

How to display something on the screen while the kernel starting up?

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- *From:* Atsing Hou <AtsHou@xxxxxxxxxx>
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My platform is:

A CEPC-based x86 machine

A CF card to store NK and HIVE registry

Using the x86 biosloader as our boot loader

Now I can display a progress bar by biosloader to indicate the loading status of NK.bin.

But after that, the kernel takes a long time (about 20s) to startup, and the screen is totally black in this time, until the desktop shows up.

So I want to display something on the screen to indicate the kernel startup status, but how to implement this? and from which step of the NK loading process?

I think that it maybe the HIVE loading process which takes a long time, Is there a chance to operate the screen before that?

I cannot change the display driver because there is no source code in the BSP.

Any suggestions? Help please!

Best regards

Atsing

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