
Subject: v2.9.0 screen saver.

Posted by [lb-hobby](#) on Mon, 27 Apr 2020 01:19:02 GMT

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Hello everyone,

This is my situation. I have a Planar 19" lcd monitor that only works with a 60hz vertical refresh rate. Versions above v2.9.0 only output at 69hz. My monitor doesn't like it. I really need to use this monitor with my Zeta 2 Z80 SBC.

I've done a Explorer search (screen, saver, screen saver) through the source code for v2.9.0 but could not find anything relating to the screen saver. It's interesting, while higher versions have source code (in SPIN) for the ParPortProp firmware, there is none (no Prop folder) for v2.9.0. For this version was ParPortProp firmware programming done in ASM?

The screen saver is So-o-o annoying. Can someone help me disable it?

Thanks,
Larry

Subject: Re: v2.9.0 screen saver.

Posted by [Wayne W](#) on Mon, 27 Apr 2020 01:36:27 GMT

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lb-hobby wrote on Sun, 26 April 2020 18:19Hello everyone,

I've done a Explorer search (screen, saver, screen saver) through the source code for v2.9.0 but could not find anything relating to the screen saver. It's interesting, while higher versions have source code (in SPIN) for the ParPortProp firmware, there is none (no Prop folder) for v2.9.0. For this version was ParPortProp firmware programming done in ASM?

The screen saver is So-o-o annoying. Can someone help me disable it?

The source code for the Propeller firmwares in v2.9.0 is found in the RomWBW-2.9.0-Package\RomWBW\Source\Hardware\Prop\Spin folder.

If you look at the file called ParPortProp.spin, you will see a simple "Timer" function. Just disable it.

Thanks,

Wayne

Subject: Re: v2.9.0 screen saver.

Posted by [Wayne W](#) on Mon, 27 Apr 2020 01:41:23 GMT

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Quote:

I've done a Explorer search (screen, saver, screen saver) through the source code for v2.9.0 but could not find anything relating to the screen saver. It's interesting, while higher versions have source code (in SPIN) for the ParPortProp firmware, there is none (no Prop folder) for v2.9.0. For this version was ParPortProp firmware programming done in ASM?
The screen saver is So-o-o annoying. Can someone help me disable it?

The source code for the Propeller firmwares for RomWBW v2.9.0 is found in the distribution package in the folder "Source\Hardware\Prop\Spin". If you look at the file called ParPortProp.spin, you will see a Timer function that controls the video on/off related to the screen saver. Just disable that function.

-Wayne

Subject: Re: v2.9.0 screen saver.
Posted by [lb-hobby](#) on Tue, 28 Apr 2020 11:56:27 GMT
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The code below is what I found. I'm not SPIN language literate but I found that commenting out "dsp.VidOn" in two places stops the screen saver from activating.

Now if I could only find a USABLE TEXT EDITOR for CPM and this Zeta2 SBC other than "ED" (sick) or ZDE that allows keyboard keys like "HOME" "END" "PGUP" "PGDN" "DEL" (to erase character to the right) "BACKSPACE" (to move cursor to the left and do a delete), I'd be a happy man. Ctrl+K+S and other such permutations, even with a pop-up help menu, try my patience. I don't remember having these complaints when I had my Heathkit H8 computer using cassette based programs. But that was 40 years ago. You think I've become impatient in my old age?

Thanks Wayne

```
PRI Timer
  TimerCount := SLEEP
  repeat
    waitcnt(clkfreq * 1 + cnt)
    if (TimerCount > 0)
      if (TimerCount == 1)
        '   dsp.VidOn
        TimerCount--
```

```
PRI Activity
  if (TimerCount == 0)
    '   dsp.VidOn
  TimerCount := SLEEP
```

Subject: Re: v2.9.0 screen saver.

Posted by [Wayne W](#) on Tue, 28 Apr 2020 18:19:29 GMT

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lb-hobby wrote on Tue, 28 April 2020 04:56The code below is what I found. I'm not SPIN language literate but I found that commenting out "dsp.VidOn" in two places stops the screen saver from activating.

VidOn turns the video on. VidOff turns it off. Commenting them both out is fine. Even better, you could just remove the entire Timer routine and related code, but doesn't really matter.

lb-hobby wrote on Tue, 28 April 2020 04:56Now if I could only find a USABLE TEXT EDITOR for CPM and this Zeta2 SBC other than "ED" (sick) or ZDE that allows keyboard keys like "HOME" "END" "PGUP" "PGDN" "DEL" (to erase character to the right) "BACKSPACE" (to move cursor to the left and do a delete), I'd be a happy man. Ctrl+K+S and other such permutations, even with a pop-up help menu, try my patience. I don't remember having these complaints when I had my Heathkit H8 computer using cassette based programs. But that was 40 years ago. You think I've become inpatient in my old age?

Yeah, I hear you. ZDE is about the best I have found personally. It may be possible to hack it to understand VT100 cursor keys, but I have never tried.
