to the other.



Explanation of the parameters for integrating programs into **PH15C interface** :

The screenshot shows the 'HP-15C Emulator' window. At the top, there are two radio buttons: 'HP15C PC Version [Hewlett-Packard]' (selected) and 'HP-15C Simulator [Torsten Manz]'. Below these are four configuration rows, each with a text input field and a 'Change' button:

- EXE path :** C:\Program Files (x86)\Hewlett-Packard\HP 15C Virtual Calculator\
- EXE name :** HP15C\_XE.exe
- BIN path :** C:\Users\UserName\AppData\Roaming\
- BIN name :** HP15CState.bin

- 1) **EXE path** : folder where the chosen emulator program is located  
Example :  
C:\Program Files\Hewlett-Packard\HP 15C Virtual Calculator\  
for Hewlett-Packard HP-15C  
C:\Program Files (x86)\HP-Emulators\HP-15C\  
for HP-15C by Torsten Manz
- 2) **EXE name** : program name  
Example : HP-15C.exe
- 3) **BIN path** : folder where the emulator's "constant memory" file is located  
Example :  
C:\Users\Username\AppData\Roaming\  
(must contain the *HP15CState.bin* file)  
for Hewlett-Packard HP-15C  
C:\Users\Username\AppData\Roaming\HP-15C\  
(must contain the *HP-15C.mme* file or the *HP-15C.mem5* file)  
for HP-15C by Torsten Manz
- 4) **BIN name** : name of the program's "constant memory" file  
Example :  
HP-15CState.bin for Hewlett-Packard HP-15C  
HP-15C.mme for HP-15C by Torsten Manz (versions 4.5 & 4.6)  
or HP-15C.mem5 for HP-15C by Torsten Manz (versions 5.0)