SIGAda 2005
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Ada 2005

The Ada language is undergoing a major enhancement, with important new features for Object-Oriented Programming, real-time systems, and other areas. Known as Ada 2005, the revised language is expected to be formally standardized by ISO in the near future. During this presentation Tucker Taft, the principal designer of Ada 95 and a key contributor to the Ada 2005 revision, will give an overview of the new features and explain their benefits. The presentation will conclude with a Q&A session and drawings for door prizes.

With Tucker Taft of SofCheck and the ISO JTC1/SC22/WG9 ARG (Ada Standardization)

Subject: Ada 2005

Where: L-22 Conference Center
When: November 21 (11:45 to 12:45)

Bio on Mr. S. Tucker Taft:

S. Tucker Taft is currently Chairman and Chief Technology Officer of SofCheck, Inc. (http://www.sofcheck.com). Mr. Taft is a member of the Ada Rapporteur Group of ISO/IEC JTC1/SC22/WG9, which led the international standardization work that produced Ada 2005.

Mr. Taft is an industry leader in compiler construction and programming language design. He served as the lead designer of the Ada 95 programming language while employed at Intermetrics, Inc., and helped to direct the efforts of a Language Precision Team which developed formal methods applicable to new parts of the Ada language. He was technical leader for development of a Static Interface Analysis Tool (SIAT) for Ada on behalf of the NASA Space Station IV&V effort, and a generalization of this for C++. In 2001, he led the architecture and development effort of the Enterprise-Java- and XML-based "Mass.gov" portal for the Commonwealth of Massachusetts. In 2002, Mr. Taft founded SofCheck, a company devoted to providing advanced static analysis and error detection tools to the business and mission critical software community.

Mr. Taft has published a number of papers and given numerous presentations on programming language design, and software development environments. His publications include "Ada 9X, A Technical Summary," Communications of the ACM, Nov. 1992, Vol 35, Issue 11. "High Quality Programming Languages," 12th Annual Software Technology Conference, Salt Lake City, Utah, April/May 2000.

Mr. Taft received an A.B. Summa Cum Laude degree from Harvard University, where he has since taught compiler construction and programming language design.