

# Re: Final installation

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*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2006-10/msg00061.html>

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- *From:* "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com>
  - *Date:* Tue, 3 Oct 2006 12:49:58 -0700
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Saving the registry is part of the OS design. You need to read the help on hive-based registry. You are *\*not\** done, yet.

"Resident" in what? This is part of your design of the device, not something that we can give you. Is the USB key going to be present always? If so, you might store it there. Is there going to be a hard disk or a flash-based equivalent (ATA flash card connected to the IDE controller or to a PCMCIA controller)? If so, you might store it there.

In any case, you'll need some form of a bootloader to handle loading the OS from this persistent storage, which is not directly executable, into RAM and to then jump to it. You might store the bootloader in ROM, as BIOS is stored in ROM on a PC. You might store the bootloader in the boot sector of a media device, like your USB stick or an ATA flash card. VIA has such a bootloader for Windows CE and it works very nicely in hardware based on their processors. Or, you might continue to use loadcepc, from autoexec.bat. This is expensive, since it requires a DOS license, as well as the CE license you have to buy, but easy.

Tell us what devices you will have, at run-time, where things might be stored persistently. Tell us what processor, specifically, you are using, and, if your hardware is off-the-shelf, what board it is. The more information you give, up to the point where you have to present it in chapters, the better the answer you will get...

Paul T.

"Baoluo" <Baoluo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:1D13644A-C24B-4886-A7CB-5C055BB3C4A3@xxxxxxxxxxxxxxxxxxxx>

it is an Intel based machine with a boot on an USB flash key.

Now I am booting with loadcepc with nk.bin file. The application is running but I can't save any parameter(like registry value).

Now I would like to build an OS resident. But I don't know what is next step.

Re: Final installation

Could you help

Thanks

"Paul G. Tobey [eMVP]" wrote:

If you mean "how do I make the OS resident, rather than requiring download from Platform Builder", that means that you actually are not done. You'll need a bootloader change, to remove eboot from the device and replace it with something that makes sense. How you store the OS should have been part of your original design. Is this an x86 with a hard disk? Is it an ARM-based machine with linear flash? You'll have to tell us more than that the OS is done to answer this question!

Paul T.

"Baoluo" <Baoluo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:800B3A5A-A928-4C87-ADE1-5886F24A4D4B@xxxxxxxxxxxxxxxxxxxxx](mailto:news:800B3A5A-A928-4C87-ADE1-5886F24A4D4B@xxxxxxxxxxxxxxxxxxxxx)

Hi, I have finish debugging my machine. Now I would like to build WINCE into my developpement machine then it will run automaticly when I will power on my dev machine. How can I build my final OS without the need of platform builder?