Archived:Possible workarounds to Emulator startup issues on Vista in S60 3rd Edition

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Note, that the incompabilities may also exist in newer SDKs, because the seem to inherit a lot of old code, and the problem are basically the same in Windows 7. Just on 2012-07-17 somebody asked in Java forum that they can not install S60_3rd_FP2 on Windows 7. And I also linked this page from another troubleshooting page. However this remains archived unless issues can be verified

The Symbian Emulator in the S60 3rd Edition SDK does not always launch on Windows Vista. This article provides a workaround.

Possible causes

There are (at least) two possible reasons for this conflict:

1. The realtek HD audio driver is present on Your PC
2. Data Execution Prevention (DEP) that maintains security concerns on Vista.

Workaround

Try the following workaround in order to launch the Emulator:

1. Disable the Audio HD driver from device manager
2. Disable DEP option for Vista by:
   - Run a command prompt as administrator. From the start menu, select "All Programs", then "Accessories" and right-click on the "Command Prompt" shortcut and choose "Run As Administrator".
   - From here you can use the following command to disable Data Execution Prevention (DEP):

     ```
     bcdedit.exe /set {current} nx AlwaysOff
     ```

   - To re-enable DEP do:

     ```
     bcdedit.exe /set {current} nx AlwaysOn
     ```

Disabling DEP is not recommended. However this is the approach that worked for me.

See also

- Using Nokia SDKs and Tools on Windows Vista
- Windows Vista

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