SATURN 2007

Software Engineering Institute | Carnegie Mellon

SEI Software Architecture Technology User Network 2007 Workshop
May 14-16, 2007 | Sheraton, Station Square | Pittsburgh, Pennsylvania
http://www.sei.cmu.edu/architecture/saturn

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Welcome to SATURN 2007 the Third SEI Software Architecture Technology User Network Workshop

Software Engineering Institute

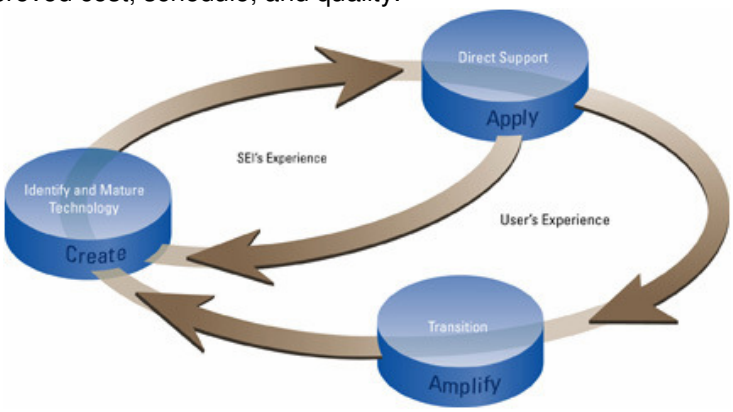
Established in 1984 as a federally funded research and development center operated by Carnegie Mellon University

Offices in 6 locations:

- Pittsburgh, PA;
- Colorado Springs, CO;
- Frankfurt, Germany;
- Huntsville, AL;
- Los Angeles, CA;
- Washington, DC

SEI's Strategic Functions

The SEI advances software engineering and related disciplines to ensure the development and operation of systems with predictable and improved cost, schedule, and quality.



SEI Technical Programs and Initiatives

Acquisition Support Program
Dynamic Systems Program
- Integration of Software-Intensive Systems (ISIS)
- Performance-Critical Systems (PCS)

Product Line Systems Program
- Software Architecture Technology (SAT)
- Predictable Assembly from Certifiable Components (PACC)
- Product Line Practice (PLP)

Software Engineering Process Management Program
- Capability Maturity Model Integration (CMMI)
- Software Engineering Measurement and Analysis (SEMA)
- Team Software Process (TSP)

Networked Systems Survivability Program
- CERT Coordination Center
- Survivable Enterprise Management
- Survivable Systems Engineering

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SATURN Goals

Share experiences using SEI software architecture technology tools, methods, and practices.

Generate ideas, issues, and needs with regard to software architecture practices.

Grow a network of those interested in using and improving software architecture practices.

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Feedback from previous SATURN attendees

Peer collaboration

Exploring case studies

SEI technical staff presence

Developing metrics that measure benefits

Learning what is new in software architecture

Shared understanding of applying SEI software architecture methods

Opportunities to learn where people are actually struggling to find solutions to problems

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Agenda: Workshop, May 15 -16, 2007

Keynotes

- Tools for Making Better Architecture Decisions
  - **Ian Gorton**, Senior Research Scientist, Pacific Northwest National Laboratory (PNNL)
- An Architecture Journey
  - **Jeromy Carrière**, Vice President, Architecture at Fidelity Investments

Experience reports, SEI reports, panel on ATAM, break-out and discussion sessions

Tuesday, May 15 evening reception 5:00 – 7:00 PM

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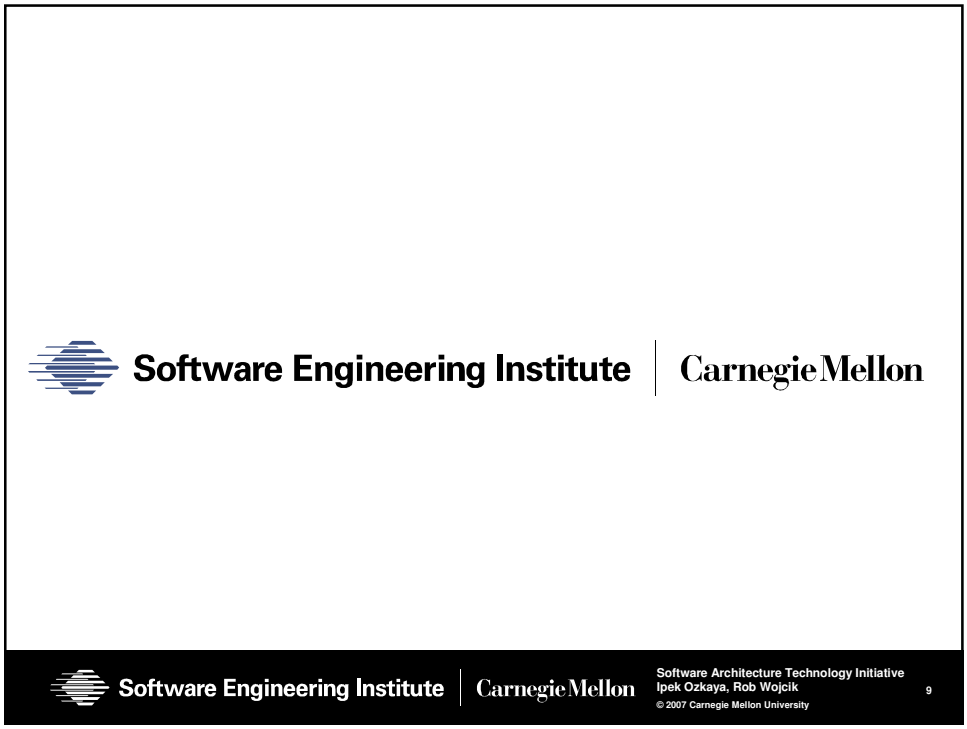

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