The Research in Computer Science Seminar

“Measuring the Performance of an XML-Based Communication Primitive”

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Abstract

Computer systems frequently use the eXtensible Markup Language (XML) to store and communicate data. Popular Web sites, applications, and distributed systems (e.g., Google, OpenOffice, and PlanetLab), require the use of XML-based storage and communication primitives. The Java programming language also offers a wide variety of remote communication primitives that vary according to their performance and functionality. We present a suite of micro benchmarks that measure the performance of low-level socket-based primitives and high-level communication with XML. This talk concludes with an examination of future research that can be conducted by undergraduates at Allegheny College.

Campus Center 303
Friday, September 22, 2006
12:15 – 1:15

All are welcome to attend!

For more information:
http://cs.allegheny.edu/~gkapfham/research/RICSS/