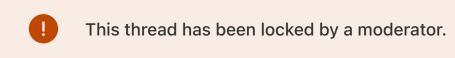


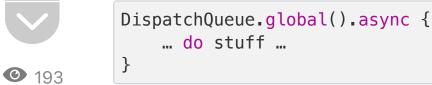
Avoid Dispatch Global Concurrent Queues

Q Search by keywords or tags





I regularly see folks write code like this:



Developer Forums

This relies on a Dispatch global concurrent queue. Using such queues directly is almost always a mistake. That's because a global concurrent queue might [1] overcommit — that is, start more threads than there are CPU cores — resulting in needless inefficiency. In the worse case this

My general advice is that you avoid concurrent queues in almost all circumstances. For more background on this, see:

WWDC 2015 Session 718 Building Responsive and Efficient Apps with GCD

can trigger a phenomenon known as thread explosion, which is about as much fun as it sounds.

WWDC 2017 Session 706 Modernizing Grand Central Dispatch Usage

If you have any follow comments or questions, please start a new thread, tagging it with Dispatch, and I'll respond there.

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Quinn "The Eskimo!" @ Developer Technical Support @ Apple let myEmail = "eskimo" + "1" + "@" + "apple.com"

[1] Whether it will overcommit is a more complex question (-:

(r. 98175345)

Dispatch



?



Posted 2 months ago by (*) eskimo (*)

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