

Monitoring QoS Parameters Using iPad

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Abstract

This paper presents an introduction to the world of Apple's iPad, iPhone and iPod Touch families, running the latest mobile operating system, i.e. the iOS 5. Furthermore, we briefly described the complete developer toolset for iPhone/iPad applications. It includes the Xcode IDE, some performance analysis tools, an iOS Simulator, and the latest iOS SDKs. We applied them to realize a monitoring application for quality of service parameters, called iQoSStats, dealing with Available Transfer Rate and One-Way Delay. The paper includes a comparison between our software package iQoSStats and other statistics-oriented applications available on the Apple AppStore.

Biography

I graduated the Mathematics-Informatics high-school and currently I am studying at the Technical University of Cluj-Napoca, expecting to get B.Sc. in Telecommunications Technologies and Systems in June 2012. I am 22 years old with a great interest in programming software solutions for the world needs, especially on the iOS platforms. This is due to the fact that I find it very engaging and at the same time very challenging, the applications being at the end truly special for the user's experience.

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