

# How does Task Manager compute Up Time, and why doesn't it agree with GetTickCount?

 [devblogs.microsoft.com/oldnewthing/20150512-00](http://devblogs.microsoft.com/oldnewthing/20150512-00)

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Task Manager shows a piece of information called “Up time”. How is this value calculated, and why doesn't it agree with the value reported by `GetTickCount` / `GetTickCount64` ? Task Manager calculates “up time” by subtracting the system boot time from the current time. In other words, it is misnamed; it really should be called *time since system was started*. It doesn't subtract out the time when the computer was in sleep or hibernation.

The tick count, on the other hand, counts only time that elapses while the computer is on.

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