Friday, April 22. 2011

Caanoo-MSX: MSX Emulator for Caanoo v1.1.2

Hi All,

fMSX is a famous emulator of the MSX, MSX2, and MSX2+ 8bit home computers.
It runs MSX/MSX2/MSX2+ software on many different platforms including Windows and Unix.
See http://fms.komkon.org/fMSX/ for further informations.

It has been first written by Marat Fayzullin, and later Vincent van Dam ported it on SDL.

Special thanks to Pixador for his hard work on my previous dingux version.
All those improvements are now part of this new caanoo version.

Here is a copy of the changelog v1.1.2 :
- USB Joystick support !
  (up to two players if you got a Twin USB joystick adapter
  or if you use Caanoo Pad + one USB joystick)
- Overclock support and default cpu clock when exiting the emu
- global disk / rom files location
- Rom file selector bug fix
- Add F10 key in Danzeff keyboard
- New title icon from Mospaedax
- improve speed limiter accuracy

From Pixador dingux mods :
- Updated the Z80 emulation to the latest fMSX one
- Emulation of M1 cycles: R register is now fully emulated and cycles are more accurate.
- Fixed joystick emulation: joystick 2 must not be a copy of joystick 1
- Fixed color 0 in MSX2 sprites
- Fixed color palette for Screen 8 sprites
- Full color depth in Screen 8
- Fixed initial memory mapping for ASCII8 and ASCII16 megaroms
- New megarom type: RTYPE
- Megarom detection with SHA1 checksum with file carts.sha (based on Cax mod)
- Tweaked the built-in megarom type detection to improve its accuracy
- Added setting to force a specific megarom type
- FM-PAC is not loaded if FM emulation disabled
- Sound is shut down when the MSX is reset
- New Render modes: "zoomed" and "fullscreen" (based on Cax mod)
- More accurate speed limiter

How to use it ? Everything is in the README.txt file.

Here is a full working binary version :
caanoo-msx-v1.1.2-bin.zip

The source code is here :
caanoo-msx-v1.1.2-src.zip

It's distributed under Marat Fayzullin's license for the original MSX part, and under FreeBSD license for all the Dingoo part.

Enjoy,

Zx.

If you want to discuss on this homebrew, you can do it here :
My forum on dcemu network or http://www.gp32x.com/.

Posted by zx-81 in MSX at 10:57