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Welcome Letter from the IIUG President

On behalf of the International Informix Users Group Board of Directors and Conference Planning Committee, welcome to the heartland, or as we in the Informix world like to call it: the heart of Informix, the beautiful suburb of Lenexa.

This year we are excited to have Jerry Keesee, WorldWide Director of the IBM / Informix Development Lab, open our conference with a keynote that I will call "The World of Informix according to Jerry." See, last year I called Jerry a "ROCKSTAR" of the Informix world, but I made the mistake of not having him on the main stage enough, so this year he will lead us all to the Promised Land.

Later, on Monday evening, we will kick off the nightly event with Dr Arvind Krishna, General Manager of IBM Information Management, and Rob Thomas, Vice President of Business Development of IBM Information Management. These are the two people at IBM ultimately responsible for the success of the Informix business. They will tell us all of their plans for the future, and they will enlighten us and elaborate on how they are going to expand into new areas of the marketplace!

On Wednesday we will have a Q & A by three of the most important Vice Presidents to the IBM Informix World; Alyse Passarelli, VP of WorldWide Data Management sales, Inhi Cho, VP of Information Management Product Strategy, and once again Robert Thomas, Vice President of Business Development. Gary Ben-Israel of the IIUG Board of Directors will host the session, and the group will entertain our questions. Questions may be submitted in advance at the conference registration desk, or you may come with your questions in hand and we will supply the microphone!

I’d like to say a special thank you to many people for their help in making this event possible, all of whom are here: the entire IIUG Board, and the Conference Planning team of Rhonda Hackenburg, Walt Hultgren, June Hunt, David Link, and Kernoal Stephens. Also, from IBM: Cathy Elliott, Jerry Keesee, Pradeep Kutty, Al Martin, Gayathri Magie, and Terri Gerber. Thanks go to all the speakers and sponsors who have made this event possible, and to the great people of the Overland Park Marriott who have delivered us a conference site with NO construction!

This year we are pleased to welcome some new sponsors to the conference. The man behind the sponsors, Bruce Simms, deserves a special THANK YOU for bringing us not only sponsors from past years but new sponsors – all of whom offer products and services that make our jobs easier. Please be sure to visit all our sponsors. Not only do they have interesting things to offer, but these folks also deserve special thanks for allowing us to keep the price of this conference so low.

Also deserving special recognition are Tammy Frankforter, James Edmiston, and Cindy Lichtenauer. Tammy took on the task of overseeing the entire conference schedule and sessions last year, and she has once again done an amazing job this year. It is one of the toughest jobs of this event, and she has made sense where sometimes none exists. To James Edmiston, thank you for being the backbone of the entire team, keeping us on track and organized. Last year I said that James was the most organized person you will ever meet, and I meant that. Finally special thanks go once again to the person who keeps me sane (and sometimes makes me insane), but from the bottom of my (fixed) heart, Cindy Lichtenauer, THANK YOU for always being there and being the person behind the curtain doing whatever needs to be done.

I will finish by saying welcome to Kansas and welcome to the conference. Look around you—you’re surrounded by the best and brightest Informix people in the world, On behalf of the IIUG Board of Directors, the outstanding Conference Team, and all the speakers, sponsors and attendees, please take this opportunity to learn, network, make new friends, and enjoy this wonderful event.

Stuart Litel
President
Welcome Letter - Jerry Keesee, World Wide Director, IBM Informix Software

Welcome to the third annual International Informix User Group Conference. We hope you enjoy your time in Overland Park, Kansas – just down the road from one of our R&D labs in Lenexa, Kansas. We appreciate that the IIUG planning committee chose this location again, which allows so many of our team to participate in the conference and meet all of you.

The IIUG has developed an excellent program for the conference, with a wide variety of technical content from well-known experts in the Informix community. You will also have a number of opportunities to hear from IBM executives, including Arvind Krishna, General Manager, Information Management and Rob Thomas, Vice President Business Development, Alyse Passarelli, IBM WorldWide Database Vice President of Sales, and Inhi Cho, IBM WorldWide Vice President of Database Marketing. On Wednesday, bring your questions for Rob, Alyse and Inhi for an interactive Q&A session, or request an executive meeting with them during the week.

I hope you take time to ‘Discover the new face of Informix’ and learn more about the latest technology and Informix plans throughout the conference. Let’s take advantage of this opportunity to interact with each other this week. We’ll be asking for your specific feedback at these sessions led by IBM Informix representatives:

- Industry Roundtables during lunch on Tuesday
- Birds of a Feather sessions late Tuesday afternoon
- Usability Sandbox feedback sessions throughout the week
- Panther sessions on Tuesday afternoon and Wednesday morning

The local engineering and support staffs have been invited to the Monday night reception, and they are eager to learn how you use the product they work on every day. Don’t miss the demos we have planned in the exhibit hall – there will be new ones every day. Check the demo schedules and sign up for the Panther and Usability sandbox sessions at the IBM Information table just outside the exhibit hall.

I’d like to extend a special invitation to the IBM Client Reference Lounge on Monday and Tuesday from 4:00 PM to 5:30 PM and on Wednesday from 11:30 AM to 3:30 PM on the 9th floor of the hotel. Take a break from the conference and learn about IBM’s Client Reference Program and how you can receive a special gift. At the IBM information table you can also schedule a private conversation with any of us to discuss your company’s specifics needs, or dive deeper into how the technology you see this week can work for your business.

Have a great conference!

Jerry
2010 IIUG Informix Conference Planning Committee

James Edmiston  
*Quest Information Systems, Inc.*  
Burke, Virginia, USA

Walt Hultgren  
*Yerkes Research Center of Emory University*  
Atlanta, Georgia, USA

Cindy Lichtenauer  
*Advanced DataTools*  
Lenexa, Kansas, USA

Tammy Frankforter  
*Anchorage School District*  
Anchorage, Alaska, USA

June Hunt  
*Tyler Technologies, Inc.*  
Portland, Maine, USA

Bruce Simms  
*TALX Corporation, a Division of Equifax*  
St. Louis, Missouri, USA

Rhonda Hackenburg  
*Pennsylvania Continuing Legal Education Board*  
Harrisburg, Pennsylvania, USA

David Link  
*West Corporation*  
Omaha, Nebraska, USA

Kernoal Stephens  
*CIDC*  
Memphis, Tennessee, USA

2009–2010 IIUG Board of Directors

Gary Ben-Israel  
*NITE*  
Israel

Tammy Frankforter  
*Anchorage School District*  
Anchorage, Alaska, USA

Al Martin  
*IBM*  
Lenexa, Kansas, USA

Miguel Carbone  
*MC IT Solutions*  
Sao Paulo, Brazil

Art Kagel  
*Advanced DataTools*  
New Jersey, USA

Jean Georges Perrin  
*GreenIvory*  
Haguenau, France

Sérgio Ferreira  
*Moredata*  
Lisbon, Portugal

Cindy Lichtenauer  
*Advanced DataTools*  
Lenexa, Kansas, USA

Kernoal Stephens  
*CIDC*  
Memphis, Tennessee, USA

Andrew Ford  
*NetworkIP*  
Austin, Texas, USA

Stuart Litel  
*Kazer Technologies*  
Boston, Massachusetts, USA

Kate Tomchik  
*The Home Depot*  
Atlanta, Georgia, USA

Elected for IIUG Board Term 2010–2011

Bruce Simms  
*TALX Corporation, a Division of Equifax*  
St. Louis, Missouri, USA
General Information

Overland Park Marriott
Renovations that were in full swing at last year’s Conference are completed. The Marriott has several restaurants, a spacious lounge for gathering, and many amenities for an enjoyable stay.

Conference Admittance
All attendees receive a Conference badge at the time of registration. You must present this badge to participate in all Conference functions: tutorials, hands-on labs, technical sessions, keynote presentations, the exhibit hall, scheduled meals and evening events.

Food and Drink
The Conference package includes all meals, beverages and snacks. Meals included with the package begin with the Sunday night reception and continue through the Wednesday afternoon snack. You must wear your conference badge to all meals.

Sunday Tutorial Meals
Morning tutorial attendees are entitled to breakfast ONLY, and afternoon tutorial attendees are entitled to lunch ONLY. Full-day tutorial attendees are entitled to both breakfast and lunch. You will receive a special ticket for admittance to your Sunday meals in your registration packet.

Conference Materials
PDFs of the speaker presentations are available for download. Log into the Member area on the IIUG web site, or go to the direct link at http://www.iiug.org/members. Click on the 2010 IIUG Conference button to download the conference proceedings. The link will only be visible if your conference registration email address is the same as your IIUG Member email address. If you are unable to see this link, please come to the Conference Registration desk for assistance.

Conference Evaluations
Your feedback matters! Please take a few moments at the end of each session to fill out a Session Evaluation form.

At the end of the Conference, we will ask you to complete a short survey on the Conference. Completed forms will be entered into a drawing for a chance to win a conference pass to the next Conference. Join us at Wednesday’s lunch to see if you are the winner!

Wireless Internet
IMPROVED THIS YEAR! The IIUG Conference Committee heard your complaints, and contracted with an outside vendor to provide faster and more reliable service. This service will only be available in the Conference area, not in your rooms or elsewhere in the Marriott. You will still be able to access the Marriott Internet under the Hotel guidelines. ENJOY!

Personal Expenses
Attendees are responsible for all personal expenses, and must settle with the hotel prior to their departure. All rooms include free in-room internet, but do not include use of the telephone services. For information on telephone charges, consult with the Hotel Front Desk.
Conference Highlights

Birds-of-a-Feather Sessions
Attend one of these focused but informal discussions to ask questions, share your ideas, and hear what others have to say. These sessions take place Tuesday evening. See Page 14 for more details.

Certification Testing
Certification testing is available during all conference hours, except during the general sessions. Please visit the certification center in the Marriott Sunflower room just past the hotel front desk. The entire IM certification portfolio, as well as assessment exams, are available free of charge. You may take as many certifications exams per day as you would like, subject to IBM Certification rules. Consult with the IBM Certification staff for exact hours, length of tests and any requirements. You must provide photo identification to sit for a test. Special thanks to Susan Dykman of IBM for all her help!

Informix exams available:
- Database Associate – IBM IDS V 11.5 Fundamentals
- Solutions Expert – IBM IDS V9 – System Administrator
- Solutions Expert – IBM IDS V7 – System Administrator
- Solution Expert – IBM Red Brick V6 – System Administrator
- Solution Expert – Informix 4GL Development
- System Administrator – IBM IDS V10 – System Administrator
- System Administrator – IBM IDS V11 System Administrator

Hands-On Labs
NEW for 2010! Learn new tips and tricks by taking an interactive mini-course. IBM will provide the laptops, the experts, the VMware images and course material. Seating is limited, so sign up early. For a list of topics, see Page 12.

Evening Entertainment
Your conference badge is required for admittance. Each evening event will include an open bar for beer and wine, with the exception of the Trivia event, which will be a cash bar.

Welcome Reception
Sunday, April 25
6:00 PM – 8:00 PM
The welcome reception offers the best opportunity to reminisce with old friends, make new acquaintances, and chat with conference sponsors and Informix vendors while enjoying excellent food and beverages.

X-Treme Team Trivia
Sunday, April 25
8:30 PM – 11:00 PM
Are you a wealth of useless information? Or do you know someone who is? Build your team and join in the fun. X-Treme Team Trivia topics range from music, movies, history and Informix.

Networking Event: Meet the IBM Developers & Support Engineers at the Safari Adventure
Monday, April 26
7:00 PM – 9:15 PM
Learn more about the new face of Informix as you meet with Informix speakers, developers and support staff. This is your best opportunity to discuss Informix with those who know it best!

Then enjoy the music of the Informix band “Hash Set,” as they play a variety of music styles including Rock ’n Roll and the Blues. Get your Safari passport stamped by the Informix sponsors to be eligible to win one of several great prizes.

Casino Night
Tuesday, April 27
6:45 PM – 10:00 PM
Casino night was so popular last year that we are bringing it back. The evening begins with dinner at 6:45. Games start at 7:00. There will be special prizes, including a free IIUG 2011 Conference Registration pass for the top winners. Join us for a fun night!
Exhibit Hall
The exhibit hall is a very important component of the Conference. The sponsors have a lot to offer the Informix community, and we encourage you to spend time with them. Remember to wear your badge. The exhibit hall will be open "officially" during the hours listed below:

**Sunday, April 25**
- 6:00 PM – 8:00 PM  Opening Reception

**Monday, April 26**
- 11:30 AM – 1:30 PM  Lunch
- 7:15 PM – 9:15 PM  Safari Adventures

**Tuesday, April 27**
- 11:30 AM – 1:30 PM  Lunch
- 6:45 PM – 10:00 PM  Casino Night

**Wednesday, April 28**
- 11:30 AM – 1:30 PM  Lunch

Early Validation Program – Special Sessions for Panther
Have you heard about the "Panther" release that is coming soon to the IBM Informix product? If you haven't already signed up, stop at the IBM Information desk to learn more. There will be special sessions to meet with the engineering team, and get a technical preview of features planned in this next Informix release. You will also have the opportunity to get early access to the Informix Panther product, so you can try out the new functionality. These sessions will have limited seating, and require a non-disclosure agreement. You may also request a private meeting with members of the IBM Informix team to discuss how these new features can be applied to your environment.

Meet with an IBM Executive or Architect
IBM Informix R&D and Support engineers look forward to talking with you at the conference. Take advantage of the networking opportunities throughout the conference. Set up a one-on-one private discussion with an IBM Informix executive or architect by signing up at the IBM Information table, in the hallway just outside the Exhibit Hall.

IBM Client Reference Lounge
When you need a break from IIUG Conference activities, plan to visit the IBM Client Reference Lounge. Relax in a comfortable area, meet with peers and colleagues, and take advantage of casual networking opportunities.

IBM Client Reference Lounge is located on the 9th Floor of the Overland Park Hotel.

**Hours are:**
- Monday – Apr 26 4:00 pm – 5:30 pm
- Tuesday – Apr 27 4:00 pm – 5:30 pm
- Wednesday – Apr 28 11:30 am – 3:30 pm

For more information about the Client Reference Lounge, and to sign up for an opportunity to tell your Informix success story and receive a complimentary Thank You gift, simply stop by the IBM Information Table directly outside the Exhibit Hall.

Industry Roundtables
Grab an industry sticker for your badge at the registration desk or IBM Information desk to identify your focus industry. Take this opportunity to network with others in your industry throughout the week. At lunch on Tuesday, there will be focused Industry Roundtable discussions. Tables will be designated by industry, and an IBM representative will lead an informal discussion about industry issues, pain points and what IBM is focusing on for that industry. Tables will be available for Retail, Telecommunications, Government, Financial Services, Healthcare, and Gaming.

Product Demonstrations
Don't miss the opportunity to learn more about IBM products and solutions from the people who built them. Let the experts take you through the latest enhancements, functionality, and tips for optimization. Get more information at the IBM Information Table.
Usability Sandbox

Be sure to sign up for a session in the Informix Usability Sandbox, where IIUG attendees can help shape and improve the usability of Informix. You can make a difference and influence future product direction by participating in one-on-one usability studies, group presentation/brainstorming sessions for gathering requirements, or group validation sessions of current and future Informix features from your perspective. This year the Usability Sandbox will address topics such as schema and space management, up-and-running experience, deployment, and the information/resources you need from IBM to successfully deploy and maintain IBM Informix. Sign up at the IBM Information Table for a session that fits your schedule!

Exhibit Hall Demos

Visit the IBM booth to talk with product experts and see demonstrations of Informix in action with the latest Informix technology. See how these new features can save you time and money. Explore the latest administration savings features in the OpenAdmin Tool. See the Informix Cluster Configuration in action with the latest IBM hardware. Learn about the latest warehousing and compression features, and how Informix can be exploited in virtualized and cloud environments. Find out how Informix is integrated with other IBM products, such as solidDB®, Optim®, Mashups, and the latest 3D internet solution from Lotus®, that can bring value to your solutions. The demo times are posted at the IBM Information Table, where you can also sign up for a private demo session.
Sunday Tutorials

- Quail Creek I Tutorial Classroom
- Quail Creek II Tutorial Classroom
- Quail Creek III Tutorial Classroom
- Quail Creek IV Tutorial Classroom

GRAND BALLROOM

- Salons ABCDE
- Exhibit Hall Setup
- Evening Reception (Open up Salon F)
- Salons D
- Salons E
- Salons C
- Salons B
- Salons A

Doors to side parking lot

Hallway

Front Lobby
Registration - Coat Room

Certification setup
Sunflower Room (First Floor Behind Hotel Registration)
Monday - Wednesday

- Salons G & H Presentation Room
- Salons I & J Presentation Room
- Salons ABCDEF – Exhibit Hall
- Sunflower Room (First Floor Behind Hotel Registration)
- Registration - Coat Room
- Exhibitors
- Monday-Wednesday General Sessions
- Breakfast and Lunch
- Sunday and Monday Evening Receptions

- Quail Creek I & II Presentation Room
- Quail Creek III Presentation Room
- Quail Creek IV Presentation Room

- Doors to side parking lot
- Front Lobby
- Hallway
General Sessions
All General Sessions will take place in the Exhibit Hall.

Monday, April 26

8:00 am – 9:10 am

Informix Roadmap
Jerry Keesee, Director of Informix Database Development – IBM

Jerry Keesee leads the Informix database portfolio software development efforts. Since joining IBM in 2001, Jerry has led his team in multiple releases of IBM Informix Dynamic Server as well as other products in the portfolio.

Prior to joining IBM, Jerry spent eight years with Informix where he was Vice President of Database Development. Jerry has more than 25 years of experience in leadership roles in the software industry. Jerry received a degree in computer science from Missouri Southern State College.

6:00 pm – 7:00 pm

Monday Evening Networking Event
Dr. Arvind Krishna, General Manager, Information Management – IBM

Dr. Arvind Krishna is General Manager IBM Information Management and has responsibility for WW development for Information Management Software within IBM Software Group. Dr. Krishna defines the business & technical strategy, and is responsible for the development, delivery, sales, and ecosystem of the data management segment, a multibillion dollar market for IBM.

Previously, Arvind was the VP, Strategy for IBM Software Group. Arvind has been in many other key roles within both IBM Software and IBM Research, e.g. defining and leading the security software segment. Arvind has an undergraduate degree from the Indian Institute of Technology, Kanpur and a Ph.D. from the University of Illinois at Urbana-Champaign. He is the recipient of a distinguished alumni award from the University of Illinois, and is the co-author of 15 patents.

Wednesday, April 28

8:00 am – 9:10 am

Q & A with IBM Informix Executives

After a short introduction of each speaker, questions will be taken from the audience.

Panelist
Alyse Passarelli, Vice President, Worldwide Data Server Sales – IBM

Alyse Passarelli is Vice President of IBM’s Worldwide Data Server Sales, as part of the IBM Information Management division with responsibility for the DB2, Data Warehousing, Informix, Optim, and distributed tools portfolio. Prior to this assignment, Ms. Passarelli was Director, WW Information Management Technical Sales for IBM’s Software division.

Ms. Passarelli joined IBM’s Systems Group in 1989 as a software engineer in Poughkeepsie, New York and held a number of programming and management positions before joining Software Group in Silicon Valley Lab in San Jose, California in 1999.

As part of Software Group, Ms. Passarelli held a number of senior management positions within IMS and DB2 development before returning to New York as the executive assistant to Ms. Janet Perna, General Manager of Information Management.
Ms. Passarelli is a graduate of Pace University and holds a MS degree from Rensselaer Polytechnic Institute. Ms. Passarelli resides in Somers, New York with her husband and two children.

Panelist

Inhi Cho Suh, Vice President, Information Management Product Strategy, IBM Software Group

Inhi Cho Suh is the Vice President, Information Management Product Strategy in IBM Software Group, where she is responsible for all worldwide marketing strategy, product messaging, industry solutions, channel marketing and influence marketing. IBM's Information Management division is comprised of DB2, Informix, InfoSphere, Filenet, and Cognos brands.

Inhi began her career with IBM in 1998, joining the worldwide customer set strategy team for IBM's Person Systems Group. She then went on to hold a variety of leadership and management positions focused on strategic growth, development and marketing. Most recently, Inhi was the vice president of IBM's Data Management Software Business, where she was responsible for all worldwide marketing activities for IBM's DB2, Informix and IMS database servers, data warehouse offerings, and the family of data management tools and solutions.

Prior to joining IBM, Inhi was a consultant in the education sector focused on international student teaching and counseling for university and professional institutions. Inhi received a Bachelor of Science from Duke University and a Juris Doctorate from North Carolina Central University School of Law. She is a licensed attorney in the state of North Carolina.

Panelist

Rob Thomas, Vice President, Business Development, Information Management Software Division – IBM

Rob Thomas is Vice President of Business Development in IBM's Information Management Software Division. He is based in Somers, NY, and brings experience in management, business development, and consulting in the high technology and financial services industries. He has worked extensively with global businesses and his background includes experience in business and operational strategy, high technology development and engineering, manufacturing operations, and product design and development consulting. Prior to his current role, Rob led IBM's Microelectronics business in Asia Pacific. Prior to that, he was an Associate Partner in IBM Global Business Services.

Moderator

Gary Ben-Israel, CIO, NITE

Gary has been working in the computer software field since 1977, 17 years of which have been as an Informix DBA. He is also an Architect and Application developer in 4GL and in Java. Gary is the CIO of the National Institute for Testing and Evaluation in Israel.

He was part of the team that developed the system administrator's test for IDS 11.10, IDS 11.50 and the Fundamentals test for IDS 11.5. He has participated in the closed Beta for IDS 10, IDS 11.10, IDS 11.50 and Panther. He is a member of the IIUG Board of Directors, is the IIUG Insider Editor, and is an IBM Information Management Data Champion.
Hands-On Labs

IBM will provide the laptops, the experts, the VMWare images and the course material.

Each topic takes about 40 minutes and includes several different exercises or demos. This is a come-and-go activity, as space is limited.

The lab is located between Nikko Japanese Steakhouse and Epicure.

Monday, April 26

9:30 pm – 12:30 pm

HOL1: Using Optim Test Data Management Solution with Informix Dynamic Server
Adam Hattrell, IBM
Location: Board Room

An overview of how Optim Test Data Management can be used to create and maintain test data for Regression, Performance or other testing. I will also demonstrate how the Optim Data Privacy Solution can be used to mask sensitive or confidential data as part of this process.

1:00 pm – 4:00 pm

HOL2: Everything You Wanted to Know About... CAF, Connection Manager, and Failover
Ron Privett, IBM
Location: Board Room

This Hands-On Lab will cover the basics about CAF, Connection Manager, and Failover. It will also go in depth into the various configurations and connection scenarios that CAF and multiple Connection Managers allow. A failover lab will also show how resilient a CAF cluster can be.

Tuesday, April 27

8:30 pm – 11:30 pm

HOL3: IDS in Cognos Express: Embedding IDS case in point
Tosin Ajayi, IBM; Sara Forghanizadeh, IBM
Location: Board Room

IBM Cognos Express (CX) is a self-contained Business Intelligence solution designed for analysis and planning. It is strategically designed and positioned to meet the needs of midsize companies. With this comes the need for a fully capable, embeddable, yet relatively lightweight RDBMS to serve as Cognos Express content store. As a self-contained Solution, CX embeds IDS as the default content store for a prime out-of-box experience to store and manage metadata to be used to generate and analyze reports. IDS is IBM’s flagship database solution for industrial-strength, embedded computing and aims to function well in a wide range of embedded environments. It is well suited for CX for this purpose. This session covers aspects of IDS’s embeddability, experiences and challenges faced by CX, and how they were overcome; including the SQL Admin API, creation and utilization of tasks and sensors, CX deployment considerations, and Performance tuning.

1:00 pm – 4:00 pm

HOL4: Administrating IDS HA and Replication Environment
Prasad Mujumdar, IBM
Location: Board Room

Administering a complex cluster can be a very challenging task for a DBA. This tutorial will guide you through a full process of building, breaking and rebuilding the IDS CAF/Mach11 cluster. You will create a primary node and multiple secondaries, set up the connection manager and run some sample applications. Then you’ll simulate system failures and perform automated, as well as manual, failovers. To add more fun, you will set up multiple clusters and connect those using Enterprise Replication (ER), then simulate...
outages in multiple clusters and learn how to configure things to handle those automatically.

**Wednesday, April 28**

**9:30 pm – 12:30 pm**

**HOL5: IDS in the Cloud**  
_Yunming Wang, IBM_  
Location: Board Room

This hands-on lab will help IDS users get started with one of the IBM offers in the virtualization and cloud computing arena. Attendees will get hands-on experience with the IDS virtual appliance in the Smart Business Development & Test on the IBM Cloud. Topics will include the IDS virtual appliance desktop environment, launching a developer cloud instance and connecting with SSH and VNC, creating a web service with Data Studio 2.1, High Availability failover between cloud images, setting up SDS on a single cloud instance, and setting up the Informix Connection Manager.

**1:00 pm – 4:00 pm**

**HOL6: Up Close and Personal with IDS 11.50 Features**  
_Sanjit Chakraborty, IBM_  
Location: Board Room

Get some hands-on experience with recent IDS 11.5 features, including transaction rollback estimates, dynamic listener threads, taking backups on your RSS server, Attach/Detach – Automatic transaction rollback, reverting from a failed upgrade, external tables, deployment utility, forced server shutdown, the new MERGE SQL statement, and data compression.
Birds-of-a-Feather

Join your peers for an informal discussion, led by a Subject Matter Expert. BoFs are a relaxed way to discuss technical topics, share information and ideas, and get answers to your toughest questions.

Tuesday, April 27

4:40 pm – 5:40 pm

**BOF1: Fastest Informix DBA Contest - The Results**  
*Leaders: Lester Knutsen, Advanced DataTools Corp; Scott Lashley, IBM*  
*Location: Quail Creek I & II*

Fastest Informix DBA Contest winners will describe how, why and what they did to make it run faster. They will review the Informix ONCONFIG file changes and tuning, the setup of dbspaces and partitions, and the tuning of the SQL job itself.

**BOF2: Open Source**  
*Leader: Jacques Roy, IBM*  
*Location: Salons G & H*

This session will discuss some open-source products that could support Informix in the future. It will explain the difference between various open-source products, and make the distinction between tools and applications.

**BOF3: Replication and Availability**  
*Leader: Madison Pruet*  
*Location: Salons I & J*

This will be a combination panel and Birds-of-a-Feather discussion covering the availability features that are part of IDS. Topics will include the MACH11 cluster (HDR, RSS, SDS) and Enterprise Replication. Each of the panel members will discuss their environment and their experiences in using the availability solutions provided by Informix.

**BOF4: Warehouse and Business Intelligence**  
*Leader: Frederick Ho, Informix Development*  
*Location: Quail Creek III*

Join the discussion about the data warehouse capabilities and business analytics available with Informix now and what is in the future roadmap. Whether you already use Informix as your data warehouse, or if you are planning to do more in the future, bring your questions and discussion topics to get input from the experts.

**BOF5: Zero Admin**  
*Leader: Guy Bowerman, IBM*  
*Location: Quail Creek IV*

How much time do you spend on administrative tasks for Informix? Learn some of the tricks and tips to reduce and eliminate administration time, and find out best practices and techniques from other Informix customers, including those who embed Informix and virtually eliminate administration requirements.
Technical Sessions

Monday, April 26

9:30 am – 10:30 am

A01: Data Modeling
Jack Parker, Cisco Systems
Location: Quail Creek III

The data model is the foundation for a successful data based solution. It is something we in the database community have taken for granted over the years, and usually only perform as a matter of documentation. However, the data modeling methodology does some very useful things in the database design process; validating our design, catching errors and suggesting processes we will need. This talk will focus on the methodology and demonstrate the usefulness of data modeling from the ground up (instead of the usual 'after the fact').

B01: Best Practices for Running Informix Instances in a VMware ESX Server Environment
Sreeni Paidi, IBM IM Technology Ecosystem
Location: Quail Creek IV

A virtualized infrastructure can provide transformative cost savings to the dynamic data center while increasing serviceability, efficiency, and reliability. The objective of this presentation is to discuss best practices in configuring and scaling Informix database instances in a VMware ESX 4 environment. We will discuss how to leverage the benefits of server virtualization to achieve near-native database performance with minimal overhead. We will also talk about how you can gain throughput scalability by running multiple virtual machines on a single physical server.

C01: An Introduction to the New Features in IDS 11.5
Kevin Brown, IBM
Location: Salons G & H

Learn about the new features and benefits of version 11.5 of the Informix database server.

D01: Getting the Best out of Support
Pradeep Kutty, IBM; Charles Gonsalves, IBM
Location: Quail Creek I & II

Getting the best out of support is a non-technical session that will focus on how to effectively engage the WW Informix support organization and take advantage of all the resources available. This will cover our client self-assist options, how to use the web including My Notifications, dial in options via AOS, using our Must Gather documents and IBM Support Assistant.

E01: How IBM solidDB In-Memory Database Technology Benefits Informix Users with Extreme Speed
Ari Valtanen, Information Management
Location: Salons I & J

solidDB Universal Cache relies on relational, in-memory database technology to achieve throughput of tens-to-hundreds of thousands of transactions per second with response times measured in microseconds. Leveraging this in-memory technology, solidDB Universal Cache can accelerate Informix Dynamic Server by caching performance critical data stored in IDS into solidDB Universal Cache. This presentation will introduce and explain solidDB relational, in-memory technology, including how the out-of-the-box integration and synchronization works between IDS and solidDB Universal Cache. It will provide benchmark information measuring throughput and latency, showing how solidDB provides both high throughput and low latency to address data access requirements in communications, financial services, e-commerce, and other performance critical markets. Finally, it will present client use cases in which solidDB Universal Cache and Informix are working together today.
10:45 am – 11:45 am

A02: Everything You Wanted to Know About External Tables in IDS
*Khaled Bentebal, ConsultiX*
Location: Quail Creek I & II

Informix IDs 11.50.XC6 introduced a great new feature allowing the use of External tables for the purposes of loading and unloading data using SQL in an easy and very performing manner. Discover the differences with the many existing loading/unloading tools: unload/load using SQL, dbload, dbexport/dbimport, onunload/onload and HPL. How are external tables used, managed in the data dictionary, managed in the dbspaces (chunks), used by the dbschema and dbimport/dbimport tools. Which use cases are beneficial for both operational as well as data warehouse type of systems. Generating XML using external tables. Some performance comparisons with other available tools will be presented. The following aspects of external tables will be covered: locking, transactions, ontape/onbar, security, MACH11, update statistics, and more.

B02: Understanding Information Governance
*Unknown or TBD*
Location: Quail Creek III

There are many facets to information governance with an overall goal of ensuring success. Information governance enables an organization to best manage information’s lifecycle, quality and privacy and protection, which are all critical to providing trusted information back to the business.

C02: Disposable Dashboards - Mix and Mash Dashboards in a Day with Informix and IBM Mashup Hub
*Rajesh Nair, IBM*
Location: Quail Creek IV

Ever wanted to quickly put together a dashboard view of your data from your IDS data source? With IBM Mashup Center, you can create dynamic, situational applications using data from IDS and other sources without a single line of programming. This presentation will cover the concept of mashups and situational applications, discuss the business scenarios for building situational apps, and walk through the process of building mashups with an IDS data source using a real business scenario.

D02: New Replication/Availability Functionality since 11.50xC1
*Madison Pruet*
Location: Salons G & H

This talk will describe the functionality that has been added to replication and clustering since the release of 11.50xC1.

E02: Climbing the Performance Pyramid
*Spokey Wheeler, IBM SWG*
Location: Salons I & J

Last year, Spokey won the overall title of the world’s fastest Informix DBA at IIUG 2009. This presentation will talk about some of the tricks and techniques he used so that you can use them to speed up your environment. The focus is not on the competition itself, but rather on some of the obvious and not-so-obvious things that you can do to make your own systems run better. The presentation will consider all aspects of performance and show how to prove that you have made things better.

1:00 pm – 2:00 pm

A03: Physical Database Design: Best Practices
*Tom Girsch, Hilton Worldwide*
Location: Salons G & H

This session will cover best practices for implementing a physical database design that leverages the best of what Informix Dynamic Server has to offer. Topics covered will include disk layouts, critical space management, optimizing table and index layouts for best performance and availability, table and index fragmentation strategies, and other various best practices.
B03: Development of DataBlades for Managing Scientific Data
Mike Dunham-Wilkie, Barrodale Computing Services
Location: Quail Creek III

While DBMSs are ubiquitous in the world of business, they are not often used by the scientific community. Commercial DBMSs are not geared to scientific computation; they lack the structured data types (e.g. multidimensional arrays) often used in science, and they lack good support for multidimensional measurement applications (e.g. sensors).

In this presentation we will talk about our experiences in developing two dataBlades that are geared specifically to scientific applications. One is a dataBlade for gridded data (e.g. large weather models). It makes use of tiling, along with the DataBlade API’s ability to manipulate smart large objects using random access, to make access to specific parts of a large grid very efficient.

The other dataBlade handles general data sequences. It includes a new datatype that groups an arbitrary number of individual measurements in a single highly compressed data object, thereby significantly reducing load times, space consumption, and query times.

C03: Accelerating Your Business with IDS
Srinivasan R. Mottupalli, IBM
Location: Quail Creek IV

Is your Informix database being used to its full potential? Come and learn how you can use the new IDS 11.50 features to get maximum ROI to enhance your applications. This session will cover the aspects and usability of some of the data warehouse friendly features and others for effective and easy application development. These features can minimize code in existing applications and provide flexibility to push some of the data management operations from the client to the server for better control, ease of maintenance and automation.

D03: The Autonomics of Informix Dynamic Server 11.5
Rakesh Naik, IBM
Location: Quail Creek I & II

The multithreaded architecture of Informix Dynamic Server creates a dynamically scalable database environment that remains unmatched by its competitors. This in turn has helped create a minimal database administration environment - near administration free! Recently, new IDS 11.5 features and tools have further promoted the concept of autonomic IDS database administration. This presentation will discuss the dynamically scalable IDS features and how they help facilitate a hands-free administration zone. Dynamic or autonomic features affecting memory, thread, process, and disk management will be the major areas of focus. A brief discussion on some of the new administration tools will also be covered.

E03: Using IDS with the Go Programming Language
Jonathan Leffler, IBM
Location: Salons I & J

A brief explanation of what Google's new Go programming language is, along with a description of one way to use it to access IDS.

A04: Combining HDR and ER for the Ultimate HA Production Environment
David Summers, Equifax
Location: Salons I & J

Combine two mature High Availability products to give your organization the ultimate HA production environment by utilizing both ER and HDR. Prior to version 11, you had to choose either ER or HDR for replicating data. Now you can use both to create a robust production environment. This session will review the steps required, lessons learned, and provide you with tools and shortcuts to make the setup as painless as possible. We will show you how to perform a planned switchover and how to set up the sqlhosts and web applications for automatic switchover to the standby.
B04: Using EXPLAIN_SQL with Any Tool
Fernando Nunes, IBM
Location: Quail Creek III

IDS 11.50 introduced a feature that allows us to obtain a query plan in XML format. Unfortunately there aren’t many tools that can take advantage of that. The proposition is to use the same function, but to obtain the traditional text query plan. This can be done using other IDS functionalities, like XSLT transformation and user defined routines (UDRs).

C04: Optimistic Concurrency in IDS
Prasad Mujumdar, IBM
Location: Quail Creek IV

Informix has traditionally supported lock-based concurrency control. In an environment with a large number of users updating few tables, locks become a performance bottleneck and affect the response time. IDS 11.10 and 11.50 introduced new isolation levels and row versioning to support optimistic concurrency. This session will discuss how last committed isolation and version columns can help you to speed up your applications. It will help you understand the benefits of last committed isolation level and how to avoid update locks using the version columns. The updatable secondary server internally uses optimistic concurrency mechanism. This session will provide an overview of locking and concurrency in updatable secondary servers.

D04: OAT: Behind the Scenes
Erika Von Bargen, IBM
Location: Salons G & H

Go behind the scenes to see how OAT interacts with IDS. This session will explore some of the newer features in OAT (e.g. Compression, the ER Plug-in) in a case study format to show how OAT interacts with the IDS server underneath the covers. By focusing on a few OAT features in depth, we will explore how OAT uses a combination of the system catalog tables, the SQL Admin API, and the Database Scheduler to expose IDS features in a GUI tool.

E04: Building Data Warehouses with IBM Informix
Lester Knutsen, Advanced DataTools Corp
Location: Quail Creek I & II

Informix is a great data warehouse server and is used by many customers as a warehouse database. With the new Informix Warehouse Features from IBM it is an even better tool. This session will focus on our experience with building warehouses, best practices for warehouse development and the exciting new features added in the Informix Warehouse Feature.
A05: Implementing SDS (Shared Disk Secondary) Tips and Tricks  
Jeff Filippi, Integrated Data Consulting, LLC  
Location: Salons G & H

Have you implemented SDS (Shared Disk Secondary) or thought about implementing SDS? Well I will discuss:
- Why you need to implement SDS
- Potential changes needed for your application
- Monitoring SDS environments
- Issues I have come across in SDS implementations

B05: Using Open Source Languages with Informix Databases - Part 1  
Darryl Priest, Advanced DataTools Corp.; Tom Beebe, Advanced DataTools Corp.  
Location: Salons I & J

First we will cover some basics of the 4 languages in question, Perl, Python, PHP and Ruby. We will then address several different tasks and show how to accomplish those tasks in each of the languages. We'll do a data load into a database table from an input file. We will show database insert, updates and deletes. We'll also show how to create a simple web application interacting with the database using each language.

C05: Always Online: Modifying Your Server and Database Schema While Keeping Your Apps Online  
Uday Kale  
Location: Quail Creek I & II

The presentation will focus on features added to IDS that allow schema updates to be done online, such as create/drop index online, online repack/compression, enhanced attach/detach of fragments, the ability to schedule update stats, auto reprepare, and the online reconfiguration of certain server parameters. These features have been a boon to those customers who want 24x7 availability and cannot take big downtimes on their systems for regular schema updates, common DBA tasks, application changes, or unforeseen circumstances, some of which are required to enhance OLTP performance and server throughput.

D05: Using the IBM Support Assistant for Performance Tuning  
David Jay, IBM Corporation  
Location: Quail Creek III

For some time now, Technical Support has provided a really useful tool for collecting troubleshooting data for specific Informix problems, including Performance tuning. Typically this is collected by customers and forwarded to support, in order to diagnose and treat various issues. Even if you are not planning to forward the information to support, the collection tools in this suite of scripts can be used to help determine ways to improve performance. This session will focus on what you can do with information from 'I-Collect General Performance Tuning'.

E05: IDS Security Best Practices: PCI Compliance  
Jonathan Leffler, IBM; Mark Jamison, IBM Information Management  
Location: Quail Creek IV

Understand how IDS can help you achieve PCI compliance, and some of the issues faced by an organization seeking PCI compliance for the first time.

A06: To Log or Not to Log, Everything About Database Logging  
Jeffrey Bohm, Data Management - IDS  
Location: Quail Creek III

Logging is an intricate part of IDS. The logging mode selected for a database impacts many things including: configuration, users, transactions, recovery, and other feature use, just to name a few. With its far-reaching impact, it is important to understand which logging mode is right for the job. This session will introduce the different logging modes, discuss the advantages and disadvantages of each mode, and show how each mode impacts the rest of the server. Using a wrong configuration can spell disaster for a DBA. Learn how to be sure this doesn’t happen to you. We will also talk about how the logging mode can be changed at various levels to meet different needs.
B06: Using Open Source Languages with Informix - Part 2
G5Darryl Priest, Advanced DataTools Corp.
Tom Beebe, Advanced DataTools Corp.
Location: Salons I & J

This is the second half of a two-part presentation. See Session B05 for details.

C06: Beyond Mach 11 and Compression – the 'Forgotten' Features and Add-Ons of IDS...
Alexander Koerner, IBM Germany
Location: Quail Creek I & II

Did you recently have to upgrade from earlier IDS versions like IDS 7.31 or IDS 9.40 to IDS 11.50 due to the scheduled EOS dates for those IDS versions? It is very likely that you already got 'sold' those cool features in IDS 11.50 like the SQL API or the new Mach 11 cluster functionality. But did you know that there is much more to it, such as the industry leading database extensibility in IDS? Did you know that you can create an index on the results of an IDS stored procedure or built-in function to speed up some of your existing queries? This session will introduce some of the already existing but slightly overseen and sometimes even forgotten features and add-ons of IDS that got introduced along the roadmap from IDS 7.31 via IDS 9.x towards IDS 11.50. Many of those features are related to IDS extensibility, but the session will also include DBA features and add-ons like I-Spy and MaxConnect.

D06: Lycia IDE: The Eclipse Based 4GL Team Development Solution
Dominic Smith
Location: Salons G & H

Eclipse, an IBM driven product, has for many years been seen as the Industry Standard IDE. We will be illustrating many of the key features of Eclipse now available for 4GL developers:
▪ Modernizing 4GL forms using the Lycia XML Form Designer
▪ Integrated Revision Control - Managing Team projects with the revision control tools of your choice
▪ Configuration Management - Effortlessly providing custom modifications
▪ The interactive graphical debugger - How to efficiently debug your 4GL application
▪ Transforming your first application to a GUI environment
▪ Web Services - How to consume and provide Web Services

Many 4GL questions lead to one answer:

**Querix**

- Database Support:
  - Standard Engine
  - Online Dynamic Server
  - inc. IDS V11 & Cheetah2

- Language Integration:
  - Informix 4GL
  - Dynamic 4GL
  - Java
  - C
  - C++
  - ESQ/C

- Graphical Clients:
  - Locally Deployed
  - Web Accessed

- Data Compression:
  - Increased Performance
  - Bandwidth Optimization

- Application Modernization:
  - Native Look and Feel
  - Modern Functionality

- Security:
  - Encryption: SSL
  - Authentication: SHADOW, CRYPT, PAM management

- Graphical IDE:
  - Industry Standard Eclipse
  - Project Management + RAD
  - Team Development

- Web Service:
  - Service Provider (Server)
  - Service Requestor (Client)

- GUI Form Designer:
  - WYSIWYG
  - XML Forms
  - Form Integrity
  - Widget Property Manager

- Graphical Debugger:
  - Program Flow Control
  - Remote Debugging
  - Manipulation of Program Data

- Platform Support:
  - Native & P-Code generation
  - Windows 32/64 bit
  - Unix & Linux 32/64 bit

- MS-Office Compatibility

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E06: How’s Your BI? - Building Your BI Platform with Informix Warehouse and Cognos Express
Rajesh Nair, IBM; Richard Creeth, QueBIT
Location: Quail Creek IV

With the availability of the Informix Warehouse, Informix customers now have the ability to easily and quickly deploy data warehouses on Informix. With IBM’s new Business Intelligence platform - Cognos Express, Informix customers can now deploy a powerful BI platform. This session will talk about:
1) Why Informix customers should use the Informix Warehouse to build their warehouse
2) The design and building blocks of the Informix Warehouse
3) Using the Informix Warehouse to build transformations and load data
4) Overview of Cognos Express
5) Components of Cognos Express
6) How to use Cognos Express to build reports
7) Roadmap and future direction of Informix Warehouse and BI

Tuesday, April 27

8:00 am – 9:00 am

C07: Informix 4GL Function Usage in the GUI Environment via Web-Services
Srinivasan R Mottupalli, IBM
Location: Quail Creek IV

Informix 4GL is now taking a new face of enabling SOA. This is a great value addition and opens up new possibilities for 4GL application development. This session will cover a design for flexible development, the process of 4GL function deployed as web-service, the process of 4GL function deployed as web-service, consuming web services by GUI applications, a new tool that eases the deployment/consumption, and consuming SPL as web-services via 4GL.

B07: Exploiting Hierarchical Queries to Discover Hierarchical Relationships in Your Data
Vinayak Shenoi, IBM
Location: Quail Creek III

This talk will provide an in-depth view of the new SQL syntax added in IDS for querying hierarchical data in relational tables. The new CONNECT BY syntax will be discussed with examples and we will compare its ease of use with the Node datablade. We will discuss some new keywords and their use in conjunction with CONNECT BY syntax. We will cover examples of how this new syntax can be used to detect hierarchical relationships in your data. We will touch on some traps to watch out for when writing CONNECT BY queries. In addition, we will see how this new syntax can be used in conjunction with views, inside SPL etc. Some tips will be provided on how to tune these queries for maximum performance. Finally we will highlight some of the restrictions in place when using the new syntax.

D07: Informix and Disk Level Encryption: The (D)ata (E)ncryption (E)xpert Solution
Mark Jamison, Information Management
Location: Salons G & H

With the increasing need to secure information, because of either compliance requirements or common sense, there is a greater need to store your data encrypted. While IDS offers column level encryption, the process requires a significant amount of coding to attain, and places key management in your hands. IBM DEE, (D)ata (E)ncryption (E)xpert allows for encryption at rest to be used transparent to the application developer. This presentation discusses the challenges of securing data, and the DEE solution for IDS users.
E07: Cloud Computing with IDS
Guy Bowerman, IBM
Location: Salons I & J

The IBM Developer Cloud provides a highly flexible and cost effective environment for development and testing. Find out how the Developer Cloud can save your application development and QA costs. Learn how to take advantage of new cloud features such as the IBM Storage Cloud. The Amazon Web Services Elastic Compute Cloud (EC2) has been adding features and lowering costs. Learn how you can take advantage of these features to deliver highly available Informix applications.

9:10 am – 10:10 am

A08: Performance Tuning In Depth the Next Generation - Part 2
Art Kagel, Advanced DataTools Corp
Location: Quail Creek I & II

This is the second of a two-part session. See Session A07 for more details.

B08: Using Informix and the Entity Framework
Michael Payne, The Rawlings Company
Doug Compton
Location: Quail Creek III

This session will walk users through creating a .NET application using Entity Framework and Informix. We will cover the following topics:
* Configuration of the server to support Entity Framework
* Creating the Entities off of the database schema through GUI tools
* Using XML configuration for entity creation
* What is available in Informix LINQ
* Limitations to using Informix LINQ

C08: Secure Availability of Public Finances with IBM IDS-CAF
Cesar Jiménez, Secretaria Finanzas Gobierno de Jalisco; Carlos Garcia, Secretaria de Finanzas
Location: Salons G & H

Secretaria de Finanzas provides information and tax collection services through different access points, all of which operate on IBM infrastructure (System P, Informix, CAF, consulting services) and can be kept working with 99.999% availability during the year. The reliability and robustness of this infrastructure has enabled us to provide information services through various mechanisms. With this solution, the Secretaria de Finanzas has improved its management processes and further reduced infrastructure costs in terms of energy savings, cost management platform, and physical space. Secretaria de Finanzas is currently in a transformation process aimed at providing more and better services to citizens, by directing all their efforts to moving closer to the taxpayers through new channels of communication, allowing the state to meet government commitments on security issues, welfare and infrastructure.

D08: Conversion Guard - Making it Easier than Ever to Migrate between IDS Versions
Scott Lashley, IBM
Location: Salons I & J

The IDS legacy for making it easy to migrate between IDS versions is well known. Conversion Guard is yet another feature geared toward making it even easier to migrate by reducing the steps required for migrations.

E08: Best Practices for Using the Informix Warehouse ELT Tooling
Veronica Gomes, IBM
Location: Quail Creek IV

This session will explore best practices in using ELT operators, framework and configuration to build an Informix Warehouse, including integration with other products (Eclipse plug-ins, Data Stage jobs, Tomcat app server). Practices also include importing existing industry templates, applying database changes made after physical database design, and using new IDS features for data loading and warehousing.
10:30 am – 11:30 am

A09: Exploring the Sysadmin Database - Performance Monitoring and Tuning
Lester Knutsen, Advanced DataTools Corp,
Location: Quail Creek I & II

This presentation will take a look at the new Informix 11.5 sysadmin database and how you can use it to monitor and performance tune your Informix server.

B09: Good Health, Genero and IDS in the Cloud—First Steps toward a New Application Delivery Model
Laurent Galais, 4J's; Mark Bennett, Mitchell & McCormick
Location: Quail Creek III

Four Js and Mitchell & McCormick will present their joint cloud project to deliver "Visual HealthNet", a medical records management system developed with Genero and IDS. The session will discuss the business drivers, choice of GoGrid's "Hybrid Hosting" cloud infrastructure, as well as the deployment and implementation considerations that led to the final solution.

C09: How to Migrate 100's of Applications, 1000's of Servers and over One Petabyte of Data!
Mac Horn, Spencer and McCall Consulting, Inc.
Location: Salons G & H

This presentation is a real life review of the methodology that was successfully implemented to relocate an entire data center consisting of all the systems required to operate one of the largest credit card processing centers in the world, including transactional and data warehousing environments.

D09: New Informix Features for Application Developers
Mark Jamison, Information Management
Location: Quail Creek IV

With the release 11.10 and 11.50, it's easy to get lost in the numerous features now available for Application Developers. This session helps break down the features out there that developers can now take advantage of.

Combine the power of Genero® with Microsoft® Silverlight® for creating engaging Web, desktop and mobile applications from Informix® 4GL

Four J's Development Tools, Inc. announces Genero version 2.30 with the new Microsoft Silverlight User Agent

See how you can breathe new life into your Informix 4GL application without rewriting it. Turn water into wine with the latest release of Genero and earn yourself a state-of-the-art application in double-quick time with minimum effort and expense. With Genero version 2.30, reconfigure the screens and before you know it, you'll be running a Rich Internet Application in no time.

For more information and a demonstration, come visit us at Booth #10 at this year’s IIUG or visit our web site and sign up to our Early Access Program.

http://www.fourjs.com/

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® Informix is a registered trademark of International Machines Business Corporation.
® Microsoft and Silverlight are registered trademarks of Microsoft Corporation.
E09: Overview of the IBM Smart Analytics Optimizer for IDS
Frederick Ho, Informix Development; Keshava Murthy, Informix Development
Location: Salons I & J

An overview of a data warehouse appliance offering designed to significantly speed up Decision Support (DSS) queries. Queries are transparently re-routed to the appliance from IDS. This appliance is competitive to other warehouse appliances in the industry, using advanced techniques in columnar compression and in-memory query processing. This talk will describe the overall architecture of the appliance and discuss the applicability to different customer environments.

1:00 pm – 2:00 pm

A10: Using Enterprise Replication for Workload Partitioning
Rick Rabe, Hilton Worldwide
Location: Salons G & H

This presentation will cover how Enterprise Replication (ER) was used for workload partitioning, resulting in improved application performance and reduced costs. It will cover the architecture of the solution and an overview of how ER was implemented. We will cover two examples of our use of ER and other possible uses for workload partitioning.

B10: Adding Predictive Search (like google suggest) into Your Web Applications on IDS
Keshava Murthy, Informix Development
Location: Quail Creek III

Google’s suggest feature, which seems to predict your search string, has become quite popular. Now more applications and websites are trying to imitate and implement this feature in different contexts. This talk will show with examples how to create such a smart search feature in a web application with IDS as the backend.

C10: Enterprise Class Embeddability
Guy Bowerman, IBM
Location: Quail Creek IV

Informix Dynamic Server is characterized as an "enterprise class embeddable database server," combining embeddable features such as low footprint, programmable and autonomic capabilities with enterprise class database features such as high availability and flexible replication technology. This presentation will cover the key IDS features that enable deeply embedded applications, and look at IBM's vision and road map for enterprise class embeddable database servers.

D10: The Ins and Outs of AIO, KAIO, DIRECT I/O, and CONCURRENT I/O
Rakesh Naik, IBM
Location: Quail Creek I & II

Informix Dynamic Server (IDS) has always allowed the use of operating system files for data storage. However, the overhead associated with data file access for both read and write operations was always a database performance limitation. Over the past several years, new operating system File System technologies have significantly reduced this overhead. In fact, these new features have often helped increase database performance comparable to that obtained by using raw logical volumes. Beginning with IDS 11.50, all the new I/O techniques are now supported. This presentation will discuss the differences between these I/O features, the platforms on which each is supported, and the best practices on when and how to use each feature to improve database performance. This presentation will also provide details on some of the operating system parameters that need to be enabled or tuned when using specific I/O features.

E10: WebSphere for Informix - You have a need to know!
Marty Lurie, IBM
Location: Salons I & J

The WebSphere product suite plays well with Informix. This session will provide both a survey of WebSphere technologies and a deep dive into using the WebSphere Extreme Scale cache technology. To make this even more exciting,
the deep dive will be based on using the Amazon EC2 cloud platform.

Key topics include what is new in WebSphere that plays well with Informix, how to install Informix and WebSphere Extreme Scale on EC2, and how to load test with a sample Java application.

2:10 pm – 3:10 pm

A11: IDS Indexing
Scott Lashley, IBM
Location: Quail Creek I & II

This session will provide a brief overview of the IDS btree structure. It will cover how IDS does read ahead with indexes, how varchars are handled, and some oncheck options for checking indexes. It will also include a technical preview of onstat -g scn, FOT indexes, and index compression.

B11: A Peek into the Lab - Informix Development and Agile Practices
Mukta Singh, IBM Informix
Location: Quail Creek III

Informix Dynamic Server (IDS) is a database system with a variety of OLTP features and Data Warehousing capabilities. Our product has millions of lines of code, and a development team that has hundreds of engineers at diverse locations - development lab at Lenexa, Kansas, North San Jose, Portland, Germany and India and many employees spread across the globe. The Informix development team has continually evolved their development practices, keeping Quality paramount, and balancing the needs of the fast-changing market demands and speed to market.

Best practices:
• Source code repository – Base ClearCase
• Automated build process
• FAM (Forward Audit Merge)
• Striping model for testing

Agile Successes:
• Client Partnering / Feedback
• Continuous Integration
• Lean Process / Shared Vision
• Self Directing Teams
• Focus on Innovation

C11: Using Informix to Break into a New Market
Steve Johnson, Centric iSolutions, Inc.
Location: Salons G & H

The European division of one of the world's largest international banks approached Centric iSolutions to find a solution to a major business issue. The bank eventually chose Centric iSolutions to solve other problems and develop additional solutions for the bank. These solutions are now being taken to market by Centric iSolutions. Informix was selected as the database of choice for this project and all of Centric iSolutions's products for the following reasons:

• IDS performance and resilience compared to other databases
• IDS HDR and use in the banking sector along with cost justification
• IDS Blade technology and how it improved our performance
• IDS Data warehousing and IBM COGNOS development and usage

The presentation will provide the audience a view of how we sell the features to our clients. This may help delegates selling to their clients, or internal DBAs who are attempting to sell features within their organizations.

D11: Reduce your IT costs with IBM System x Informix Cluster Configuration
Cindy Fung, IBM; Lester Knutsen, Advanced DataTools Corp,
Location: Salons I & J

IBM Informix active-active clustering technology offers customers with a wide range of choices to deploy for business continuity while maximizing IT infrastructure costs. With the IBM System x Informix Cluster Configuration, you can take this to the next level by consolidating multiple workloads onto a single System x BladeCenter S. At the same time, you can benefit from the Informix clustering technology to maximize server investment by utilizing disaster recovery hardware and scale out for peak workloads. We will show you how to save on your IT costs while delivering scalability on demand.
E11: Programming java UDR's  
*Sergio Ferreira, Moredata*  
Location: Quail Creek IV

After this presentation, the attendees should be capable of creating their own Java User Defined Routines. The goal is to give a first approach to those users who have just been programming with SPL in IDS.

3:30 pm – 4:30 pm

A12: Informix Dynamic Server can be Groovy  
*Adam Hattrell, IBM*  
Location: Quail Creek III

Groovy is an object-oriented programming language for the Java platform. It is a dynamic language with features similar to those of Python, Ruby, Perl, and Smalltalk. It can also be used as a scripting language. Many common tasks that are complicated when writing in java, Groovy makes simple. One such task is accessing and manipulating information within Informix Dynamic Server via JDBC. In this session I demonstrate how we can rapidly generate java or web applications that utilize our data.

B12: Smart Meter Monitoring - Why Timeseries is the Only Option  
*Simon David (Cosmo), IBM*  
Location: Quail Creek IV

Hildebrand Technology is the technical lead partner on an EU funded research project investigating how real time data display and peer comparison can influence energy consumption. One of the research outcomes is to understand how such a sensor network can be scaled to millions of homes whilst still allowing commodity hardware to be used to aggregate, store and disseminate the data. Here we show how using in memory caching, IDS and the Timeseries Datablade on commodity hardware using Linux 1 million homes can be served.
C12: Protecting Your Data through Data De-Identification
Alex Cheng, Administaff
Location: Salons G & H

With data breaches occurring at an alarming rate and costing companies millions of dollars, it is more important than ever to protect sensitive personal information (SPI) data. The purpose of this presentation is to share with you Administaff’s success in using the DataVantage Global (DVG) product to de-identify SPI data in all pre-production environments. Very few data privacy products in market today can consistently mask data with the same values in the tables across multiple database platforms such as Informix, DB2, SQL Server, Oracle, Sybase or most any other data system. If your company or clients use Informix or multiple databases, this is a “must-have” session, with a live demo, especially designed for you.

D12: Upgrading Hardware and IBM Informix Dynamic Server with Zero Downtime
Ron Privett, IBM; Andrew Ford, NetworkIP
Location: Quail Creek I & II

Network IP recently migrated all of their database servers to IBM hardware and upgraded to IBM Dynamic Server 11.5 at the same time. Learn how they achieved this rolling upgrade with zero downtime.

E12: Understanding Auto Update Statistics
John Miller, IBM
Location: Salons I & J

Effectively utilize Auto Update Statistics to eliminate redundant work for the DBA. Understanding what Auto Update Statistics does and how it can find performance bottlenecks for the DBA and correct them without waking up the DBA. Learn about the different modes and ways of tuning Auto Update Statistics to operate the best way for your environment.

Wednesday, April 28

9:30 am – 10:30 am

A13: Performance Tuning for Informix applications
Khem Chander, Wal-Mart Stores Inc
Location: Quail Creek I & II

This session will provide details on how to have the most optimized OLTP Informix database applications written using Informix IDS engine—the key concepts to keep in mind on a High Performance database design, the Informix/Unix commands/tools that developers can utilize to improve the performance of their applications, and application logging that should be in place.
for OLTP transactions to capture the details that can lead to optimizing the performance of those transactions. The speaker will share his 22 plus years of experience doing this OLTP performance tuning. Topics covered will be to identify when an index is needed, use of glance tool to identify sessions where focus is required, tuning the BUFFERS parameter to reduce disk IO, use of SET EXPLAIN to identify if tables being joined in the correct order, use of Optimizer Directives to improve performance, update stats tuning for small volume tables, and use of HP's ARM tool for response monitoring.

**B13: Performance Management in the 21st Century**
*Gary Quirke, QueBIT*
Location: Salons G & H

Performance Management is about more than just reporting (although reporting is certainly one key component). Relational databases have played and continue to play a crucial role in Performance Management. In order to provide a 21st Century Performance Management infrastructure, additional specialist tools and approaches are required. This session will provide insights into some of the key issues facing companies challenged with improving their Performance Management systems, and identifies solutions to some of the real world business problems that need to be addressed.

**C13: IDS and Telecom Industry in China**
*Guo Rong Sun, IBM China Development Lab*
*Young-Yi Tan, IBM China Development Lab*
Location: Salons I & J

As an IDS enthusiast, you might be interested to know how IDS is used extensively in supporting the largest mobile network in the world. Some IDS features, such as fragmentation and HDR, have become the core functionality to handle billion lines of data. In this presentation, we will tell you the role of IDS in the telecom industry in China, the major features applied, and the potential future in the 3G world.

**D13: IDS Backup and Restore -- New Features, Tips, and Insights**
*Hyun-Ju Vega, IBM Informix Support*
Location: Quail Creek III

This presentation focuses on the latest Backup and Restore features in IDS 11. One of the newest features discussed is External Backups on RSS Secondaries -- what's great and what to watch out for. As DBA's have used the new IDS 11 Backup and Restore features some questions may have come up. One question that will be discussed is regarding the performance difference between an onbar parallel whole system backup and a regular (parallel) onbar backup. Bring your questions and insights to add to the discussion, as the talk may touch a little bit on everything to do with IDS Backup and Restore.

**E13: The Basics of Writing and Utilizing C-User Defined Routines**
*John Miller, IBM*
Location: Quail Creek IV

Want to write highly efficient procedures in the database engine? Want to write a C-UDR but not sure where to start? This presentation will focus on the basics of writing C-UDRs, including the do's and don'ts. A series of examples will take us from a simple C-UDR to creating functional index, new data types, case insensitive search and lastly a datetime data type which automatically compensates for timezone. Get to know the IDS database engine and do all this in under 200 lines of code.

**A14: Replay Your Informix Production Transaction Load on Your Test System**
*Russ Clancy, GSN Digital*
Location: Salons G & H

At GSN Digital, formerly WorldWinner, the use of Exact Solutions’ iCapture and iReplay products to capture and replay 100% of production SQL in a dedicated engineering sandbox allows for empirical measurement of these changes before they take place in production. The test show what gains are achieved with changes to the ONCONFIG
parameter values, table and index fragmentation strategies, and utilization of new IBM Informix Dynamic Server functionality. The ability to automatically and properly handle transactions open when a level 0 begins is one of the valuable features. This is an account of real world application and gains from using the iCapture and iReplay product in our OLTP environment and provides insight into how the use of this product minimizes the DBA's exposure to risk in making changes to the database server.

B14: Understanding DRDA Features and Benefits
Jacques Roy, IBM
Location: Quail Creek III

As most people know, the DRDA interface is the future of client-server communication for IBM databases. This includes IDS. IDS has been supporting the DRDA protocol since version 11.10. In this session you'll learn more about the features and benefits as well as the advantages it provides for programming interfaces.

C14: How IDS Can Turn an Ordinary Sports Event into a Smart Sports Event
Alexander Koerner, IBM Germany
Location: Quail Creek I & II

Learn how IDS 11.50 can be utilized to provide an enhanced fan experience during a sports event like e.g. soccer, football, basketball or similar. Realtime player, ball and referee tracking are just a few keywords that will be covered during this session. Not to forget real time statistics, interactive game move replays and database-based game virtualization in 3D. This session will introduce the IDS key components that can be utilized for realizing such an application, and describe a usage case based on the German and European premier soccer leagues.

D14: IDS Security Best Practices
Dave Desautels, IBM; Jonathan Leffler, IBM
Location: Quail Creek IV

This session will provide an overview of IDS Security Features. Security is emerging as one of the most important topics for Database Administrators. This presentation will cover "Best Practices" for installation, user authentication, data encryption, encrypted communication, and other security topics.

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E14: Live End-to-End Data Warehousing and Analytics Using Informix Warehouse and Cognos Express
Ron Flannery, One Point Solutions
Location: Salons I & J

Does your management constantly ask you to create spreadsheets rather than focusing on your “real” job? Do you have challenges integrating data from your Informix and other data sources? Join One Point Solutions as they explain this dilemma, what it costs companies in time and profits, and how to use Informix Warehouse and Cognos Express to resolve it. This session will finish with a demo in which we use Informix Warehouse’s web-cast console, schema management, and data load tools to create and load a new warehouse from the stores database using best practices, followed by deployment of simple Cognos reports to analyze and report on the warehouse.

1:00 pm – 2:00 pm

A15: Using the Onpladm Tool for Informix High-Performance Loader
John Carlson, The Home Depot
Location: Quail Creek III

Onpladm is a command-line interface to the High-Performance Loader (HPL) in Informix Dynamic Server® (IDS) 9.21 and later versions. The high-performance loader has existed since IDS 7.3, but the only 'official' way to set up unload/load jobs was through an X-term based GUI interface, which limited its effectiveness. Even though there were user-defined methods for populating the onplload database, no official command-line tool existed until IDS 9.21.

B15: Best Practices for Informix Developers
Art Kagel, Advanced DataTools Corp
Location: Quail Creek I & II

We will explore the various ways to skin the development cat, examining several typical application module scenarios. Along the way, we will look at how to develop better applications that encounter fewer processing bottlenecks and take best advantage of IDS’s features.

C15: Informix Health Check and Performance Tuning
Young-Yi Tan, IBM China Development Lab; Guo Rong Sun, IBM China Development Lab
Location: Quail Creek IV

Why do we do database performance tuning after degradations? We can execute IDS health checks and conduct system alignments before the database runs into performance degradation. The wholly thoughtful health check procedure will prevent database disaster and failure in advance. In this presentation, we show all necessary steps in IDS health check, so we can periodically conduct system alignments to keep the database running at peak performance all the time.

D15: Intrado and Informix Helping to Save Lives
Chris Cartellone, Intrado
Location: Salons G & H

Intrado is a 911 service provider for 911 Wireline, Wireless and VOIP calls. Intrado uses mostly HP hardware running HPUX11i and the Informix version in production is 10.00.FC9. Our DBMS systems handle about 1 million transactions per day while our ALI systems handle about 50,000 to 150,000 transactions per day on average. Our disaster recovery solution uses ER. I will discuss why we chose ER as part of our disaster recovery design. I will explain several features in versions 9.40, 10.00 and 11.50 that have helped make Intrado more successful. I will explain our plans this year to deploy version 11.50 into production and use SDS, RSS and HDR to further increase our availability. I am open to any questions or comments you may have about Intrado and how we use Informix.

E15: Informix Compression - Disk Speed Really Matters!
Marty Lurie, IBM
Location: Salons I & J

Informix now offers industry-leading compression. This presentation will look at the impact of disk speed on database performance when using compression. Using a USB stick, local disk drive, and a RAM drive to achieve different disk performance, we’ll look at the throughput of Informix, both with and without compression. The results may surprise you!
You will learn to characterize disk speed for different devices, install and configure compression for Informix, create a test harness to evaluate throughput, determine the impact of compression when using disks of different speeds.

2:10 pm – 3:10 pm

A16: Informix in the Everyday World - Moving from 10 to 11
Mike Magie, SAIC/USDA
Location: Salons G & H

I am going to present an overview of how my organization, (SAIC and the USDA) currently utilizes Informix in our day to day processing. The presentation will include real-life examples of how a processing week looks for us; from supporting our weekly users via a well tuned engine, to weekend load processing with HPL, to our backup and restore strategies using onbar and a 3rd party storage manager. After an overview of how we currently use Informix I will detail the benefits we hope to gain by moving to version 11, namely the disk compression feature and the performance advantages we will reap from non-blocking checkpoints and the possibilities offered from OAT.

B16: Best Practices for Using SPL
David Link, West Corporation
Location: Quail Creek III

Managing an environment with many SPL developers can be challenging. This is a course that has been designed to help our developers standardize and to avoid many of the reoccurring pitfalls we have seen. It also covers many of the things that the Database group monitor for performance and issues.

C16: PDQ Not Just "Pretty Darn Quick"
Jeffrey Bohm, Data Management - IDS
Location: Salons I & J

The What, When, Why, Where, and How of PDQ. Most Informix DBA's know that IDS is a multi-threaded engine, if you are among the ones that didn't, now you do. Understanding how to configure for this fact, and taking advantage of it are not as well known. This presentation brings together the multi-threaded engine, the users, and the Parallel Data Query (PDQ) feature. It will explain how to configure each of these, how they work together, as well as how to monitor them to make sure that they are being used in an optimal fashion. Since many Informix installations use both Data-Warehousing and OLTP type queries, taking advantage of the PDQ feature is a subject that all Informix DBA's should learn and use. This presentation will do a little review on types of queries and the multi-threaded engine, but then progress much deeper into configuration and monitoring of multi-threading and PDQ.

D16: Help Yourself with SQLTRACE
Hyun-Ju Vega, IBM Informix Support
Location: Quail Creek I & II

This talk focuses on how to analyze and use SQLTRACE info by presenting examples and case studies. One example describes how a DBA helped himself with SQLTRACE info by analyzing a very long, complex query (over four pages long) to identify the problem portion. Other examples include how IDS engineers have used SQLTRACE info to gain insight into IDS systems and to identify issues.

E16: Informix is Not for Legacy Applications
Jean Georges Perrin, GreenIvory
Location: Quail Creek IV

Informix is often thought of as an old system for legacy applications or not-so-sexy apps like point of sales (POS) systems. Well, we want to kick this idea out of the field. GreenIvory has been developing and building very innovative (and recognized as is by numerous awards) solutions in the Web 2.0 field such as mashups, online reputation, social networks, etc. We will share some of our best kept secrets in building those applications with Informix, why and how we use the engine, why and how we use other components (including other kinds of data storage). Of course, developing apps requires methodology and we will describe why Informix and Agile Methods are a very good match (did I write very? well this should be "very very good"). At the end of the session, you'll know more about Web 2.0, development methods and gather enough new ideas to become a real Hero when you speak about new projects within your organization.
A17: Integration: Informix and other IBM Products  
Mahesh Dashora, IBM  
Atul Khachar, IBM  
Location: Salons G & H  

Come to this session to develop your understanding of key integrations done in the past few years of Informix with other IBM products. This would cover Cognos, Data Mirror, SQW, Tivoli products, Mashups, Smart Market place, etc. This session will dwell on key integration aspects and also highlight usage of these products to enable your understanding about potential new applications you can create.

B17: Slithering Snakes! Using Python with IDS  
Nicholas Geib, IBM; Andrew Ford, NetworkIP  
Location: Salons I & J  

Python is an easy-to-use, powerful, fast, multi-platform programming language which makes it a great fit for our powerhouse, set-it-and-forget-it, multi-platform Informix database. This presentation will introduce you to the Python programming language, explore how it can interact with IDS, and describe the use of it and advantages realized by Network IP.

C17: Developing Eclipse Applications that Embed Informix Management  
Lance Feagan, Informix  
Location: Quail Creek III  

In 10 short years, the extensible Eclipse framework has become the most popular Java development environment. Eclipse's diverse plug-in ecosystem makes application development faster, easier, and more reliable. All major embedded hardware, software, and operating system vendors have made Eclipse their development environment. This session will discuss how to design, develop, and use an Eclipse plug-in for management of an Informix database from an application using a JDBC connection and the Informix SQL Administration API. This is an open-source plug-in that is expected to be reused heavily. Therefore, significant time will be devoted to design discussion to help other developers re-use or modify it for their application. Topics will minimally include: design for re-use, separation of GUI and non-GUI packages, unit testing using plug-in fragments and JUnit, packaging JDBC drivers as plug-ins, and taming the SQL Administration API to be Java developer friendly.

D17: Everything You Always Wanted to Know about Checkpoints - II  
Darin Tracy, IBM  
Location: Quail Creek I & II  

This presentation will be a continuation of the "Everything You always wanted to know" series at last year's conference. In this presentation (Part II), we will continue the discussion of how checkpoints work, with understanding Interval checkpoints in relation to HDR, and Mach 11.

E17: Mine Your Own Business  
Pradeep Natarajan, IBM  
Location: Quail Creek IV  

Knowledge is Power, if you can acquire it! In today’s data-centric world all the information we need is available. However, finding the right information we need amidst a mountain of data is the problem. Help is here - use Informix Dynamic Server as your backend along with Weka, an open source data mining tool. It is a simple, low-cost solution to process your data, visualize it, and mine the right information. This presentation will explain how to connect to an Informix database using Weka and perform some data mining techniques. Weka includes several data pre-processing filters, learning algorithms, and data visualization tools. Weka together with Informix, enables us to compare learning algorithms and choose the technique that delivers the best result for the given data.
Bonus Sessions
These sessions are available for download, and may be presented as time and scheduling permit.

ALT: Auditing in IDS Best Practices
*Dave Desautels, IBM; Jonathan Leffler, IBM*

An in-depth look at auditing in IDS, including auditing in MACH11 environments, how to set it up, monitor audit records as they are generated, and perform audit log analysis. Also covers how to determine which actions are important for your audit environment and includes a preview of what we are thinking about for audit in future releases.

ALT: Using the Change Data Capture API
*Nicholas Geib, IBM*

Today's databases utilize a "logical log" to record the series of changes made via transactions. Various utilities utilize this log, and beginning with IDS 11.50.xC3 user applications can too. The new Change Data Capture (CDC) API allows a C, Java, or .Net application to see changes made to a given table, enabling a new type of database program. Come learn how to program using this API.

ALT: Understanding Informix: Index Performance Tuning.
*Mark Jamison, Information Management*

Performance tuning is a huge subject on its own, but in this presentation we only tackle the subject of performance tuning for indexes, covering things like large page sizes, ALICE mode, Index compression, the self index join, and Index fragmentation.

ALT: Data File Abstraction via External Tables Providing High Performance ETL with Simpler SQL Interface
*Srinivasan R. Mottupalli, IBM*

IDS 11.50.xC6 implements the External Tables feature that provides data abstraction to the file that resides outside the database. These files can be accessed via the regular SQL interface, making the data available to the SQL selection and insertion operations with better performance. This session will cover the design aspects, capabilities, and recommended usage of external tables, their role in application development, and benchmark results.

ALT: Best Practices for Physical Schema Design Using IDS Fragmentation
*Keshava Murthy, Informix development*

This session will start with business scenarios (OLTP, Warehousing, hybrid) for time cyclic data management and performance requirements. We'll also cover examples of fragmentation strategies appropriate for table and indices. This session will also explain ways to exploit fragment elimination – one of the crucial ways to improve performance.

ALT: Technology Preview: Not Your Father's Database System!
*Keshava Murthy, Informix development Guy Lohman*

In this third of the series, we'll get into the bits and bytes discussion on the accelerator. How does this breakthrough technology achieve the phenomenal speed? We'll discuss the internal of this innovative technology from IBM Research and provide a peek into the future.

ALT: Integrating IDS with the Enterprise: An Overview
*Jacques Roy, IBM*

In this session, we will look at how IDS can integrate with the enterprise. We will discuss the use of standard interfaces, homogeneous and heterogeneous replication, web services, message queues, and more.

ALT: Disaster Recovery Planning - Methods to Minimize Downtime
*Darin Tracy, IBM*

When a disaster occurs, the Informix Down Systems Group is traditionally engaged. This presentation will provide tips, tricks, and methods that can be used to help the Informix Support Engineer in their recovery of the system, and the speed at which that recovery is performed.
Speaker Biographies

Madhuri Ahuja  
Informix Customer Validation Program Manager, IBM

Madhuri has over 15 years of experience in the computer field. She has worked primarily on various Informix products in multiple Development Engineering and Manager roles. Madhuri is currently the Customer validation programs manager for Informix products, responsible for driving continuous customer feedback on new Informix functionality during the development cycle. Madhuri received her Master's degree in Computer science from the Birla Institute of Technology, Pilani, India.

Tosin Ajayi  
Software Engineer, IBM

Oluwatosin Ajayi is a Software Engineer with the IBM Informix Dynamic Server Development Team in Lenexa, KS. He has worked extensively on installation and deployment of IDS. He leads the embed focus group and has been closely involved with customers and business partners who have been deploying IDS as an embedded solution.

Tom Beebe  
Programmer, Advanced DataTools Corp.

Tom has been an application developer for over 7 years. He works extensively with open source tools and tries whenever possible to give back to the community. He has been a member of the IIUG Conference Planning Committee, as well as a speaker at the 2006 WAIUG Forum and the 2008 and 2009 IIUG Informix Conferences.

Mark Bennett  
Executive VP, Mitchell & McCormick

Mark Bennett is the Executive Vice-president for Mitchell & McCormick. His responsibilities include business strategy as well as technology and product direction for the company. Mark has been with Mitchell & McCormick for 29 years and has worked in healthcare for 21 years.

Khaled Bentebal  
CEO, ConsultiX

Khaled has been working with the Informix products since 1987 and especially Informix IDS since the Informix Turbo days. Khaled started the Informix subsidiary in France and worked for Informix from 1987 to 1993. Then created ConsultiX, which specializes in consulting, development, third party application maintenance, training around the Informix IDS engine. ConsultiX has the longest and best Informix expertise in France. Khaled has been involved in all of the beta testing since IDS 11.10 up to 11.50.XC6, and is an IBM business partner and a certified professional for the Informix IDS product up to and including IDS 11.5.

Jeffrey Bohm  
Senior Advisory Engineer, Data Management - IDS

Jeff has been working with Relational Database Management Systems (RDBMS) products for over 16 years. He has experienced databases from every angle: as a customer, consultant, instructor, and developer. He was hired on at Informix Software in 1994 and has been working with it ever since. His jobs at Informix included advanced technical support, performance tuning and troubleshooting consultant, and customer education specialist. He currently holds a Software Engineer position with the IBM Informix Dynamic Server Stress QA team.

Jeff has worked with hundreds of IDS clients, from the smallest of businesses to the largest, including multiple large retail, grocery, and telco companies. He has helped them get the most out of their IDS installs, addressing the most basic SQL needs to the most demanding performance and feature rich implementations. Jeff was involved in writing the IDS 9 Certification exams and currently holds Certifications for IDS 5, 7, 9, 10, and 11.

Guy Bowerman  
Informix Architect, IBM

Guy Bowerman is the Informix architect for embeddability, virtualization and cloud computing and is based in Portland, Oregon. He
joined Informix Software in 1994 and before moving to Portland worked in a variety of technical support and development roles in London and Menlo Park, California.

Kevin Brown  
*Chief Architect, Informix, IBM*

Kevin has over 25 years experience in the database field. Before coming to IBM Kevin worked at Britton-Lee where he helped develop the world’s first dedicated database machine. He went on to Illustra where he worked on extending the capabilities of traditional relational databases. Since coming to IBM Kevin has introduced time series and real-time capabilities into IBM's relational database products. Kevin is currently the chief architect for the Informix Dynamic Server and is responsible for driving the technical strategy and direction of the Informix product set. Kevin received his degree in computer science from the University of California at Berkeley.

John Carlson  
*Lead Database Administrator, The Home Depot*

John Carlson is a Lead Database Administrator with The Home Depot. He has worked with Informix products for over 15 years and is certified on IDS 7, 9, and 10, as well as Informix 4gl. During his career, he has worked across all lifecycle phases ranging from system and application design and testing through production support across thousands of servers.

Chris Cartellone  
*Informix DBA, Intrado*

I have been working with the Informix database and tools for over 15 years. I have been working in the Public Safety business for 10 years. One of my first tasks at Lucent Public Safety before being bought by Intrado was the deployment of Informix online 7.2x to the production 911 systems for all our customers. I also trained our entire development staff on Informix 4GL/ESQLC and SPL programming. I also designed their disaster recovery model using Informix Enterprise Replication and HDR. I currently work at Intrado as an Informix DBA. Prior to working for Intrado I worked for Informix as a consultant and trainer. My focus was data warehousing using XPS. This year I am looking to deploy several RSS/SDS servers for our customers and I am also setting up our test environment to test version 11.50 and get it into production this fall.

Sanjit Chakraborty  
*Advisory Software Engineer, IBM*

Sanjit Chakraborty has been a member of the Informix Advanced Support Group since 1999, and has a total of 16 years of IT experience. He is an IBM Certified System Administrator for IDS and DB2, and a designated archiving subject matter expert. He developed several IDS RAS features, Down System Support applications, knowledge management and tools, and is a co-developer of the IBM Certified System Administrator - Informix Dynamic Server v10 & v11 certification exams. He is an author and technical reviewer of many technical articles, tutorials and training course materials on various Informix topics.

Khem Chander  
*Sr. Tech. Expert, Wal-Mart Stores Inc*

Khem is a Sr. Technical Expert for Wal-Mart Stores Inc supporting Distribution Strategies for an efficient Supply Chain Management for Wal-Mart around the world. To keep this supply chain efficient, requires very High Performance database applications to support these highly automated Distribution Centers. These applications are developed using Informix IDS 10.0 and Khem helps Wal-Mart teams to keep these applications the most efficient in the world to do work with minimal Machine configuration and exploit the power of Informix IDS to make them run in a lean fashion. Khem is a 1988 graduate of IIT Roorkee from India and has 22 plus years of Database application tuning while working with Fortune 500 organizations in various countries.

Alex Cheng  
*Manager, Administaff*

Alex Cheng is an IT veteran starting his professional career as a programmer in 1976 at a large bank, which is now part of Bank of America. From there, he worked as a developer, system analyst, database administrator, project leader at several large companies including ExxonMobil, Shell Oil, EDS and Compaq Computer. Currently, he is the
supervisor/manager of Database Architecture and Administration at Administaff.

Alex received his master degree from University of South Carolina at Columbia. He is also the holder of ICDBA (IBM Certified DBA), MCDBA (Microsoft Certified DBA), MCSE (Microsoft Certified Systems Engineer), CDP (Certificate in Data Processing from Institute of Certification for Computer Professionals) and CTM (Certified Toast Master). He has been a frequent and popular speaker at the IDUG (International DB2 Users Group) Conference, PASS Summit (Microsoft SQL Server Conference) and ISUG (International Sybase Users Group) Conference.

Russ Clancy
Informix Database Administrator, GSN Digital

For the past 10 years, Russ has been working with Informix Dynamic Server within medical, human resources, and most recently, online skill based gaming companies. Russ works for GSN Digital, formerly known as WorldWinner, a subsidiary of GSN, the Game Show Network, which hosts online casual game competitions for cash and prizes. Casual games are commonly defined as those that are easy to learn, but difficult to master; can be enjoyed in short spurts; and are easily accessible to everyone, with no need for special equipment. WorldWinner players can choose from more than 35 games across several genres. Russ has been working with Exact Solutions for the past year as the primary beta customer for the integration of iReplay and iWatch working seamlessly with the Informix Dynamic Server. Russ lives in Weymouth, Massachusetts, just south of Boston, with his lovely wife, brand new baby girl, and four dogs.

Richard Creeth
CTO, QueBIT

Richard Creeth is the Chief Technology Officer for QueBIT Consulting. In the development of QueBIT products and solutions, Richard provides the vision for our TM1 offering, technical projects and future direction. Richard has extensive knowledge of, and experience with, technology consulting, application development and solution deployment. Richard was a founder of Creeth Richman Associates, acquired by QueBIT in 2008. Richard is an English Chartered Accountant, beginning with a "Big 6" accounting firm in the United Kingdom. After specializing in computerized financial reporting systems, Richard transferred to a US firm in 1979 to work on the development of a financial reporting package. With the advent of PC's in the early 1980's Richard was an early proponent of their use in accounting and financial reporting applications.

Mahesh Dashora
Sr. Manager, IDS Development, IBM

Mahesh Dashora is Sr. Manager IDS engineering and manages, High Availability, Replication Utilities Backup and Restore, Install, Administration, Security and SQL components. He has worked in IDS engineering for last 12 years in different positions. Mahesh's interests include, swimming, travelling, watching movies and walking.

Simon David (Cosmo)
Senior Engineer, IBM

Simon David (AKA Cosmo) has been working with Informix products since 1987, starting with time in both the US & UK Informix Technical Support organizations. Although based in the UK, he now works for the IBM Informix Development Labs, as a competitive industry analyst and also as a technical expert on Informix server products as diverse as Datablade technology, specifically TimeSeries, and C-ISAM.

Dave Desautels
Senior Software Engineer, IBM

Dave has been a software developer on the IBM IDS Server since 1996. Dave has forty years experience in Computer Science and Software Development. He started working on IDS in DataBlade development for IDS 9.01. Since then he has held many positions in IDS including Kernel development. Dave also helped implement LBAC for DB2. Dave is currently the technical lead for the IDS Security team. He has a degree in Mathematics and Computer Science from UCLA.
Carlton Doe
*Executive IT Specialist, IBM*

Carlton Doe works for IBM as an Executive IT Specialist specializing in Informix Technologies. He is the author of several Informix-oriented publications. He would love to insert some pithy and humorous comments here but he’s not creative enough.

Mike Dunham-Wilkie
*Senior Database Analyst, Barrodale Computing Services*

Mike is a Senior Database Analyst with Barrodale Computing Services, which he joined in 1984. He has worked with Informix database and tools products for 13 years, and is currently the chief architect for Election BC’s address registry and electoral boundary Informix-based GIS. In 30 years in the software development industry he has worked closely with defense scientists, petroleum engineers, highways engineers, astronomers, and oceanographers. Mike has a B.Sc. in Mathematics from the University of Victoria and an M.Sc. in Computer Science (database theory) from the University of Toronto. He has worked extensively with Adabas, Oracle, Illustra, PostgreSQL, and Informix.

Lance Feagan
*Research Software Engineer, Informix*

Lance Feagan started working at IBM Informix in 2007. Since his arrival he has been involved in embedded systems, gaming, virtual worlds, virtualization, and software design techniques. Prior to arriving at Informix Lance spent two years researching, designing, and developing a collaborative computational journal for bioinformatics researchers to perform and share experiments in a large cluster environment. Lance's research focused on using semantic relationships to improve provenance and experiment repeatability through expansion of the RDF 3-tuple and using Eclipse plug-in technology to expose a rich semantic environment and design experiments using an approachable workflow paradigm. Lance has a Master's degree in computer science from the University of Kansas and is a member of the ACM, IEEE, and ACM/IEEE Computer Society.

Sergio Ferreira
*CTO, Moredata*

Sérgio is an Informix professional since 1986. Started with version 3.30 and has worked with virtually every version of the database engine and development tools as an application developer. He is an entrepreneur who created his own company, Moredata, which supports Informix customers with professional services. Informix certified professional. On the board of directors of IIUG for the last 5 years. Speaker in the Informix user conferences in last years. Lives in Lisbon with his two kids.

Jeff Filippi
*President/Consultant, Integrated Data Consulting, LLC*

Jeff Filippi has been working with Informix products for 19 years. He first started using Informix as a 4GL developer and then moved to the DBA side for the past 14 years. He worked for Informix from 1996 to 2001 as a Principal Consultant in the Strategic Apps Group specializing as an Informix DBA in a PeopleSoft environment. In 2001, he started his own consulting company "Integrated Data Consulting" an IBM Business Partner specializing in providing Informix Database Consulting services ranging from database administration, upgrades, performance tuning, project management and data modeling for many companies.

Ron Flannery
*One Point Solutions*

In 1997, Ron Flannery founded One Point Solutions after authoring the well-respected Informix Handbook. One Point is focused on assisting clients to implement secure, seamless business reporting through database technology. One Point Solutions is the recipient of several IBM partner awards including Worldwide Information Management Partner of the Year and Distinguished Achievement in Data Management. One Point Solutions is located in Highland, Michigan.
Andrew Ford  
*DBA, NetworkIP*

Andrew Ford has been working with Informix products since 1999 as a Database Administrator of IDS versions 7, 9, 10 and 11 and an ESQL/C, PHP and Python Software Engineer. Andrew is currently the Senior Database Administrator for NetworkIP, the industry leader of prepaid telecommunication services. Prior to working for NetworkIP, Andrew was a Senior Database Administrator for The Home Depot and Director of Systems Engineering for Simplified Development Corporation. Andrew holds a Bachelor of Sciences in Computer Science from the University of Texas at Austin, is an IBM Certified Solution Expert in IDS versions 7 and 9 and is an IBM Certified System Administrator in IDS versions 10 and 11.

Sara Forghanizadeh  
*IBM*

Sara is a BI Mid-Market developer at IBM Canada. She is a member of IBM Cognos Express development team, which is an integrated reporting, analyzing and planning application, well suited and priced for midsize companies. This product embeds IDS Informix as its main database in order to store and manage meta-data used to generate and analyze reports. After getting her Master’s degree from the University of British Columbia in 2006, Sara started working in a startup company; she joined IBM Canada in 2008.

Cindy Fung  
*IDS Product Manager, IBM*

Cindy Fung is the product manager for IDS in the last 3.5 years. She is responsible for developing IDS product plans, positioning, strategy, and pricing. She works closely with customers, business partners, Informix community leaders, IDS development architects, and IBM executives to develop IDS business plans.

Laurent Galais  
*4J’s*

As Services and Support Manager for the US & Canada region since 2001, and prior to that technical European technical support manager, Laurent Galais has spent the majority of his career at Four J’s Development Tools Inc.

Carlos Garcia  
*DBA, Secretaria de Finanzas*

Carlos Garcia is the Informix DBA of Secretaría de Finanzas and has been working with Informix for the past 6 years. He is currently the database administrator of the Financial and payroll applications, including some peripheral databases that are part of the tax collection process. Carlos has participated in different projects such as migrations, Informix version upgrades, implementation of audit schemes and a high availability environment with Informix CAF.

Nicholas Geib  
*Software Engineer, IBM*

Nicholas Geib is a software engineer who works on IBM’s Informix Dynamic Server. He is a member of the team that supports IDS’s availability technologies, which includes Enterprise Replication, High-Availability clusters, and backups.

Tom Girsch  
*Lead DBA, Hilton Worldwide*

Tom Girsch has been using Informix products for over 18 years, with versions ranging from SE 2.1 to IDS 11.5. When not using Informix, he enjoys cooking, traveling, and rooting for terrible sports franchises like the Milwaukee Brewers and the Toronto Maple Leafs.

Veronica Gomes  
*IT Specialist, IBM*

Veronica Gomes is an IT specialist in the IDS Competitive Technologies and Enablement team. She used to work as a specialist of IBM Information Management products in IBM ChannelWorks and was a member of the Informix and DB2 Technical Support team for several years.
Charles Gonsalves
Sr.Manager - WW Informix Support, IBM

Charles Gonsalves has 14 years of Informix support experience in various capacities. He started as an Informix trainer in India in 1996. He is an Informix certified Database Specialist, Informix Certified System Admin and Informix Certified 4GL Developer. He also achieved Informix Down System certification in 1998. After serving as Customer Support Manager (South Asia) for 2 years, he relocated to the US in 2000 to manage a team focused on Informix deep diagnostics, bug fixing and special builds. He has also managed the Informix tools and Informix premium support teams in the subsequent years and took over the responsibility for WW Informix Support in 2007. Charles operates out of San Jose, CA office.

Ajaykumar Gupte
Advisory Software Engineer, IBM

Ajay has been working with the Informix product development for past 13 years. He has contributed to SQL development in DML, DDL, Stored Procedure, UDR, Fragmentation, View processing, Parallel Data Query, DRDA & Hierarchical Query components.

Adam Hattrell
Software Support Specialist - UK CCT, IBM

Adam is an IBM Software Support Specialist who currently supports the IBM Optim core products, including Data Growth, Data Privacy and Test Data Management Solutions. He has also supported the full range of IBM database servers for 10 years, including Informix servers and technology, performance tuning, and down system recovery. Adam has developed applications in a variety of languages and has experience with web application development and administration, as well as Unix internals and other database and scripting languages.

Frederick Ho
Program Director, Informix Development

Fred is Program Director for Informix Development and works out of the San Jose Lab. He manages the Competitive Technologies and Enablement team, providing Marketing/Sales materials, PoC/PoT for customers and participates in determining features for upcoming IDS releases. He also serves as Product Management for XPS and Red Brick. Fred joined Informix in 1999 as Executive Director of Engineering for Red Brick Warehouse. While at IBM, he also managed the development of DataWarehouse Edition (DWE) and Cube Views. Previously, Fred has held engineering and management positions at HP, Sun, Tandem and Informix. He has a B.S. in Computer Engineering from U. of Illinois and M.S. in Computer Science from U. of California at Santa Barbara.

Mac Horn
Principal Consultant, Spencer and McCall Consulting, Inc.

Mac is a former IIUG Board member and long time advocate of Informix Products. He has held positions ranging from Database Administrator, Senior Manager, as well as CIO managing various technologies and disciplines. He is currently a consultant with specialties in Data Warehousing and Data Center Relocations and Migrations.

Mark Jamison
Accelerated Value Specialist, Information Management

Mark has been working with Informix products for over 20 years. He first began work as an application developer in the GIS field, moving on to be a DBA in the Banking and Telecommunication fields. Mark finally landed at IBM working in Advanced Support, and now is a senior member on the Accelerated Value team within IBM, providing on-site support and services to IBM customers.

David Jay
Staff Software Engineer, IBM Corporation

David is a long-standing Technical Support Analyst, since before the acquisition of Informix by IBM. Altogether, he has more than 23 years in IT and Support, and still loves the task of helping customers resolve technical issues. He has been in the role of Tech Support Analyst for over 13 years, and has never been bored with the support task. During this time he has resolved thousands of issues with customers, including Esql/c,
CSDK, 4gl, Metacube, XPS, Informix Gateway, Redbrick, and just about every release of IDS.

Cesar Jiménez
Secretaria de Finanzas CIO, Secretaria Finanzas Gobierno de Jalisco

Software Engineer Director on Secretaria de Administracion. CIO CAPECE 15 years as external consultant for private companies and state and local governments in different brands and areas. Cesar was the developer of the Architecture, design and implementation of the Innovation award 2009: "Best solution based on Informix", using IDS 11.5, CAF, SDS, TSM and HACMP. Cesar has the responsibility of the High Availability of this solution.

Steve Johnson
VP of Technology, Centric iSolutions, Inc.

Stephen Johnson is a skilled administrator with over 25 years of experience in network management, systems and database administration, and database design. Over the past 10 years, he has been utilizing his combined skills in complex network, web, and database management systems to architect the patented solutions developed by Centric iSolutions, Inc. Before he co-founded Centric iSolutions, Inc., Stephen developed his strengths in consulting for manufacturing distributors by holding positions such as Vice President of Technology Services, Manager of Systems Administration, and Senior Systems Engineer.

Art Kagel
Advanced DataTools Corp

Mr. Kagel has over twenty-eight years of technical management, computer programming, Systems Analysis, Systems Design, Database Administration, Database Architecture and consulting experience. He has served as Manager of Database Systems and Services for a major information systems and media corporation, project leader on small and medium size project teams, and supervised technicians on a departmental basis and is currently Chief Technology Officer for the leading consulting firm specializing in IBM's Informix Dynamic Server. Mr. Kagel has extensive knowledge of hardware and software issues and an affinity for understanding his clients' business environment.

Uday Kale
Software Engineer, IBM

Uday worked as Informix Software Developer for 10 years, implementing various features in Kernel and SQL areas of the IDS server, like online create/drop of index, truncate table, optimistic concurrency, locking in MACH11, and savepoints. He also authored a couple of developerworks articles, and participated in defining the content of the 11.5 IDS Fundamentals Exam.

Atul Khachar
Senior Manager, IBM

Atul Khachar has worked in IDS engineering organization for 12 years in various capacities (The only development team he has not managed is SQL). In his current capacity, Atul works as Senior Manager for IDS Quality. Apart from IDS engineering, Atul's interests include reading, walking/biking trails and cooking.

Lester Knutsen
President and Principal Database Consult, Advanced DataTools Corp

Lester Knutsen has been developing database applications with Informix databases since 1983. He is president of Advanced DataTools, an IBM-Informix Consulting, Training, and Tools Partner specializing in data warehouse development, database design, performance tuning, and Informix training and support.

Currently, Lester specializes in developing very fast web-enabled data warehouse systems. He provides training and consulting in database design and performance tuning, and is widely known in the Informix community for his extensive experience and teaching skill.

Lester is president of the Washington D.C. Area Informix Users Group, and is one of the founding members of the International Informix Users Group. Lester is also a member of the IBM Gold Consultant program and in October 2008 was awarded one of the Inaugural Data Champion awards by IBM.
Alexander Koerner  
*Consulting IT-Specialist, IBM Germany*

Alexander Koerner is a Consulting IT-Specialist in the IBM Germany Information Management Technical Sales organization, based in Munich, Germany. Joining Informix in October 1989, he was instrumental in starting and leading the SAP/R3 on Informix project, and has contributed to the success of many strategic projects across the region. Alexander currently focuses on IDS virtual appliances, but also actively supports IDS MACH 11, IDS/SOA integration and DataBlade® technology. His activities include contributions to several IBM Redbooks publications, presentations at conferences and events, such as the IBM Information OnDemand Conference, IIUG Conference, IBM Informix Infobahns, and regional IUG meetings. Alexander is a member of the German Informatics Society and holds a Masters degree in Computer Science from the Technical University of Berlin.

Pradeep Kutty  
*Sr. Manager, DSD, IBM*

Pradeep Kutty has over 12 years of Informix support experience in various capacities. He started as an Informix Front Line engineer in Lenexa, Kansas in 1998 and later moved into the Down Systems team. He was also part of the DB2 Advanced Support team and returned to the Informix family in 2006 and now leads the Americas Informix support organization. Pradeep is an Informix Certified System Administrator and currently works out of the Lenexa, Kansas office.

Scott Lashley  
*IBM Informix Kernel/Performance Architect, IBM*

Starting with Informix Turbo and the implementation of blobs, Scott has been actively developing Informix database engine technology since 1987. Scott was the kernel architect for Informix XPS, Informix's shared nothing architecture database product. Scott spent a few years helping IBM DB2 LUW by leading the HADR project before returning to Informix IDS for the IDS Cheetah release. Scott's current focus is on developing technology to help reduce the human cost of maintaining the IDS database engine with emphasis on self-tuning and self-maintaining algorithms along with continuing to improve transaction and query performance. Scott has a BA in Computer Science and Religion from Mt. Vernon Nazarene University, Mt. Vernon Ohio.

Jonathan Leffler  
*STSM, IBM*

Jonathan Leffler started working with Informix products in 1986 with ISQL 2.00 and I4GL 1.00. He joined Informix's UK office in 1990, and moved to California in 1993. He led the I4GL maintenance team and helped introduce D4GL, but has been involved in the design and development of IDS for the last nine years. Jonathan has been active in the IIUG since its inception, and regularly contributes to the Informix news group and mailing lists. He wrote the book 'Using Informix-SQL', the program SQLCMD, and the Perl DBD::Informix module (and helps with other open source products too). Jonathan is a Senior Technical Staff Member for IBM Information Management and the security architect for IDS in Informix Database Engineering, so he has a little say about which new features are added to IDS and spends a lot of time working on the security of IDS. He frequently makes presentations at IBM and Informix conferences, to Informix user groups and in Chat with the Lab sessions.

David Link  
*West Corporation*

David manages a group of DBAs for West Corporation. West uses Informix for many of its telephony applications, ranging from OLTP to DSS. David has been working with Informix for over 20 years and truly enjoys it. Even though he has moved into management, he still stays involved with development and operational issues. He is occasionally badgered by his fellow CPC members into sharing those technical tidbits with the Informix community.

Marty Lurie  
*Systems Engineer, IBM*

Marty Lurie started his computer career generating chads while attempting to write Fortran on an IBM 1130. His day job is in WebSphere Systems Engineering at IBM, but if pressed he will admit he mostly plays with computers. His favorite program is the one he wrote to connect his Nordic Track to his laptop.
(the laptop lost two pounds, and lowered its cholesterol by 20%). Marty is an IBM-certified Informix Administrator, Advanced WebSphere Administrator, Certified DB2 DBA, Certified Business Intelligence Solutions Professional, Linux+ Certified, and has trained his dog to play basketball.

**Mike Magie**  
*DBA, SAIC/USDA*

Mike is a former IBM/Informix employee and worked as an advanced support engineer from 1997 to 2003. Currently he is a database administrator and developer for S.A.I.C, contracting for the U.S. Dept of Agriculture. Mike is an active poster on the IIUG forum and a staunch advocate of Informix.

**John Miller**  
*STSM, IBM*

John has spent his entire IBM/Informix career within the technical support organization. During this tenure in support he has done every possible role. John has developed many of the basic tools and procedures that Informix dial-in engineers use today. One of the current projects John completed is the redesign of the Informix administration system, including the OpenAdmin Tool for IDS. During John’s 19 years at Informix, he has specialized in Archive/Restore issues, along with performance benchmarks.

**Srinivasan R. Mottupalli**  
*Architect, IBM*

Srinivasan R Mottupalli is a Senior Software Engineer in IBM India Software Lab and is an Architect for classics products. He has around 12 years experience in Informix Development and 16 years of industry experience. He worked on Informix OLTP server 7x, 9x, 11x and the DW server XPS. He implemented the recent Dynamic SQL in SPL. He worked on the SOA enablement in Informix 4GL and External Tables capability in IDS as a design, development engineer and leads those projects.

**Prasad Mujumdar**  
*Software Engineer, IBM*

Prasad is an Advisory Software Engineer with IBM who has been associated with IDS as a development engineer for over 10 years. His expertise includes High Availability, Replication, and SQL. Currently Prasad is a senior developer working in the Informix High Availability component. He has worked extensively on the MACH 11 project and contributed towards design/implementation of several features in that component.

**Keshava Murthy**  
*Architect, Informix development*

Keshava Murthy is the Architect of the IBM Informix Dynamic Server SQL and Optimizer components. He has worked on Sybase, Illustra™, and Informix database servers. Keshav has developed features in the SQL, RTREE, distributed queries, heterogeneous transaction management, and extensibility components of IDS. Keshav has advised and enabled IBM clients and partners - big and small - to design, develop, and deploy enterprise and embedded applications using IDS. He received an outstanding technical achievement award for enabling Manhattan Associates' logistics application on IDS. Keshav holds a Bachelors degree in Computer Science and Engineering from the University of Mysore, India.

**Rakesh Naik**  
*IDS Business Partner Enablement Engineer, IBM*

Rakesh has worked for more than 18 years in the information technology industry in various roles. Rakesh’s first 4 years were spent as a Lead 4GL/C developer with a manufacturing company, assisting in developing a complete end-to-end 4GL-based ERP system using Informix 4.1. For the next 3 years, Rakesh worked in several leading roles ranging from developer, Informix DBA and system administrator and joined Informix, the company, in 1998 and for the next ten years worked on-site at several customer locations across the United States, as a Informix Advanced Support Engineer and later adding DB2 Advanced Support. Rakesh is proficient in many programming languages, operating systems and databases, is a member of the Informix Down System Group, and also affiliated with the IIUG and local Informix groups.
Rajesh Nair  
*Product Manager - Informix Warehouse, IBM*

Rajesh is currently the Product Manager for the Informix Warehouse offering. He has been with the Informix team since 1999 in various roles. He was lead developer for the first Informix .NET provider, and later managed the Informix Connectivity and Tools group. As part of the Informix server team, he managed the team that delivered security features in IDS 11.

Pradeep Natarajan  
*Software Engineer, IBM*

After completing my doctorate in Computer Science, I started working for IBM in 2007. I have been working with the Informix Research and Development teams for the past two years. I have also been closely working with many universities trying to introduce Informix to students.

Fernando Nunes  
*IBM Portugal*

Fernando started working with Informix around 1991 as a programmer using 4GL and ESQL/C. At 1998 he joined Informix and collaborated in consultancy, pre-sales and technical support. In 2001, via the acquisition, he joined IBM, more specifically IBM Software Group, Information Management Services.

Sreeni Paidi  
*Informix Enablement Consultant, IBM IM Technology Ecosystem*

Sreeni Paidi is an Informix Enablement Consultant with IBM's Information Management Technical Ecosystem organization. Sreeni has over 13 years of experience working with Informix, DB2, Oracle, and PostgreSQL database servers as a Database Programmer, DBA and an Integration Architect. He joined IBM as part of Trigo Technologies acquisition in 2004. Sreeni is part of a worldwide team that provides technical skills and consulting services to help IBM business partners and customers accelerate the integration of IBM database software with their applications.

Jack Parker  
*Cisco Systems*

Jack Parker is a Database Consultant with over 20 years experience across a wide variety of industries, systems and database technologies. He is the author of several utilities and articles and an occasional speaker at user group meetings.

Michael Payne  
*Manager, Application Development, The Rawlings Company*

Michael is the application development manager for the Rawlings Company in Louisville, KY. He currently supports Informix databases on the AIX and Windows platforms. He and his team have used the Informix Client SDK and .NET's Entity Framework to enhance the company's homegrown CRM application.

Jean Georges Perrin  
*CEO, GreenIvory*

Jean Georges Perrin is the CEO of GreenIvory, an ISV focusing on Web 2.0 technologies and their applications in business use. Jean Georges has been working with the Web since 1994, is the cofounder of CogiFactory (an R&D facility for e-marketing), and has served on the IIUG Board of Directors since 2002. He lives in Haguenau, France with his wife and two sons.

Darryl Priest  
*Advanced DataTools Corp.*

Darryl Priest has worked with Informix databases since the days of version 5 supporting large data warehouses, law firms and government agencies, and currently supports a large government agency’s data warehouses. He has served on the IIUG CPC and spoken on various topics at numerous conferences. While he has worked with Informix 4GL and several open source languages, he is happiest when using and talking about Perl.

Ron Privett  
*Advanced Support Engineer, IBM*

Ron Privett is a Advanced Support Engineer working in the Down Systems and Diagnostics Group within IBM. His main responsibilities on this team include working on Informix down
systems and specializing in Replication issues. Ron is a frequent presenter at user group meetings, and develops materials for training and explaining Replication products to Customers and Technical Support Engineers. He has been with Informix (now IBM) since 1997.

Madison Pruet
Architect, IBM

Madison is the Availability Architect for the IBM Informix Dynamic Server. As such he is the team leader for MACH11, Enterprise Replication, and Backup/Recovery. Madison joined IBM as part of the acquisition of Informix. He lives in Dallas with his wife, Colleen.

Gary Quirke
CEO, QueBIT

Gary Quirke is Chief Executive Officer and founder of QueBIT Consulting. A Fellow of the Chartered Association of Certified Accountants, Gary has 15 years experience delivering best practice enterprise planning and performance management solutions to Fortune 1000 companies. Gary's experience with multi-dimensional business planning and modeling software dates back to 1991 and he is recognized as an expert in this field. A regular contributor and speaker at industry events, Gary's experience and expertise covers a broad range of business sectors including Life Sciences, Retail, Healthcare, Automotive, Shipping and Consumer Packaged Goods. Gary launched QueBIT Consulting in 2001 with the goal to bring best practice enterprise planning and corporate performance management solutions to mid-market companies at a price point that was consistent with their value objectives. Gary is proud of QueBIT's achievements in delivering world class solutions on more than 700 projects.

Rick Rabe
Manager, Database Administration, Hilton Worldwide

Rick has been working with Informix products for over 15 years. He has presented on multiple topics at IIUG and IBM IOD conferences. He would rather be diving.

Jacques Roy
Technical Product Manager, IBM

Jacques Roy is well-known in the Informix community as an author, speaker, and active blogger. Jacques is a member of the IBM Development Competitive Technologies and Enablement Team for Informix Dynamic Server (IDS). He is the author of "IDS.2000: Server-Side Programming in C" and the lead author of "Open-Source Components for IDS 9.x". He is also the author of multiple technical developerworks articles on a variety of subjects, and co-author of several IBM redbooks. He is a frequent speaker at data management conferences, IIUG conferences and users group meetings.

Vinayak Shenoi
Senior Software Engineer, IBM

Vinayak has over 10 years of experience in the database industry. He is a Senior Software Engineer in the IBM Informix Dynamic Server (IDS) SQL engine development team. He has worked on IDS for the last 9+ years. Over the years Vinayak has worked on various components of IDS starting with Distributed queries, Java UDRs, Extensibility (UDT/UDR/Complex types/RTREE/VTI/VII etc), Informix JDBC driver. In recent years he took on the role of leading the core SQL engine/Extensibility development team. He is considered the subject matter expert on Java UDRs, Complex types, Extensibility, SQL query parsing/optimization/execution, In-place upgrades across major IDS releases, DRDA based clients (IBM Common Clients), Informix JDBC Driver.

Pamela Siebert
Staff Software Test Engineer, IBM

Pamela Siebert joined IBM in Lenexa, Kansas in 2003 as a software tester. She has been working with various Informix and DB2 database server products for over six years. Pam holds a BS in Information Technology and MS in Software Development and Management from Rochester Institute of Technology. She lives in Overland Park, KS with her best buddy, Socks, a German Shepherd / Siberian Husky mix. She is active in the deaf community, and received the title of Miss Deaf Kansas in 2005.
Mukta Singh
Sr. Development Manager, IDS Engineering, IBM Informix

Mukta has 19 years in the software industry with an emphasis on application development, database product, tools and client products development, and Quality processes. Mukta has performed numerous roles within Informix India and IBM Informix for the past 10 years. For last three years in 3rd line role managing 150 member team responsible for all of IDS Engineering and all related deliverables and has delivered 2 major IDS releases (Cheetah-11.10, and Cheetah2 -11.50) and working on VNext. Mukta has responded to a wide variety of IDS customer and partner issues, including product escalations, criticals, and strategic positioning within Services, Marketing, and Sales. Mukta has performed as IM QSE (Quality Software Engineering) Pacesetter role since January 2006, working closely with IM product executives and management to determine best-of-breed Software Engineering Practices and received Outstanding Pacesetter QSE award in 2006. Mukta actively participates in IDS Offering Team and IPMT activities.

Dominic Smith
Technical Lead, Querix

Dominic is the technical lead for Querix, a 4GL tools authoring company. He graduated from the University of Warwick with a BS in Computer Science and has been working with Informix products for over 10 years, as application developer and in-house DBA.

David Summers
Data Management Specialist, IBM

David is a Data management specialist for IBM. Prior to his new role with IBM, David worked for Equifax, IBM and Informix providing consulting and training services to customers such as Equifax, The Walt Disney Co and Bank of America. David lives in Atlanta, with his wife Beth and children Madeline and Grant. David has been an Informix DBA, trainer, consultant and advocate since 1995.

Guo Rong Sun
Senior Software Engineer, IBM China Development Lab

Guo Rong Sun is a Senior Software Engineer working on IBM Informix at the IBM China Development lab. He has an MS in Computer Science and has 5 years of experience with Informix. He has also worked as the Telecom database architect for various projects for China Mobile.

Young-Yi Tan
Informix Enablement Manager, IBM China Development Lab

Young-Yi Tan is the Informix Enablement Manager at the IBM China Development Lab. He has an MS in Computer Science and fifteen years of Informix experience, including development, consulting services, and enablement. He has specialized in Informix performance tuning for many Informix sites in the Great China region.

Mike Terrell
IT Specialist, IBM

Mike Terrell is an IT specialist in the IBM Information Management ChannelsWorks team. He has over 15 years of experience as a consultant and technical sales engineer with IBM/Informix. Mike is an IBM-Certified Informix Administrator, DB2 DBA, and Certified Business Intelligence Professional.

Darin Tracy
Sr. Software Engineer, IBM

Darin began working for Informix in 1994 and continues to work for IBM now. Darin worked in the openlink support group, and the Down Systems Group and has been with the APD (RT) group many years. Darin has presented at many IIUG events as well as many internal classes to IBM support.

Ari Valtanen
Director, IBM solidDB (CTO), Information Management

Ari Valtanen joined IBM in 2008 from the acquisition of Solid Information Technology, where he was Co-Founder, Senior Vice President and Chief Technology Officer.
Valtanen has more than 20 years experience in professional software development and delivering innovative products.

As a member of the founding team at Solid, Valtanen spent 7 years as an Architect in product development in Helsinki, Finland. In 1999, when Solid HQ moved to California, he relocated with it, and has since worked directly with key customers and partners worldwide, coordinating and at times managing the work of technical pre-sales, technical support, product management and product development teams. Valtanen's passion is doing whatever is necessary to win the first reference customers in a new market, market segment, or geography.

Valtanen holds a Master of Science degree from the Department of Engineering Physics from the Helsinki University of Technology, with majors in Computer Science and Acoustics.

**Hyun-Ju Vega**  
*Advanced Support Engineer (APD), IBM Informix Support*

Hyun-Ju Vega is an Advanced Support engineer on the APD team in IBM Informix Technical Support. During Hyun-Ju's twelve years with Informix Support, she has specialized in engine diagnostics and support feature work in Archive/Restore and SQL areas. Active in IDS RAS projects, she can speak with expertise on subjects relating to IDS backup and restore, performance, and diagnostics.

**Erika Von Bargen**  
*Software Engineer, IBM*

Erika Von Bargen has worked for the IBM Informix organization for over five years, the last two and a half of which have been spent working on OpenAdmin Tool for IDS. She is located at the IBM Lenexa office.

**Yunming Wang**  
*Advanced Support Engineer, IBM*

Yunming Wang works at IBM as an advanced support engineer in the Informix Advanced Problem Diagnostics (APD) team. He has been working at Informix/IBM since 1998, focusing on Informix and DB2 programming APIs and database connectivity. Areas of specialization include ODBC, JDBC, OLEDB/.Net, ESQL/C, and TCP/IP. Most recently, he has been involved with IDS virtual appliance project that deals with virtualization and cloud computing technology. Before he joined Informix/IBM, he was a software developer. He received his Master degree in Computer Engineering from University of Arkansas in 1995.

**Spokey Wheeler**  
*Consulting IT Specialist, IBM SWG*

Spokey has 25 years of Informix experience, and has worked in many different countries and in many different industries. He was sold into bondage on Blue Tuesday and has been with IBM ever since.

**Neil Williams**  
*IT Specialist, IBM*

Neil joined Informix in 1991 in partner marketing to form ISV program at Menlo Park headquarters. He moved to field technical sales in 1996 in the Santa Clara office, then transferred to the Informix Phoenix office in 1997. He is currently an Informix technical specialist for the Pacific region.
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IBM Informix was named #1 in customer satisfaction among database software vendors in 2008 and 2009. Informix’ score of 94.3 out of a possible 100 was the top overall mark for 2009. Informix has placed first or second on VendorRate in each quarter since Q3 of 2008. http://www.vendorrate.com/news/2009-12-15-VendorRate-Annual-Report.htm
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Contact Name: Bill Vitiello
Phone: 1-631-673-0077
Fax: 1-631-385-4389
Email: info@DataVantage.com
wvitiello@DataVantage.com

DataVantage solutions power data management and administration efforts, including our flagship Java-based enterprise data privacy software, DataVantage Global®, which provides masking and other patented privacy facilities for data residing in any of more than 200 database servers, including Informix. We are partnered with industry and government policy groups to provide software that meets regulatory standards.

Four J’s Development Tools, Inc.

251 O’Connor Ridge Blvd. Suite 125
Irving TX 75038 USA

www.4js.com
Main Phone: 972-893-7300
Toll free: 866-314-7300
Contact Name: Patrick Moore
Phone: 972-786-0945
Fax: 972-893-7304
Email: Patrick.moore@4js.com

Four J’s Genero® was built to develop custom business applications. High-speed access to Informix, DB2 and all major database, a powerful and intuitive IDE (Genero® Studio), high-speed, easy to deploy report generation (Genero® Report Writer), web-based user agents that support Microsoft Silverlight as well as other, popular agents such as XUL and AJAX, and support for all major operating systems ensure that Genero® delivers maximum business value.

One Point Solutions

4890 Harvey Lake Road
Highland, MI, 48356 USA

www.One-Point.com
Main Phone: 248-887-8470
Fax: 248-887-5395
Contact Name: Ron Flannery
Phone: 248-887-8470 x40
Email: RFlannery@One-Point.com

One Point Solutions focuses on analytics, data integration, DB2 and Informix. An internationally recognized IBM business partner for 4 of the last 6 years, we provide a single point of contact for data integration, reporting, database infrastructure planning and software license purchase/renewals, service, and pre-packaged BI for out-of-the box implementation.

QueBIT Consulting, LLC

49 Secor Road
Scarsdale, New York 10583

www.quebit.com
Main Phone: 800-Quebit1
Contact Name: Mike Kneapler
Phone: 813-995-0704
Email: mkneapler@quebit.com

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Gold (cont.)

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17501 W 98th Terrace
Lenexa, KS 66219 USA

www.querix.com

Main Phone: 913-674-0360
Contact Name: Paul Watson / Art Kagel
Phone: 913-674-0360
Email: info@usa.querix.com

Querix is the leading ‘4GL and ESQL-C’ development tools author. We are dedicated to the Informix 4GL community and consider it our mission to enhance and modernize the 4GL language with the latest technology and trends. Querix 4GL features include graphical clients, nearly 100% compatibility, Eclipse-based IDE, P-CODE, OS-support for Windows/Unix/Linux/Mac (32/64bit) and database support for Informix including Informix IDS 11.5.

Silver Sponsors

Advanced DataTools Corporation

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www.advancedatatools.com

Main Phone: 703-256-0267
Fax: 703-256-2660
Contact Name: Lester Knutsen
Phone: 703-256-0267 x102
Email: lester@advancedatatools.com

Advanced DataTools provides the best database tools, web technologies, consulting services and training to companies using IBM Informix database software. We have years of relational database experience in designing and implementing systems. We have successfully implemented web-enabled data warehouses and OLTP systems. We provide Remote DBA Support, On-site DBA Support, Performance Tuning, Informix Training and Informix Project Consulting.

Special Thanks to Our Sponsors!

Exhibit hall hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Start</th>
<th>End</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sunday</td>
<td>6:00 PM</td>
<td>8:00 PM</td>
<td>Reception</td>
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<tr>
<td>Monday</td>
<td>11:30 AM</td>
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<td>Lunch</td>
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<tr>
<td>Monday</td>
<td>7:15 PM</td>
<td>9:15 PM</td>
<td>Reception</td>
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<tr>
<td>Tuesday</td>
<td>11:30 AM</td>
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<tr>
<td>Tuesday</td>
<td>6:45 PM</td>
<td>10:00 PM</td>
<td>Party</td>
</tr>
<tr>
<td>Wednesday</td>
<td>11:30 AM</td>
<td>1:30 PM</td>
<td>Lunch</td>
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</table>

Visit the sponsors at their booths during the “official” schedule above. They may also be present during breakfast, and morning/afternoon breaks to answer your questions. All breaks, meals and receptions will take place in the exhibit hall.

Also make note of the Gold sponsor presentations scheduled throughout the conference.
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AGS Ltd.
One West Street, Suite 100-13
New York, NY 10004 USA
www.serverstudio.com
Main Phone: 646-274-1385
Fax: 646-274-1386
Contact Name: Anatole Vishon
Phone: 646-274-1389
Email: sales@agsltd.com

AGS, the leader in enterprise database application management technology, gives organizations confidence in their critical application infrastructure by delivering reliable software products that help develop, deploy, manage and maintain enterprise database systems without expensive downtime or interruption to operations. AGS’ Server Studio and Sentinel comprise the principal suite of integrated tools for IBM Informix Dynamic Server

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700 Galleria Parkway, Suite 480
Atlanta, Georgia 30339
www.fourthgeneration.com
Main Phone: 770-432-7623
Contact Name: James White
Phone: 770.432.7623 x103
Email: jamesw@fourthgeneration.com

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Chicago, Illinois 60611
www.genexus.com/usa
Main Phone: 312-836-9152
Contact Name: Roy Hart
Phone: 312-546-7206
Email: rhart@genexus.com

GeneXus is an IDE and framework that works seamlessly with Informix. BI, Data Warehouse, Work Flow & Portal tools as well. 100% of the application (programs & data) can be created using the GeneXus open IDE. GeneXus supports Ruby, JAVA, AJAX, .NET (C# and .NET Mobile), COBOL, RPG, Visual Fox Pro, etc. and the most popular DBMS including IBM DB2 / UDB, Informix, PostgreSQL, MySQL, Microsoft SQL Server and Oracle. No runtime costs!

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Fax: 877.892.0144
Contact Name: Thad Kelsey
Phone: 816.373.2300 x 108
Email: thad@kazer.com

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TDA Group  
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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00-8:30</td>
<td>Continental Breakfast (Full-Day and AM Tutorial Participants Only)</td>
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<tr>
<td>8:30-10:00</td>
<td>Pre-Conference Tutorials</td>
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<td>TAM1: IDS Certification Preparation Tutorials</td>
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<td>Sanjit Chakraborty</td>
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<td>TAM2: Rev Up Your Engine, Improve the Speed of Your IDS</td>
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<td>John Miller</td>
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<td>TAM3: Informix Warehouse Unleashed!</td>
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<td>TAM4: Troubleshooting Methods and Techniques</td>
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<td>Ron Privett, Mark Jamison, Hyun-Ju Vega</td>
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<td>Quail Creek IV</td>
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<td>10:00-10:30</td>
<td>Refreshment Break</td>
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<td>10:30-12:00</td>
<td>Pre-Conference Tutorials</td>
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<td>12:00-1:00</td>
<td>Lunch (Full-Day and PM Tutorial Participants Only)</td>
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<tr>
<td>12:00-7:00</td>
<td>Conference Registration -- Registration Desk</td>
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<tr>
<td>1:00-2:30</td>
<td>TPM1: Enhance and troubleshoot ELT jobs execution using Informix Warehouse</td>
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<td>Veronica Gomes, Mike Terrell</td>
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<td>TPM3: Hands on with IDS Storage Optimization</td>
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<td>Carlton Doe, Neil Williams</td>
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<td>TPM4: Advanced Troubleshooting Scenarios</td>
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<td>Quail Creek IV</td>
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<td>2:30-3:00</td>
<td>Refreshment Break</td>
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<tr>
<td>3:00-4:30</td>
<td>TPM1: Enhance and troubleshoot ELT jobs execution using Informix Warehouse</td>
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<td>Veronica Gomes, Mike Terrell</td>
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<td>Quail Creek IV</td>
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<tr>
<td>5:00-5:45</td>
<td>Speaker-Moderator Orientation</td>
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<tr>
<td>6:00-6:00</td>
<td>Welcome Reception -- Exhibit Hall</td>
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<tr>
<td>8:30-11:00</td>
<td>X-Treme Team Trivia -- Exhibit Hall</td>
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## Conference Schedule – Technical Sessions

### Monday, April 26

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<tr>
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<th>Description</th>
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<tr>
<td>7:00-8:00</td>
<td>Breakfast</td>
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<tr>
<td>8:00-9:10</td>
<td>Opening Keynote Presentation, Jerry Keesee -- Exhibit Hall</td>
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<tr>
<td>9:10-9:30</td>
<td>Break</td>
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<tr>
<td>9:30-12:30</td>
<td>HOL1: Using Optim Test Data Management Solution with Informix Dynamic Server</td>
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<td>Adam Hattrell -- Board Room</td>
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<tr>
<td>9:30-5:00</td>
<td>IBM Certification Testing -- Sunflower Room (Last seating at 4:30)</td>
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<tr>
<td>9:30-10:30</td>
<td>A01: Data Modeling                                     Jack Parker -- Quail Creek III</td>
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<td></td>
<td>B01: Best Practices for Running Informix Instances in a VMware ESX Server</td>
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<td></td>
<td>Sreeni Paidi -- Quail Creek IV</td>
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<td></td>
<td>C01: An Introduction to the New Features in IDS 11.5</td>
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<td></td>
<td>Kevin Brown Salons G &amp; H</td>
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<td>D01: Getting the Best out of Support</td>
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<td>Pradeep Kutty; Charles Gonsalves Quail Creek I &amp; II</td>
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<td>E01: IBM solidDB In-Memory Database Technology-- Benefits Informix Users with Extreme Speed</td>
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<td>Arvind Valtanen Salons I &amp; J</td>
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<td>10:30-10:45</td>
<td>Refreshment Break</td>
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<tr>
<td>10:45-11:45</td>
<td>A02: Everything You Wanted to Know About External Tables in IDS</td>
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<td>Khaled Bentebal Quail Creek I &amp; II</td>
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<td>B02: Understanding Information Governance</td>
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<td>Unknown or TBD Quail Creek III</td>
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<td>C02: Disposable Dashboards - Mix and Mash with Informix and IBM Mashup Hub</td>
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<td>Rajesh Nair Quail Creek IV</td>
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<td>D02: New Replication/Availability Functionality Since 11.5x0C1</td>
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<td>Madison Pruet Salons G &amp; H</td>
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<td>E02: Climbing the Performance Pyramid</td>
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<td>Spokey Wheeler Salons I &amp; J</td>
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<td>11:45-1:00</td>
<td>Lunch</td>
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<td>1:00-2:00</td>
<td>HOL2: Everything You Wanted to Know About... CAF, Connection Manager, and Failover</td>
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<td>Ron Privett -- Board Room</td>
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<td>1:00-2:10</td>
<td>A03: Physical Database Design: Best Practices</td>
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<td>Tom Girsch Salons G &amp; H</td>
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<td>B03: Development of DataBlades for Managing Scientific Data</td>
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<td>M. Dunham-Wilkie Quail Creek III</td>
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<td>C03: Accelerating Your Business with IDS</td>
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<td>Srinivasan R Mottupalli Quail Creek IV</td>
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<td>D03: The Autonomics of Informix Dynamic Server 11.5</td>
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<td>Jonathan Leffler Salons I &amp; J</td>
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<td>2:00-2:10</td>
<td>Break</td>
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<td>2:10-3:10</td>
<td>A04: Combining HDR and ER for the Ultimate Production Environment</td>
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<td>B04: Use EXPLAIN_SQL with any Tool</td>
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<td>Fernando Nunes Quail Creek III</td>
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<td>C04: Optimistic Concurrency in IDS</td>
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<td>Prasad Mujumdar Quail Creek IV</td>
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<td>Erika Von Bargen Salons G &amp; H</td>
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<td>E04: Building Data Warehouses with IBM Informix</td>
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<td>Lester Knutsen Quail Creek I &amp; II</td>
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<td>3:30-4:30</td>
<td>A05: Implementing SDS (Shared Disk Secondary) Tips and Tricks</td>
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<td>Jeff Filippi Salons G &amp; H</td>
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<td></td>
<td>B05: Using Open Source Languages with Informix - Part 1</td>
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<td>Darryl Priest; Tom Beebe Salons I &amp; J</td>
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<td>C05: Always Online: Modifying Your Server and Schema while Keeping Your Apps Online</td>
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<td>Uday Kale Quail Creek I &amp; II</td>
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<td>D05: Using the IBM Support Assistant for Performance Tuning</td>
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<td>E05: IDS Security Best Practices: PCI Compliance</td>
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<td>Jonathan Leffler Mark Jamison Quail Creek IV</td>
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<td>4:30-4:40</td>
<td>Break</td>
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<tr>
<td>4:40-5:40</td>
<td>A06: To Log or Not to Log, Everything About Database</td>
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<td>Jeffrey Bohm Quail Creek III</td>
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<td>B06: Using Open Source Languages with Informix - Part 2</td>
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<td>Darryl Priest; Tom Beebe Salons I &amp; J</td>
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<td>C06: Beyond Mach 11 and Compression. The ‘forgotten’ features &amp; add-ons of IDS...</td>
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<td>Alexander Koerner Quail Creek I &amp; II</td>
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<td>D06: Lycia IDE: The Eclipse Based 4GL Team Development Solution</td>
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<td>Querix Salons G &amp; H</td>
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<td>E06: Building your BI Platform with Informix Warehouse &amp; Cognos Express</td>
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<td>R. Nair, R. Creeth Quail Creek IV</td>
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<tr>
<td>6:00-?</td>
<td>Networking Event, Dr. Arvind Krishna -- Exhibit Hall</td>
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Sessions shaded **BLUE** are Sponsor presentations.
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<tr>
<td>7:00-8:00</td>
<td>Breakfast</td>
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<tr>
<td>8:30-11:30</td>
<td><strong>HOL3: IDS in Cognos Express: Embedding IDS Case in Point</strong>&lt;br&gt;<strong>Tosin Ajayi, Sara Forghanizadeh -- Board Room</strong></td>
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<tr>
<td>8:00-9:00</td>
<td>A07: Performance Tuning in Depth the Next Generation – Part 1&lt;br&gt;Art Kagel Quail Creek I &amp; II</td>
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<td>B07: Exploiting Hierarchical Queries ...&lt;br&gt;Vinayak Shenoi Quail Creek III</td>
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<td>C07: Informix 4GL functions in the GUI environment via web-services&lt;br&gt;Srinivasan R Mottupalli Quail Creek IV</td>
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<td>D07: Informix and Disk Level Encryption : The (Data)Encryption (Expert solution)&lt;br&gt;Mark Jamison Salons G &amp; H</td>
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<td>E07: Cloud Computing with IDS&lt;br&gt;Guy Bowerman Salons I &amp; J</td>
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<td>9:00-9:10</td>
<td>Break</td>
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<td>9:10-10:10</td>
<td>A08: Performance Tuning in Depth the Next Generation – Part 2&lt;br&gt;Art Kagel Quail Creek I &amp; II</td>
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<td>B08: Using Informix and the Entity Framework&lt;br&gt;Michael Payne, Doug Compton Quail Creek III</td>
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<td>C08: Secure Availability of Public Finances with IBM IDS-CAF&lt;br&gt;Cesar Jiménez, Carlos Garcia Salons G &amp; H</td>
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<td>D08: Conversion Guard - Making it Easier than Ever to Migrate between IDS Versions&lt;br&gt;Scott Lashley Salons I &amp; J</td>
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<td>E08: Best Practices for using the Informix Warehouse ELT Tooling&lt;br&gt;Veronica Gomes Quail Creek IV</td>
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<td>9:30-5:00</td>
<td><strong>IBM Certification Testing -- Sunflower Room (Last seating at 4:30)</strong></td>
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<td>10:10-10:30</td>
<td>Refreshment Break</td>
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<td>10:30-11:30</td>
<td><strong>A09: Exploring the Sysadmin Database - Performance Monitoring and Tuning</strong>&lt;br&gt;Lester Knutsen Quail Creek I &amp; II</td>
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<td>B09: Good Health, Genero and IDS in the Cloud–A New Application Delivery Model Four J’s&lt;br&gt;Quail Creek III</td>
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<td>C09: How to migrate 100’s of Apps, 1000’s of Servers and over One Petabyte of Data!&lt;br&gt;Mac Horn Salons G &amp; H</td>
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<td>D09: New Informix Features for Application Developers&lt;br&gt;Mark Jamison&lt;br&gt;Quail Creek IV</td>
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<td>E09: Overview of the IBM Smart Analytics Optimizer for IDS&lt;br&gt;Frederick Ho, Keshava Murthy Salons I &amp; J</td>
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<tr>
<td>11:30-12:50</td>
<td>Lunch and Special Session</td>
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<td>12:50-1:00</td>
<td>Break</td>
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<tr>
<td>1:00-4:00</td>
<td><strong>HOL4: Adminstrating IDS HA and Replication Environment</strong>&lt;br&gt;<strong>Prasad Mujumdar -- Board Room</strong></td>
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<td>1:00-2:00</td>
<td>A10: Using Enterprise Replication for Workload Partitioning&lt;br&gt;Rick Rabe Salons G &amp; H</td>
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<td>B10: Adding Predictive Search into Your Web Applications on IDS&lt;br&gt;Keshava Murthy Quail Creek III</td>
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<td>C10: Enterprise Class Embeddability&lt;br&gt;Guy Bowerman Quail Creek IV</td>
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<td>D10: The ins and outs of AIO, KAIO, INDIRECT I/O, and CONCURRENT I/O&lt;br&gt;Rakesh Naik&lt;br&gt;Quail Creek I &amp; II</td>
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<td>E10: WebSphere for Informix - You Have a Need to Know!&lt;br&gt;Marty Lurie&lt;br&gt;Salons I &amp; J</td>
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<td>2:00-2:10</td>
<td>Break</td>
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<td>2:10-3:10</td>
<td>A11: IDS Indexing&lt;br&gt;Scott Lashley Quail Creek I &amp; II</td>
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<td>B11: A Peek into the Lab - Informix Development and Agile Practices&lt;br&gt;Mukta Singh Quail Creek III</td>
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<td>C11: Using Informix to Break into a New Market&lt;br&gt;Steve Johnson&lt;br&gt;Salons G &amp; H</td>
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<td>D11: Reduce your IT Costs with IBM System x Informix Cluster Configuration&lt;br&gt;C. Fung, L. Knutsen&lt;br&gt;Salons I &amp; J</td>
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<td>E11: Programming Java UDR’s&lt;br&gt;Sergio Ferreira&lt;br&gt;Quail Creek IV</td>
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<td>3:10-3:30</td>
<td>Refreshment Break</td>
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<td>3:30-4:30</td>
<td>A12: Informix Dynamic Server can be Groovy&lt;br&gt;Adam Hattrell Quail Creek III</td>
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<td>B12: Smart Meter Monitoring - Why Timeseries is the Only Option&lt;br&gt;Simon David (Cosmo) Quail Creek IV</td>
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<td>C12: Protecting Your Data Through Data De-Identification&lt;br&gt;DataVantage&lt;br&gt;Salons G &amp; H</td>
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<td>D12: Upgrading Hardware and IBM Informix Dynamic Server with Zero Downtime&lt;br&gt;R. Privett, A. Ford&lt;br&gt;Quail Creek I &amp; II</td>
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<td>E12: Understanding Auto Update Statistics&lt;br&gt;John Miller&lt;br&gt;Salons I &amp; J</td>
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<td>4:30-4:40</td>
<td>Break</td>
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<td>4:40-5:40</td>
<td><strong>BOF1: Fastest Informix DBA Contest Results</strong>&lt;br&gt;L. Knutsen, S. Lashley Quail Creek I &amp; II</td>
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<td><strong>BOF2: Open Source</strong>&lt;br&gt;Jacques Roy Salons G &amp; H</td>
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<td><strong>BOF3: Replication and Availability</strong>&lt;br&gt;Madison Pruet Salons I &amp; J</td>
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<td><strong>BOF4: Warehouse and Business Intelligence</strong>&lt;br&gt;Frederick Ho Quail Creek III</td>
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<td><strong>BOF5: Zero Admin</strong>&lt;br&gt;GuyBowerman Quail Creek IV</td>
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<td>6:30-?</td>
<td>Conference Party: Casino Night -- Exhibit Hall</td>
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# Wednesday, April 28

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>7:00 - 8:00</td>
<td>Breakfast</td>
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<tr>
<td>8:00 - 9:10</td>
<td><strong>Q &amp; A with IBM Executives:</strong> Alyse Passarelli, Inhi Cho Suh, Rob Thomas -- Exhibit Hall</td>
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<tr>
<td>9:10 - 9:30</td>
<td>Break</td>
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<tr>
<td>9:30 - 12:30</td>
<td><strong>HOL5: IDS in Cloud Hands-On Lab</strong> Yunming Wang--Board Room</td>
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<td>9:30 - 5:00</td>
<td><strong>IBM Certification Testing</strong> -- Sunflower Room (Last seating at 4:30)</td>
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<tr>
<td>9:30 - 10:30</td>
<td>A13: Performance Tuning for Informix applications Khem Chander Quail Creek I &amp; II</td>
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<td>B13: Performance Management in the 21st Century QueBit Consulting, LLC Salons G &amp; H</td>
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<td>C13: IDS and Telecom Industry in China Guo Rong Sun, Young-Yi Tan Salons I &amp; J</td>
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<td>D13: IDS Backup and Restore -- New Features, Tips, and Insights Hyun-Ju Vega Quail Creek III</td>
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<td>E13: The Basics of Writing and Utilizing C-User Defined Routines John Miller Quail Creek IV</td>
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<td>10:30 - 10:45</td>
<td>Break</td>
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<tr>
<td>10:45 - 11:45</td>
<td>A14: Replay Your Informix Production Transaction Load on Your Test System Russ Clancy Salons G &amp; H</td>
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<td>B14: Understanding DRDA Features and Benefits Jacques Roy Quail Creek III</td>
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<td>C14: How IDS Can Turn an Ordinary Sports Event into a Smart Sports Event Alexander Koerner Quail Creek I &amp; II</td>
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<td>D14: IDS Security Best Practices Dave Desautels Quail Creek IV</td>
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<td>E14: Live End-to-End Data Warehousing and Analytics Using Informix Warehouse and Cognos Express One Point Solutions Salons I &amp; J</td>
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<td>11:45 - 1:00</td>
<td>Lunch</td>
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<td>1:00 - 4:00</td>
<td><strong>HOL6: Up Close and Personal with IDS 11.50 Features</strong> Sanjit Chakraborty--Board Room</td>
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<td>1:00 - 2:00</td>
<td>A15: Using the Onpladm Tool for Informix High-Performance Loader John Carlson Quail Creek III</td>
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<td>B15: Best Practices for Informix Developers Art Kagel Quail Creek I &amp; II</td>
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<td>C15: Informix Health Check and Performance Tuning Young-Yi Tan, Guo Rong Sun Quail Creek IV</td>
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<td>D15: Intrado and Informix Helping to Save Lives Chris Cartellone Salons G &amp; H</td>
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<td>E15: Informix Compression - Disk Speed Really Matters! Marty Lurie Salons I &amp; J</td>
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<td>2:00 - 2:10</td>
<td>Break</td>
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<td>2:10 - 3:10</td>
<td>A16: Informix in the Everyday World - Moving from 10 to 11 Mike Magie Salons G &amp; H</td>
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<td>B16: Best Practices for Using SPL David Link Quail Creek III</td>
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<td>C16: PDQ Not Just &quot;Pretty Darn Quick&quot; Jeffrey Bohrn Salons I &amp; J</td>
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<td>D16: Help yourself with SQLTRACE Hyun-Ju Vega Quail Creek I &amp; II</td>
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<td>E16: Informix is Not for Legacy Applications Jean Georges Perrin Quail Creek IV</td>
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<td>3:10 - 3:30</td>
<td><strong>Refreshment Break</strong></td>
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<td>3:30 - 4:30</td>
<td>A17: Integration: Informix and Other IBM Products Mahesh Dashora, Atul Khachar Salons G &amp; H</td>
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<td>B17: Slithering Snakes! Using Python with IDS Nicholas Gelb, Andrew Ford Salons I &amp; J</td>
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<td>C17: Developing Eclipse Applications that Embed Informix Management Lance Feagan Quail Creek III</td>
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<td>D17: Everything You Always Wanted to Know about Checkpoints - II Darin Tracy Quail Creek I &amp; II</td>
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<td>E17: Mine Your Own Business Pradeep Natarajan Quail Creek IV</td>
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<th>Dates</th>
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<tr>
<td>May 3 - August 31</td>
<td>$1,895 ($500 savings)</td>
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<tr>
<td>September 1 - October 23</td>
<td>$2,195</td>
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<td>October 24 - October 28</td>
<td>$2,395</td>
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