

Loyola University Chicago Computer Science Colloquium

Thursday, November 12, 2009

6:30 PM

25 E. Pearson, Room 0711

Water Tower Campus

"Scaling the Web with Prudence"

Speaker:

Tal Liron

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Abstract:

Prudence is an open source framework for building scalable web frontends and network services. It comes in several flavors: JavaScript, PHP, Python, Ruby, and Groovy. Your application can support rich clients (AJAX), thin clients (pure HTML), and happy mixes between the two.

Prudence stands out from other web frameworks in that it is designed from the ground up to scale. It adheres to proven REST principles, which work with the web's inherently scalable architecture, rather than trying to force it into other, limiting paradigms. HTTP is handled via non-blocking I/O, which keeps your operating system from getting saturated in high loads. Code runs on a JVM.

Each flavor comes with a relevant example application, which shows how to integrate Prudence with various data backends.

Bio Sketch:

Tal's been writing software since age 4. He's been a long-time contributor to open source and free software, and has written articles for JavaWorld magazine. Most recently, he's launched Three Crickets, a software house specializing in scalable backend technologies. When he's not coding, Tal works on completing his doctorate in cultural anthropology at the University of Chicago, getting his yoga teaching certification and self-producing his music.

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