

Epocwind.out

Description

Epocwind.out is the log file created by the Symbian [emulator](#). By default it is located under the user's temporary directory (Usually *C:\Documents and Settings\[Username]\Local Settings\Temp* under Windows XP OR "*C:\Users\[Username]\AppData\Local\Temp*" under Windows 7)

For the file to be created, "Enable EPOCHWIND.OUT logging" must be enabled under the **C++ Debug** tab of the preferences dialog of the [emulator](#) window.

Epocwind.out is a text file and you can open it in any text editor to check logs created by emulator.

Format

The file starts by listing the parameters of the [emulator](#):

- **PlatSecEnforcement:** The [emulator](#) is emulating platform security, and calls that to functions without sufficient [capabilities](#) on the part of the program will fail the same way they would on the device.
- **PlatSecDiagnostics:** The [emulator](#) will add debugging messages to Epocwind.out if a program tries to call functions for which is doesn't have sufficient [capabilities](#). If **PlatSecEnforcement**, above, is disabled, the call will still succeed.
- **PlatSecProcessIsolation:** Certain kernel APIs can allow insecure actions, for example a thread in one process terminating a thread in another process. If enabled, run-time checks by the kernel enforce the correct usage of these APIs.
- **PlatSecEnforceSysBin:** The executable loader will only look for and load files in the *SysBin* directory. If a different path has been specified, it will be ignored.
- **PlatSecDisabledCaps:** A list of the disabled [capabilities](#) in the [emulator](#). None by default. This works differently than you might think: disabled [capabilities](#) are all **granted** to every binary run on the [emulator](#) at default, so calls using these [capabilities](#) will always succeed.

Most of these settings can be changed when running the [emulator](#) under the **Platform Security** tab of the preferences dialog.

The remainder of the file is a timestamped list of debug messages from the [emulator](#) and programs running in the [emulator](#).

Platform Security Messages

When a platform security check fails, and **PlatSecDiagnostics** is enabled (see above), the log will contain a message starting with the words "***PlatSec* WARNING**" and then specifying the details of the call and why it failed - for example:

```
*PlatSec* WARNING - Capability check would have failed -  
A Message (function number=0x00000001) from Thread  
AddressBook[a0000180]0001:AddressBook, sent to Server !Sen,  
was checked by Thread Sen.EXE[101f96f4]0001:Main  
and was found to be missing the capabilities: NetworkServices
```

Related Links

- [How to troubleshoot Platform Security issues](#)

