

Problems with corrupted hv-files generated from regcomp during makeimg

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- *From:* "Thomas Hensler" <thomas.hensler@xxxxxxxxxxxxxxxxxxxxx>
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Hello together,

we have serious problems with corrupted hv-files generated from regcomp during makeimg. For building our Windows CE 4.2 image we call cepb from a batch file during our automatic build process. For a couple of builds (about 30%) the resulting nk.bin does not boot correctly on the target device (the filesystem does not start up correctly and the device hangs). The difference between a "good" and a "corrupt" image is only within the .hv-file within the flat release directory (boot.hv, default.hv and user.hv). These are generated from regcomp.exe during makeimg from the reginit.ini file.

The difference of the binary hv-files is not only in the beginning part of the file (where there seems to be some random information (mostly the environment variables from the build machine), which are used for padding the files) but also in the back of the file, where the essential information seems to be.

We have this difference even if we call regcomp.exe in the flat release directory ("regcomp reginit.ini .") as opposed to calling makimg (from the same build command line).

Anyone ever had similar problems? Any idea on how to avoid these problems? In the meantime we have changed the registry settings a little bit, so that we have a different reginit.ini as input. The first tries worked, but who knows if the problem appears again.

We can provide our reginit.ini and even the whole flat release directory to Microsoft for further investigation.

Regards,
Thomas Hensler

BTW: We use PB 4.2 with the QFEs installed (which once patched regcomp.exe already).

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