PHOENIX: A Framework for Software Analysis and Optimizations

John Lefor
Group Manager, Microsoft Research
Redmond, Washington

Phoenix is the next generation code generator and analysis framework currently under development at Microsoft Corporation. In this talk Mr. Lefor will describe the overall goals and architecture of Phoenix and provide some insight on how to use Phoenix in software research and instruction. Phoenix is integrated with the latest version of Microsoft's Visual Studio 2005. He will demonstrate how to get started using Phoenix with Visual Studio.

Biography

John Lefor is a Group Manager at Microsoft Research in Redmond, Washington. He has been a member of the Phoenix team since the project began and is responsible for design and delivery of the Phoenix Academic Program. Mr. Lefor has been involved in software tools at Microsoft for nearly 15 years and has enjoyed working with compilers and code generation for most of his career.

Tuesday, 07 March 2006, 3:40 — 5:00 pm
223 Atanasoff Hall
— refreshments served —