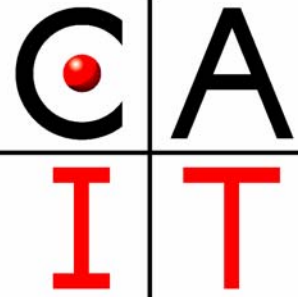


CAIT Connection

Center for the Application of Information Technology
Washington University in St. Louis

Jan/Feb 2008



Next Event: IT Trends 2008

In our day-to-day responsibilities, it is all-too-easy for IT professionals to focus their attention on immediate projects on-hand, while promising, but disruptive, technologies may be just around the corner. In 2008, there are five major trends in the area of business processes and applications alone that involve next-generation applications and architectures, as well as new ways to become a more process-oriented organization. They include Dynamic Business Applications; Web 2.0 and tech populism; software-as-a-service (SaaS); business process



Andy Salunga,
Senior Analyst,
Forrester Research

centers of excellence (COEs); and the evolving business analyst role.

Join us on Thursday, February 21st for our Annual Technology and Trends Briefing, when we

explore what the new year is likely to bring, and how it may impact IT for many years to come. The event, titled "IT Trends 2008," will feature **Andy Salunga**, Senior Analyst, Forrester Research. This event will be held on Thursday, February 21st from 8:15-10:30 a.m. at the St. Louis Art Museum in Forest Park. Organizations may register up to the following numbers of individuals based on their membership level: Executive A = 12; Executive B = 6; Supporting = 6; SME = 2; Vendor A or B = 6 + 3 guests. To register, *Feb 21st Event (Continued on page 4)*

New IT Classes for a New Age

At CAIT, where we give power to the IT people, you'll never find a technology generation gap. Each year we add cool new courses to our older ones to keep-up with emerging technologies. Check it out!:

The Virtual Employee (MGT330) -- Working remotely requires a different type of skill set. Many employees who have worked in a traditional office setting are not accustomed to the demands of working remote. This course teaches participants the "how-to" of working productively in alternative work locations.

IPv6 Implementation and Migration (IPV604) -- Get up-close and personal with the new Internet Protocol: IPv6. Learn about its architecture, its differences vs. IPv4, and its enhanced features

that have led it to become the new standard for the U.S. Department of Defense. This course includes a dozen hands-on exercises and labs associated with host and router configuration, tunneling, security and multicasting services. Begins March 24th.

Dynamic Development with Groovy and Grails (TTJV73) -- Groovy is a dynamic language written specifically for the JVM, with a syntax that should be fairly familiar to Java programmers. Groovy also has a framework for agile web development called "Grails" that provides a really powerful and fun way to



build web applications for the JVM. Begins March 31st.

Microsoft Office 2007 Upgrade Training (MSOFF1) -- While many IT professionals may have scoffed in the past about taking a class on how to use Microsoft Office, no one is laughing today. Microsoft Office 2007 is a major departure from earlier versions, and trying to figure out by trial and error how to use even the older features can be a real bummer. In this new half-day class, students will learn how to transition between earlier versions of Microsoft Office and Office 2007 by exploring the differences between the products. Begins May 5th.

For more information and to register, contact training@cait.wustl.edu or (314) 935-4444.

WHAT'S COMING

"Business Finance & Budget Fundamentals" (MGT290)

Two Days:
Mon-Tue, Feb 18-19
9am-4:30pm

"ITIL Practitioner Release & Control" (ITIL05)

Five Days:
Mon-Fri, Mar 10-14
9am-4:30pm

"Training Issues Roundtable" (RDTB18)

FREE
Half-Day:
Tue, Mar 11
7:30am-11:30am

"IPv6 Implementation & Migration" (IPV604)

Five Days:
Mon-Fri, Mar 24-28
9am-4:30pm

"Leading Change Across IT & the Enterprise" (MGT270)

Two Days:
Mon-Tue, Apr 7-8
9am-4:30pm

"The Business-IT Partnership" (MGT280)

One Day:
Wed, May 7
9am-4:30pm

To enroll, contact CAIT Training Services at (314) 935-4444 or training@cait.wustl.edu

From the Director's Chair...

At the beginning of a new year I like to take a broad look at what the forecasters, experts and other pundits are saying about what life will be like for IT during the upcoming year. So far the predictions for 2008 seem to be inconsistent and still fluctuating.

Recently *CIO Insight* published an article that stated that average IT spending growth is down and pressure to rein-in costs is rising, but money is still available to fund IT projects and critical technologies. In its 2008 IT spending survey fielded in late December and early January, when worries about the economy dominated the news, *CIO Insight's* results showed that despite growing concern over IT costs, executives are not making panic-stricken purchase and deployment decisions. Yet, I'm sure each of you has noticed the articles that have been grabbing the attention of IT readers lately. I have a few in my inbox that I haven't gotten to yet with titles such as "Is IT Recession-Proof?," "How CIOs Prep for the Economic Downturn," and "Is Your Job Safe?"

It disappoints me that playing on IT workers' economic fears seems to be the way the media tries to attract attention. Maybe this observation transcends all areas of journalism, and I've just gotten used to it with other sources. There are plenty of 'the glass is half full' articles and editorials out there too, but you have to search a little for them. For instance, the article titled "The New IT Worker Shortage," also in *CIO Insight*, states "The number of employed IT professionals is growing at a faster rate than the overall business-tech workforce. That has pushed IT unemployment to a decade low, with no signs of relief on the hiring front anytime soon." Maybe this is less emphasized because although it is good news for staff, it is less so for CIOs faced with the task of finding qualified people. Or, "IT Roles that Grow During a Recession" certainly puts a positive spin on things.

On February 21, Forester Research will present CAIT's Technology & Trends Briefing, where hopefully we'll be able to hear an objective assessment of things to come. I look forward to seeing you there!



Laurie Koetting

Laurie Koetting
Executive Director,
Sever Institute of
Continuing Studies

**Unified Communication and Collaboration:
Topic of March 11th event**

While the closing of I-64 has thankfully not been the disaster it was feared to be, it provided a much-needed jolt to many St. Louis companies that had been insufficiently focused on the revolutionary changes underway in unified communications.



Steve Cummings,
Unified Communications Specialist
Microsoft

Two accelerating and unstoppable trends are driving enterprises to double their planned spending in this area in the next two years. First is the rapid convergence of telephony to the Internet, with an astonishing one-third of the market already converted to Voice Over IP (VoIP). Second are the escalating trends toward telework and mobility, driving the need for remote collaboration and work environments. It is estimated that 70 million Americans are now teleworkers and more than 20 million work from home at least once per week.

Join us on Thursday, March 11th when we explore "Unified Communication and Collaboration" with a focus on remote and mobile workers,

featuring Steve Cummings, Unified Communications Specialist at Microsoft. This event will be held from 8:15-10:30 a.m. at the Lee Auditorium in the Missouri History Museum in Forest Park. Organizations may register up to the following numbers of individuals based on their membership level: Executive A = 10; Executive B = 5; Supporting = 5; SME = 2; Vendor A or B = 5 + 3 guests. To register, contact us at (314) 935-4444 or EventRSVP@cait.wustl.edu.

Steve Cummings is a Unified Communications Specialist with Microsoft, and has over 18 years of IT and telecom industry experience. He works with Fortune 1000 companies in the Midwest, focusing on the areas of VoIP, conferencing, and collaboration tools. Prior to Microsoft, Steve spent 10 years with Sprint Corporation specializing in the areas of LAN/WAN, authentication, encryption and data security design.

Founded in 1975, Microsoft is the worldwide leader in software, services and solutions that help people and businesses realize their full potential.

2008 database certificates: Still time to catch first classes

Keeping-up with data in today's increasingly competitive enterprises isn't easy. Trying to do it without the proper training is even harder. That's why CAIT has established certificate tracks that not only provide the body of knowledge database professionals need to become more productive, they also document and formalize your educational achievement with a respected credential. CAIT currently



offers four certificates relating to databases, listed below.

Business Intelligence and Data Warehousing Certificate - A data warehouse is a relational database or store of informational data that is extracted from operational data and transformed for decision making. Data warehousing allows users to access this vast store of operational data using Business Intelligence tools that employ OLAP technology. These tools empower users with the ability to monitor and respond to business trends, and facilitate fore-

Database Certs (Continued on page 3)

**2008 Certificates of Advanced Studies:
Dates for 1st class in each series**

Certificate Name	First Class in Certificate Series	Starts
.NET Programming Using C#	Introduction to C# Programming (CSH100)	Apr 1
.NET Programming Using Visual Basic.NET	Introduction to Visual Basic .NET Programming (VBN002)	Feb 18
Adobe Dreamweaver/Flash Web Development	DreamWeaver (WEB230)	Feb 19
Business Intelligence and Data Warehousing	Introduction to Data Warehousing (DATA10)	Apr 16
Computer Networking and Security	Networking Fundamentals (TTTL01)	Mar 17
Database Development Using Oracle	Intro To Oracle - I: SQL, SQL Plus & iSQL*Plus (TTOR05)	Feb 25
Database Principles	Database Fundamentals and Relational Overview (SYS115)	Feb 14
Enterprise Networking	Networking Fundamentals (TTTL01)	Mar 17
Enterprise Web Application Dev in Java	Creating and Validating XML (XML101)	Mar 3
IT Leadership & Management	Business Finance & Budget Fund for IT Prof'ls (MGT290)	Feb 18
IT Professional Development	Business Finance & Budget Fund for IT Prof'ls (MGT290)	Feb 18
Linux	Unix/Linux Operating System (TTUN00)	Mar 4
Object-Oriented Development in C++	Introduction to C++ Programming (TTPL35)	Feb 25
Object-Oriented Development in Java	Object-Oriented Analysis and Design Using UML (OOP110)	Mar 24
Object-Oriented Development in Java - Adv	Eclipse IDE for Software Developers (TTJV72)	Mar 13
Project Management	Project Management Fundamentals (SYS110)	Apr 21
SQL Server	SQL Server: Introduction (SYS125)	Feb 20
Unix Systems	Unix/Linux Operating System (TTUN00)	Mar 4
Web Content Design	Getting Started With HTML (HTML01)	Sep 9
Windows XP and Server 2003	Windows XP Professional / Vista (WIN050)	Mar 3
XML	Creating and Validating XML (XML101)	Mar 3

Project Management Roundtable 2008 Begins March 25

Project management is now a significant contributor toward enterprise performance. While many enterprises have had project managers or leaders acting in non-official positions, today there is growing evidence that these positions are becoming part of official job titles with accompanying expectations. As the discipline and practice continues to mature, CAIT is involved with its future progress in our community.

To help St. Louis' leading IT professionals keep up with this growing body of knowledge, CAIT is offering Project Management Roundtable 2008, building upon the success of these series in previous years. The first of the 7 monthly half-day sessions will be Tuesday, March 25, 7:30-11:30 a.m. at the Eric P. Newman Center in the BJC complex, Central West End.

Project Management Roundtable 2008 will provide a forum for exchange of professional ideas and practices. The topics have been chosen from learning from past roundtables as well as a recent survey, and include: 1) Project leadership techniques for personal effectiveness; 2) Enhancing interactive communication with stakeholders; 3) Performing beyond knowledge: Developing mastery skills and a Community of Practice; 4) Selling project management to executives; 5) Establishing project requirements and judging their reliability; 6) Resolving misaligned project expectations; and 7) Emergent topic from the roundtable discussions.

For more information or to register, contact Bill Dart (billd@cait.wustl.edu, 314-935- 7575) or Tom Browdy (tbrow@wustl.edu, 314-935-5138).

Connecting with the CAIT Staff

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Database Certs (Continued from page 2)

casting and planning efforts. This certificate covers the data warehouse fundamentals, the process of setting up a data warehouse, and how to use effectively the decision support tools that work with data warehouse technology.

Database Development Using Oracle Certificate - This certificate provides students with an overview of the knowledge and skills necessary to administer or develop applications for Oracle 9i. Students will learn how to use SQL commands and the Oracle functions and operators supported by Oracle as extensions to standard

Database Certs (Continued on page 4)



Feb 21st Event (Continued from page 1)

contact us at (314) 935-4444 or EventRSVP@cait.wustl.edu.

Andy Salunga is a Senior Analyst at Forrester, where he primarily contributes in the area of Business Process & Applications. His research focuses on evolving and emerging process improvement methodologies, frameworks, and governance models. Andy also researches the process services landscape, the emerging trends in process improvement consulting, and process management tools and applications. Prior to joining Forrester, Andy was a principal analyst with CACI's defense and intelligence business and a senior consultant in Bearing Point's public sector group. He has also

served as a Lean Six Sigma Black Belt, advising clients on their Lean Six Sigma strategy development, implementations, and measurement. Andy holds a Master of Business Administration and a Master of Engineering from Vanderbilt University, and a Bachelor of Science from the US Naval Academy.

Forrester Research, Inc. is an independent technology and market research company that provides pragmatic and forward-thinking advice to global leaders in business and technology. For more than 24 years, Forrester has been making leaders successful every day through its proprietary research, consulting, events, and peer-to-peer executive programs.

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For training information, contact Madelynn Hopson at: madelynnh@cait.wustl.edu or (314) 935-5367

To register for courses, contact: training@cait.wustl.edu (314) 935-4444

signed for those interested in theory and practice of modern databases, in particular modern relational databases.

Database Certs (Continued from page 3)

SQL. They will learn the basics of Oracle's PL/SQL language and how to build Oracle stored procedures, functions or triggers. Oracle Developer courses will introduce them to a visual development tool that aids in the creation of client/server and Web applications. Oracle Administration classes will provide the necessary knowledge and skills to become a successful Oracle Database Administrator. Students learn the basic administrative tasks and tools needed to set-up, maintain, backup and troubleshoot an Oracle

database.

Database Principles Certificate - Today, companies have a need to effectively organize and analyze the enormous amounts of data available. Whether it is data stored from a Web application or data mining a data warehouse with millions of records, modern businesses revolve around databases. Managers, developers and IT professionals all need to interact with databases and have a need to know how databases work and communicate. The Database Principles Certificate is de-

SQL Server Certificate - Microsoft SQL Server is one of the most popular relational database management systems. While it has commonly been used by businesses with small to medium sized databases, its use in large enterprises continues to grow, and it has become a significant competitor to other relational database products for this market segment. This certificate track provides the foundation for its use, including development, admini-

2008 CAIT MEMBER EVENTS

UPCOMING EVENTS

Date	Topic	Presenter	Time	Location
Thu, Feb 21	IT Trends 2008	Andy Salunga	8:15-10:30am	St. Louis Art Museum
Tue, Mar 11	Unified Communication and Collaboration: Focus on Remote & Mobile Workers	Steve Cummings, Unified Comm. Spec., Microsoft	8:15-10:30am	Missouri History Museum
Tue, Apr 8	Aligning IT and Business	Steven Romero, IT Governance, CA	2:45-7:30pm	Dennis & Judith Jones Visitor Center
Tue, May 13	Lessons Learned from Offshore Outsourcing	Vasant Bennett, Barry-Wehmiller	5:30 - 8:30pm	Whittemore House
Wed, Jun 04	Business Intelligence	Alex Black, Sr. Partner Enterpr. Intel, CSC	8:15-10:30am	Whitaker Hall Auditorium
Sep TBD	TBD	TBD	8:15-10:30am	TBD
Fri, Sep 26	TBD	TBD	7:30am-5:00pm	Innsbrook Golf Resort
Oct TBD	TBD	TBD	8:15-10:30am	TBD
Nov TBD	TBD	TBD	2:45-7:30pm	TBD
Dec TBD	TBD	TBD	8:15-10:30am	TBD

PREVIOUS EVENTS

Wed, Dec 12	Taking a User-Centered Approach to Customer Self-Service	Carol Righi, PhD, Dir. User Experience, Perficient	8:15-10:30am	Eric P. Newman Educ. Ctr
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