Moving Forward With Informix

Informix

User Forum 2005

Presented by

Southeast Informix Users Group, Atlanta, Georgia
and

December 8-9, 2005
Atlanta, Georgia

Program Guide

Forum 2005 is a Two-Day User Group Technical Conference, designed and managed by Informix users for Informix users. Forum 2005 will be the largest gathering of Informix users in the world in 2005.

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Informix User Forum 2005 Schedule

Thursday, December 8, 2005

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10:40 – 11:10	Break – Café B			
11:10 – 12:20	D1 - Indexing & Fragmentation Strategies - Mark Scranton	E3 - Security and Encryption in IDS - Dick Snoke	D3 - Your New Friend: Server Studio - Sean Durity	A2 - Python InformixDB API - Carsten Haese
12:20 – 1:20	Lunch – Café B			
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5:30 – 7:30	Break and travel to conference party			
7:30 – 1:00am	**Conference Party - Dave & Buster's Atlanta** 2215 D&B Drive, Marietta, GA 30067 Phone: 770-951-5554			

Informix User Forum 2005 Schedule

Friday, December 9, 2005

7:30 – 8:00	Registration			
8:00 – 9:30	**Breakfast with Bruce Weed, IBM, Q&A Session – Café B**			
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11:10 – 12:20	D7 Replication Solutions for IDS - Madison Pruet	D8 Using HPL from the Command Line - Jerry Hamilton	A6 Converting Your I4GL Application to EGL - Jin Zhang	E8 Java User Defined Routines in IDS 10 - Hal Maner
12:20 – 1:20	Lunch – Café B			
1:20 – 2:30		E9 SQLCMD - A Better DB-Access - Jonathan Leffler	A7 Accessing Informix from .Net - Sean Durity	E10 Cloudscape - Past and Present - Frank Koconis
2:30 – 3:00	Break – Café B			
3:00 – 4:10		V5 Leveraging the sysmaster database to graphically monitor and tune IDS - Peter Richardson, Rocket Software, Inc.	V4 Informix-4GL Developers, Improve Productivity using FourGen CASE Tools - Syed Kamal, Gillani, Inc.	V6 Information Management and IT Compliance - Stephen Pickell, Computer Software Alliance, Inc.
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4:20 – 5:30		D9 Configuring Informix Connect and ODBC - James Edmiston	A8 Exploiting the Advantages of SQL:1999 - Dick Snoke	E11 The Web DataBlade - Paul Watson

Saturday, December 10, 2005

9:30 – 1:00	Seminar - NEW TOOLS FOR AUTOMATING ADMINISTRATION AND PERFORMANCE MANAGEMENT OF IBM INFORMIX® DBMS SERVER by AGS - Location: La Quinta Inn & Suites - Atlanta Paces Ferry

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We would like to thank the following companies and organizations for making this all possible!

The Home Depot

Company: The Home Depot
Address: 2455 Paces Ferry Road, Atlanta, GA, 30339
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The Home Depot is the world's largest home improvement specialty retailer. The company employs approximately 325,000 associates in all 50 states, the District of Columbia, Puerto Rico, 10 Canadian provinces and Mexico. Its stock is traded on the New York Stock Exchange and is included in the Dow Jones industrial average and Standard & Poor's 500 index.

International Informix Users Group

International Informix Users Group -
Web Page: http://www.iiug.org
Email: president@iiug.org ug@iiug.org

The International Informix Users Group (IIUG) is an independent organization open to anyone with an interest in Informix products or services. Founded in 1995 and formally recognized and supported by Informix, the IIUG provides the most efficient and strategic means for sharing information between Informix and the user community. We offer a number of benefits including: Advocacy Programs, support for local and regional user groups, highly focused special interest groups, free software downloads and discounts on select Informix events.

IBM Information Management Software

IBM Corporation
1133 Westchester Avenue, White Plains, New York 10604
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    City: Annandale State: VA Zip: 22003
    Web page: http://www.advancedatatools.com
    Main Phone: 703-256-0267
    Contact Name: Lester Knutsen
    Fax: 703-256-2660
    Email: lester@advancedatatools.com

Advanced DataTools is an IBM Advanced Partner and has provided Informix consulting and training for over 12 years. Our Informix training courses were developed and are taught by Lester Knutsen, a member of the IBM Gold Consultant Program, and an Informix Certified Professional. We are performance tuning experts, whether it is optimizing the design of any database, improving the throughput of your IBM Informix Database Server, or streamlining and enhancing your application.

- **AGS Ltd.**

    Address: One West Street, Suite 100-13
    City: New York State, Zip: New York 10004
    Web page: http://www.serverstudio.com
    Main Phone: (212) 785-1204
    Contact Name: Elena Briskina
    Phone: (212) 785-1204, Fax: (212) 785-1236
    Email: sales@agsltd.com

AGS is a leading provider of innovative development, administration and performance management tools for enterprise database applications. Server StudioT JE and SentinelT are complementary software products which together form a powerful, feature-rich infrastructure with wide-ranging functionality that helps database professionals manage IBM InformixR database servers environment complexities with ease and unprecedented productivity.

- **CobraSonic Software Inc.**

    Address: 3rd Fl,2 Rueiguang Rd., Neihu
    City: Taipei 114 State, Zip: R.O.C. Taiwan
    Web page: http://www.cobrasonic.com
    Main Phone: +886-2-8792-9852
    Contact Name: Burghardt Groeber
    Phone: +886-2-8792-9852, Fax: +886-2-8792-9950
    Email: bgroeber@cobrasonic.com

CobraSonic Software is the provider of DBSonar™, an enterprise database management solution for Informix. DBSonar™ helps customers to achieve higher performance, productivity, reliability and availability from applications, databases and infrastructure. As Informix reseller, ISV and consultancy CobraSonic is also a long-term IBM Business Partner in the Greater China Region.

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  Contact Name: Shannon Powers
  Phone: 866-CSA-0271, Fax: 832-201-0362
  Email: shannon@csatech.net

Computer Software Alliance, Inc. (CSA) is an IBM Premier Business Partner dedicated to enhancing your business through our product offerings, competitive pricing, sales and technical support, and complimentary product sets. You can rely on our expertise in database upgrades, migration, licensing and optimization for all your Informix needs.

- ## **Four J's Development Tools Inc.**

  Address: 251 O'Connor Ridge Blvd. Suite 125
  City: Irving State, Zip: TX, 75038
  Web page: http://www.4js.com
  Main Phone: 866 314 7300
  Contact Name: Philippe Wagner
  Phone: 650-378-1294 Mobile 408-394-1020
  Fax: 650-378-1399
  Email: pwagner@4js.com

The Genero Product Suite is an easy to use business application infrastructure. Designed from the ground up for mission-critical business applications, it can scale to very large user bases. It enhances developer productivity by enabling the rapid and predictable development and deployment of business logic across a variety of servers, databases and operating systems.

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  City: Richardson State, Zip: TX 75081
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  Main Phone: 972.918.0400
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Gillani offers FourGen® CASE Tools, bundled with Informix-4GL as I-4GL Forms and Menu's in the past. It provides a Code Generator and GUI front-end for Informix-GL. Gillani also provides an Informix-4GL based Accounting & Distribution Management solution previously known as FourGen Accounting.

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  Contact Name: Thad Kelsey
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  Fax: (877)892-0144
  Email: thad@kazer.com

An Advanced IBM Business Partner dedicated to serving the Informix community. In addition to reselling Informix we offer consulting services, remote DBA services, and complementary products from 4J's, AGS, CopperEye, and Rocket Software. Let us be your source for all things Informix.

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  Contact Name: Jeff Turk
  Phone: (919) 493-6012 ext. 4007
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M Systems is a solution provider specializing in database applications and network administration. We are an IBM Business Partner and a Microsoft Certified Partner. We pride ourselves in building and maintaining custom mission critical solutions that work 24x7x365.

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  Fax: +44 (0) 23 80 399685
  Email: info@querix.com

Querix is the leading '4GL, D4GL, ESQL-C & NewEra' development tools author. Dedicated to this community, our mission is to enhance & modernize the 4GL language with the latest technology and trends. The Querix 4GL product range including Character, Windows, Java2 and Html 'Advanced-Client-Systems' are compatible with all common databases and Platforms.

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  Phone: 617-614-2301
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  Email: tbonee@rs.com

Rocket Software, Inc. is a global provider of Enterprise Infrastructure software solutions and support for the world's leading companies and major OEMs, including IBM, RSA Security and Computer Associates. As such, Rocket has a broad product portfolio with specific development expertise in the areas of Database Management, Security, Systems and Storage Management, Business Intelligence, OSS and mainframe product development. For more information, visit www.rocketsoftware.com.

- **UNIFY Corporation**

  Address: 2101 Arena Blvd, Suite 100
  City: Sacramento State: California Zip: 95834
  Web page: http://www.unify.com
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  Contact Name: Roy Gum
  Phone: 916.928.6268
  Fax: 916.928.6404
  Email:

In business for 25 years, Unify's NXJ product is leading solution for Notes/Domino application migration to J2EE. NXJ provides a graphical environment for developing J2EE applications that work with a variety of platforms including Websphere, DB2, Informix, CICS and many more. Notes developers will quickly recognize the familiar graphical environment.

Sessions and Speaker Information

General Sessions

General Session and Keynote
Speaker: Paul Rivot, Director, Competitive Technologies, Information Management
Company: IBM

This all-hands session gets the Forum off to a flying start with a welcome by Alex Seidita, Director of IT Data Architecture for The Home Depot, and a keynote address by Paul Rivot, Director, Competitive Technologies, Information Management for IBM.

Paul Rivot is Director, Competitive Technologies Information Management for IBM's Information Management Division. Paul reports directly to Bob Picciano, Vice President of Database Servers, IBM Software Group HQ, Somers, NY. Prior to this job, Paul, as Director of Database Servers & Business Intelligence, was responsible for the highly successful database portfolio of software products, including the DB2 Family, Informix IDS, Cloudscape, RedBrick, and Informix XPS for the past 5 years. Paul also has extensive experience in field sales as the Regional Sales Manager for Data Management in the Americas, based in NY, and as a Sales Manager in the Industrial Sector covering Eastman Kodak.

Prior to his employment with IBM, Mr. Rivot was an Engineer for the Harris Corporation. He later was employed at Digital Equipment Corporation as the District Software Services Manager and held various positions at Digital in Sales Management, Services as well as Technical Support Management. Mr. Rivot also successfully led the Systems Architecture team working with General Electric on a Government project entitled "Over the Horizon Radar Project". In addition to his responsibilities at IBM, Mr. Rivot is the executive sponsor for The Board of Directors for the International DB2 Users Group (IDUG) and the International Informix Users Group (IIUG). Mr. Rivot has a Bachelors in Computer Science from the State University of New York.

General Session: Breakfast with Bruce
Speaker: Bruce Weed, Worldwide Informix Business Leader, IBM Information Management Software Group
Company: IBM

Join Bruce Weed of IBM for a casual buffet breakfast in Café B. Bruce is the worldwide program director for Informix. There will be plenty of time for Q&A, so bring your questions and your appetite.

Bruce Weed is the Program Director over the Informix Business at IBM. Bruce manages a large portfolio of Information Management Products and Solutions under the Informix umbrella. These products and solutions help companies manage key information assets and allow them to glean valuable business insight.

Bruce has held other leadership positions at IBM that have helped grow IBM's business. He was previously the Program Director for IBM's Content Management Channels. Bruce was also part of the Internet Division that launched IBM's successful e-business.

Bruce was responsible for starting the channels programs for the Internet Division. During this time he built up the business partner channel from zero to over twelve hundred partners worldwide. Business Partner sales grew by five times YTY twice in a row via the strategies and programs that were put in place. One such program was called "Start Now". See **Fortune Small Business Magazine July/August 2002, page 62.** This program was a bundle that was created to include hardware, software and services, which was then sold by IBM's VARs.

Bruce has vast experience in Software Development, Sales, Marketing, Channels, and Business Development. He has won IBM Divisional Awards, Sales' Club Awards and Customer Satisfaction Awards. He was also inducted into the National Computer Science Honor Society EDP.

Session A1: Exploring IBM Informix Stored Procedures
Speaker: Thabo Bopape
Company: IBM
Email: thabo@us.ibm.com

At the end of this presentation, you will know:
- The advantages of using stored procedures.
- How to use Stored Procedure Language (SPL) statements.
- How to create and execute stored procedures.
- How to define variables inside a stored procedure.
- How to assign values to variables and use control blocks.
- How to use SPL flow control statements.
- How to pass and return values from a stored procedure

Marcellus Thabo Bopape, commonly known as Thabo, is a Technical Team Lead for IBM SWG, North American Lab Services Group. Thabo holds a degree from the University of California, Santa Cruz. He joined Informix Software as a Technical Support Engineer in 1991 after working for 2 years as a Training Coordinator for Apple Computer, Inc. Thabo held various positions as an Informix employee, including Trainer, Consultant, and Course Developer. Thabo is a Certified Informix Professional.

Session A2: The Python InformixDB API
Speaker: Carsten Haese
Company: Unique Systems, Inc.
Email: carsten@uniqsys.com

This presentation demonstrates how to install and use the InformixDB module that allows Python scripts to connect to an IBM Informix database. The presentation includes an overview of the InformixDB API followed by some examples of leveraging the versatility of Python with the power of Informix, such as programming dynamic web pages in Python and populating a spreadsheet with data from an Informix database.

Carsten Haese is a custom software developer for Unique Systems, Inc. with several years of experience in Informix based application development. In addition to Informix 4GL, Carsten uses open-source programming languages such as PHP and Python to develop Informix applications. He is the current maintainer of the InformixDB Python API module.

Session A3: Exploring IBM Informix Triggers
Speaker: Thabo Bopape
Company: IBM
Email: thabo@us.ibm.com

At the end of this presentation, you will be able to:
- List the possible uses for triggers.
- Use the CREATE TRIGGER statement to create a trigger.
- Create cascading triggers.
- Define multiple triggers on a table.
- Call a Stored Procedure from a Trigger.
- Understand how triggers are executed.
- Use triggers within transactions.

Marcellus Thabo Bopape, commonly known as Thabo, is a Technical Team Lead for IBM SWG, North American Lab Services Group. Thabo holds a degree from the University of California, Santa Cruz. He joined Informix Software as a Technical Support Engineer in 1991 after working for 2 years as a Training Coordinator for Apple Computer, Inc. Thabo held various positions as an Informix employee, including Trainer, Consultant, and Course Developer. Thabo is a Certified Informix Professional.

Session A4: Using Perl and DBI/DBD with Informix Databases
Speaker: Darryl Priest
Company: DLA Piper LLP
Email: darryl.priest@piperrudnick.com

We will be discussing the use of Perl and the database connectivity modules DBI and DBD::Informix used with Informix databases. We will show how to connect to database(s), fetch / insert / update / delete data from databases. Examples will also be presented of displaying data using CGI as well as writing reusable modules.

Darryl Priest was introduced to Informix databases in 1992 and has been using and administering them ever since. He started programming Perl in 1997 and was very happy to discover that Perl and Informix could be combined. He currently works for a large law firm supporting their Accounting and Human Resources systems.

Session A5: Why EGL? The Advantages of Utilizing EGL For Informix 4GL Development
Speaker: Sanjay Chandru
Company: IBM
Email: chandru@us.ibm.com

EGL is the development language of choice for Informix 4GL users. EGL allows 4GL users to leverage advanced MVC and service oriented architecture capabilities along with the traditional functionality that was available with Informix 4GL through an intuitive IDE. EGL provides a rich set of tools that allow 4GL users to utilize the latest Java and J2EE technologies without the learning curve needed to be productive. This presentation will include a demonstration of EGL capabilities.

Sanjay Chandru is part of the Enterprise Generation Language (EGL) EcoSystem team within the IBM software Group at RTP. He has been involved in both the design and implementation of key features in EGL, as well as Visual Age Generator over the last six years. He has published several technical papers on various aspects of Visual Age Generator and EGL, and has represented the Rational tools area in various technical conferences as a presenter.

Session A6: Converting Your Informix 4GL Application to EGL
Speaker: Jin Zhang
Company: IBM
Email: jinz@us.ibm.com

EGL has provided many capabilities that were long asked for by Informix 4GL customers. Now that EGL is here, we also have the I4GL to EGL Conversion Utility as a plug-in to automate a portion of your application conversion. This session will discuss some of the conversion best practices, conversion assumptions and processes, tips and hints. A live demo will be included as well.

Jin Zhang manages the development team for EGL as well as Informix 4GL to EGL Conversion Utility. Previously she has managed products like IDS and related components. She has over 10 years of IT experience and is also a certified IBM senior project manager and PMP.

Track A-Application Development

Session A7: Accessing Informix with ADO.Net
Speaker: Sean Durity
Company: Cornercap Investment Counsel
Email: sdurity@cornercap.com

After quickly dispensing with the basics of ADO.Net installation (CSDK 2.90) and connections, the presentation examines specific ADO.Net tasks. It then delves into a code-generating architecture for building your own strongly typed DataSets. Presentation will be updated for ADO.Net 2.0 if the technology and updated driver are released.

Working for a small financial firm, Sean has to practice what he teaches. His Informix experience ranges from 4GL and Informix SE through IDS and the TimeSeries DataBlade. He is primarily responsible for internal application development with Informix as the backend database. He is versed in Java and .Net (C#). Sean's non-professional interests are his family, fantasy football, and teaching the Bible.

Session A8: Exploiting the Advantages of SQL:1999
Company: Dick Snoke
Company: IBM
Email: dsnoke@us.ibm.com

The SQL-92 standard was replaced by the SQL:1999 standard, and most modern DBMS's support many of the features of the new standard. Application developers and DBAs must work together to gain advantage from the new language constructs. This talk will discuss how to do that in applications using IDS. The use of user-defined types, functions and routines, and the use of advanced SQL will be discussed with examples.

Dick Snoke is a long-time Informix partner or employee, now working for IBM assisting partners who include Informix products in their solutions. He has over 30 years of software development or sales experience on all manner of systems, mainframe to PC.

Track D-Database Engines and Administration

Session D1: Indexing & Fragmentation Strategies
Speaker: Mark Scranton
Company: IBM
Email: mark.scranton@us.ibm.com

This session will cover considerations and guidelines to follow when developing strategies for indexing and fragmentation in IDS. The session will be broadcast as a live teleconference for the December Informix Chat with the Lab.

Mark Scranton is a member of IBM's World Wide Technical Enablement group, focusing exclusively on Informix products. Formerly a Principal Consultant & Trainer, Mark has concentrated exclusively on the IDS and XPS engines since 1995, with strong emphasis on the internals and performance tuning. Mark has contributed to the IBM Informix Dynamic Server Computer Based Training courses, IBM Informix Dynamic Server Certification Tests, as well as many Informix training courses. He is also a coauthor of The Informix Handbook.

Session D2: Improved Scripting of IDS Alarms and Events
Speaker: Thomas Horner
Company: S1 Corporation
Email: thomas.horner@s1.com

This presentation covers seven shells I use to monitor our production Informix engines. Two covered in detail are enhancements to the alarm and evidence shells provided by IBM/Informix. I will show my changes to these shells (good through IDS 10.0), and how these changes prevent potential problems like multiple alarms flooding the system, and do log backups. Another shell covered in detail uses sysmaster calls to give advance warning that a dbspace is running low.

Thomas Horner started his IT career in 1971 in development, and started in the UNIX/C world at Bell Labs in 1981. He has over 15 years of experience in relational databases, including Informix (which he learned first), SQL Server, and DB2. He is now a senior DBA at S1 Corporation where three DBAs administer over 400 databases.

Session D3: Your New Friend: Server Studio
Speaker: Sean Durity
Company: Cornercap Investments
Email: sdurity@cornercap.com

Some people still wonder why Informix doesn't have graphical tools. It does -- Server Studio! Come and see a user-driven demo of the tools that can make your daily DBA or development tasks much easier. Note: this is not a sales pitch. Sean is just a satisfied user.

Working for a small financial firm, Sean has to practice what he teaches. His Informix experience ranges from 4GL and Informix SE through IDS and the TimeSeries DataBlade. He is primarily responsible for internal application development with Informix as the backend database. He is versed in Java and .Net (C#). Sean's non-professional interests are his family, fantasy football, and teaching the Bible.

Track D-Database Engines and Administration

Session D4: Understanding the Informix Query Optimizer's Explain File
Speaker: John Miller, III
Company: IBM
Email: miller3@us.ibm.com

In this session, you will learn the different parts of the explain file, the different optimizer operators, how to interpret the information in the explain file, and how to correct problems.

John F. Miller III is a member of the Resolution Team for Informix Technical Support, responsible for handling critical customer situations and developing support tools used by the Technical Support Organization. Before joining Informix, John attended Santa Clara University where he graduated with a BS in Computer Engineering. While at Informix, John has participated in several Online beta programs and many Elite Var Benchmarks including SAP and BAAN.

Session D5: Table Level Restore
Speaker: John Miller, III
Company: IBM
Email: miller3@us.ibm.com

In this session, you will learn the features of table level restore, performance tuning the process, example extraction commands, how to restore tables to different computers, and how to restore tables to an unload file.

John F. Miller III is a member of the Resolution Team for Informix Technical Support, responsible for handling critical customer situations and developing support tools used by the Technical Support Organization. Before joining Informix, John attended Santa Clara University where he graduated with a BS in Computer Engineering. While at Informix, John has participated in several Online beta programs and many Elite Var Benchmarks including SAP and BAAN.

Session D6: Exploring the IDS Sysmaster Database
Speaker: Lester Knutsen
Company: Advanced DataTools Corporation
Email: lester@advancedatatools.com

This session will focus on scripts to manage and tune your Informix Server using the Sysmaster database. The session will include several scripts that enable you to manage and optimize your database server. This session was presented at the Informix or IBM User Conferences in 1997, 2002, and 2004 and has been updated for IDS 10.

Lester Knutsen has been developing database applications with Informix databases since 1983. He is president of Advanced DataTools, an IBM-Informix Consulting and Training Partner specializing in data warehouse development, database design, performance tuning, and Informix training. Lester is president of the Washington D.C. Area Informix User Group, and one of the founding members of the International Informix Users Group. He is also a member of the IBM Gold Consultant program.

Track D-Database Engines and Administration

Session D7: Replication Solutions in the IBM Informix Database Engines
Speaker: Madison Pruet
Company: IBM
Email: mpruet@us.ibm.com

Replication is a strategic component of most companies, providing both distributed solutions and availability. This talk will discuss the two-replication solutions for IDS with emphasis on the newer technology, which was implemented in V.10.

Madison Pruet came to IBM as part of the Informix acquisition. He has been working on the Informix Database since 1995. He is one of the lead architects for the Informix Database and focuses mainly on Enterprise Replication. Prior to working at Informix, Madison was employed at La Quinta Inns and Sperry Corp.

Session D8: Phooey on GUI-Using HPL from the Command Line!
Speaker: Jerry Hamilton
Company: Fleishman-Hillard, Inc.
Email: hamiltoj@fleishman.com

Learn about the powerful and fast HPL tool to load and unload data from your database. This presentation will show you how to run the High Performance Loader against your Informix database from a command line script. Mouse! We don't need no stinking mouse!

Jerry Hamilton is the director of database administration for the business applications systems division of Fleishman-Hillard, Inc., located in St. Louis, Mo. He has worked in the information technology industry since 1979 and he specializes in database-driven applications and systems administration. Mr. Hamilton is a former board member and president of the International Informix Users Group.

Session D9: How to Configure Informix Connect and ODBC
Speaker: James Edmiston
Company: Quest Information Systems, Inc.
Email: james@questinfosys.com

This is a practical guide on how to configure the Informix Connect product to enable a Windows client application to access an Informix database. We will talk about the Informix products and components, focus on how to configure and test the Setnet32 utility, create an ODBC data source and demonstrate how these items are used by a client application to access an Informix database.

James Edmiston is a certified Informix DBA and has been using Informix products since 1996. He founded Quest Information Systems where he is a DBA consultant to the Federal Government in the Washington, DC area. His areas of work include database design and administration, data warehousing and application support. Prior to becoming a consultant he worked as an Information Systems professional for EDS, Mobil Oil, and SAIC, among others.

Session E1: New Features in IDS 10
Speaker: Carlton Doe
Company: IBM
Email: cdoe@us.ibm.com

This session will present a summary of the many new features in IDS 10.

Carlton Doe had over 10 years of Informix experience as a DBA, Engine Administrator and 4GL Developer before joining Informix in 2000. During this time, he was actively involved in the local Informix user group and was one of the five founders of the IIUG. He served as IIUG President, Advocacy Director, and sat on the IIUG Board of Directors for several years. He is best known for having written two Informix Press books on administering the IDS engine as well as several white papers and technical articles. He is currently working in the IBM Global Partner Organization where he gets to sell Informix products every day.

Session E2: IDS in a Linux-based Environment
Speaker: Craig Szczublewski
Company: Unique Systems, Inc.
Email: craig@uniqsys.com

The scope of this presentation is installing, running, and maintaining an IDS engine on a Linux based platform. The goals are to: show installation on alternative OS distributions like Fedora and CentOS and the nuances between distributions; tuning the Linux kernel environment; maximizing physical resources like memory and CPU; and version 2.6 kernel advantages with IDS 10.

Craig Szczublewski has managed Informix database engines for over eleven years on a variety of Unix based platforms. He has been managing multiple Linux based systems for clients since 1994 and has been deploying Informix in this environment since 1999. He holds a Bachelor of Science Degree in Computer Science and Engineering from The University of Toledo.

Session E3: Security and Encryption in IDS 10
Speaker: Dick Snoke
Company: IBM
Email: dsnoke@us.ibm.com

A discussion of the various methods for controlling access to data using authentication, privileges and data encryption. IDS v10 has a number of new features in this area that can enhance security if the limitations are understood and the features are used correctly. All the techniques/features/options in IDS will be discussed, and some suggestions will be made for useful combinations and practices.

Dick Snoke is a long-time Informix partner or employee, now working for IBM assisting partners who include Informix products in their solutions. He has over 30 years of software development or sales experience on all manner of systems, mainframe to PC.

Session E4: Unix DB2 Navigation for an Informix DBA
Speaker: Kate Tomchik
Company: Home Depot, USA
Email: kate_tomchik@homedepot.com

Many experienced Unix Informix DBAs are frustrated getting started with DB2. Not all can have access to the Windows based PC package used in the DB2 training class. I have compiled a cheat sheet of commands I use to do the basic functions in the DB2 world.

Kate Tomchik has been using database languages for over 20 years, and started about 14 years ago in Informix. She has been a DBA for Home Depot for 10 years. For the last 9 years she has been active in the Informix User Groups, originally with SEIUG and currently on the Board of Directors for IIUG.

Session E5: IDS Mobility on Demand
Speaker: Christine Normile, Anita Chung
Company: IBM
Email: christine.normile@us.ibm.com, chunga@us.ibm.com

This presentation explains how Informix Dynamic Server data can be extended to mobile devices using DB2 Everyplace to increase the productivity of your mobile workforce with up to the minute enterprise data stored in IDS.

Christine Normile joined IBM in 1997 as an IDS DBA and joined the Informix team after the acquisition as a technical specialist. Christine is currently Product Manager for IBM's flagship Informix Dynamic Server Database.

Anita Chung joined IBM in 2001 when IBM acquired Informix. Anita was formerly part of Informix R&D and since joining IBM has worked in a number of Product Management roles. Anita is currently Product Manager for IBM's mobility database, DB2 Everyplace.

Session E6: Connecting to IDS the Open Source Way
Speaker: Jonathan Leffler
Company: IBM
Email: jleffler@us.ibm.com

A high-level overview of the various ways that you can use Open Source tools to connect to IDS. Other speakers will go into more detail on many of these. The talk will briefly cover Perl, Tcl/Tk, Python, and PHP.

Jonathan Leffler started working with Informix products in 1986 with the 2.00 release of ISQL and 1.00 release of I4GL. He joined the UK office of Informix in 1990, and moved to California in 1993. He led the I4GL maintenance team and helped select and introduce D4GL, but has been involved in the design of IDS for the last five years. He has been active in the International Informix User Group since its inception, and regularly contributes to the main Informix news group, comp.databases.informix. He is the author of the book Using Informix-SQL, the program SQLCMD, and the Perl DBD::Informix module.

Session E7: IDS Extensibility for Business Advantage
Speaker: Jacques Roy
Company: IBM
Email: jacquesr@us.ibm.com

IDS extensibility has been with us for over 8 years now. All major database vendors have followed in IDS steps. Learn how you can have simpler application designs, higher performance and faster time to market by exploiting these features. This presentation explains why it makes sense and presents several examples including handling hierarchies, generating XML and using user-defined aggregates.

Jacques Roy has over 25 years of programming experience. His career led him from application development to focusing on hardware, followed by operating systems, and data management systems. 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 a contributor to IBM red books and the author of multiple articles found on the IBM developer works website.

Session E8: Pushing the Limits of Java User Defined Routines in IDS 10
Speaker: Hal Maner
Company: M Systems International
Email: hmaner@msystemsintl.com

This presentation is about how to create and deploy Java applications running in the database server. After a brief coverage of the Java environment setup in IDS 10, we show how to build a Java UDR application that goes far beyond the simple static functions one typically sees. Advantages and disadvantages of this method, as well as a step-by-step approach are covered.

Hal Maner is President and CTO of M Systems International, Inc. M Systems specializes in database application development/support, database administration, and network administration in the Windows/Unix/Linux platforms. He is certified in Informix, DB2, and Microsoft SQL Server databases. He has a Bachelor of Science in Automatic Control and Computer Engineering as well as an MBA plus 21 years of experience as a programmer, DBA, software architect, and team leader.

Session E9: SQLCMD-A Better DB-Access
Speaker: Jonathan Leffler
Company: IBM
Email: jleffler@us.ibm.com

Have you seen SQLCMD mentioned in the IIUG mailing lists or on comp.databases.informix? Now you can find out how to use it from the person who wrote it. SQLCMD is an alternative to the DB-Access program, with features that make it particularly valuable in shell scripts. It also has a history mechanism, and supports a multitude of input and output formats.

Jonathan Leffler started working with Informix products in 1986 with the 2.00 release of ISQL and 1.00 release of I4GL. He joined the UK office of Informix in 1990, and moved to California in 1993. He led the I4GL maintenance team and helped select and introduce D4GL, but has been involved in the design of IDS for the last five years. He has been active in the International Informix User Group since its inception, and regularly contributes to the main Informix news group, comp.databases.informix. He is the author of the book Using Informix-SQL, the program SQLCMD, and the Perl DBD::Informix module.

Session E10: Cloudscape-Past and Present
Speaker: Frank Koconis
Company: IBM
Email: fkoconis@us.ibm.com

Cloudscape (AKA: Derby) was one of the many "other" Informix databases, but it faded from view after the IBM purchase of Informix in 2001. However, it's back now, stronger than ever and growing in popularity once more. This presentation gives a brief history of the product and its current state, a technical overview of its features, plus exciting information about its promising future.

Frank Koconis worked in Partner Engineering at Informix for 3 years before IBM purchased Informix. Since the Informix acquisition, he has worked as a partner enablement consultant, supporting RDMS and ECM (Enterprise Content Management) products. He is a certified DBA for Informix Dynamic Server, DB2 UDB and Red Brick. He is also a certified Solution Designer for DB2 Business Intelligence and DB2 Content Manager.

Session E11: The WebBlade-The Most Productive Tool in the IBM Software Portfolio
Speaker: Paul Watson
Company: Wicked Frog Software
Email: paul@wfsoftware.com

The presentation will justify the statement made in the title, and demonstrate how with very little knowledge of html, large administration web sites can be built. And how with some html knowledge, complex websites can be prototype in a matter of hours.

Paul Watson has been working with Informix since 1990 in a mixture of environment and roles, both permanent and contract. Primarily a DBA working exclusively within the Online/IDS product range, in recent years he has worked extensively with the datablade technologies and in particular the WebBlade.

Track V-Vendor Presentations

Session V1: Cross-Platform, Cross-GUI Development with Genero from Four J's
Speaker: Joe Golden
Company: Four J's
Email: jgolden@4js.com

Four J's lets developers focus on the most important part of any application - the business logic. Come and hear how to build an application that won't break with a change to the OS, client GUI, or RDBMS.

Joseph (Joe) Golden joined Four J's in 2002. As Vice President of Sales in the United States and Canada for Four J's, he is responsible for continuing the solid revenue growth the region has demonstrated in this time period. Prior to Four J's, Mr. Golden held technical and sales management positions at AlphaBlox (purchased by IBM), Asymetrix (Paul Allen start-up with a successful IPO), and Microsoft.

Session V2: IDS DB Management and Performance Tuning with DBSonar by CobraSonic
Speaker: Eric Lam
Company: CobraSonic Software, Inc.
Email: eric.lam@cobrasonic.com

DBSonar combines a drill-down analysis approach with in-depth monitoring of the IDS engine: down from thousands of servers to a single SQL statement in 5 clicks! Customizable alerts are delivered via on-screen messages, SMS or e-mail. A comprehensive status report of DB, OS and HW along with suggestions for parameter improvements supports resource planning. A unique normalization algorithm for SQL statement analysis aids in tuning application performance, even without access to the application logic.

Eric Lam has been supporting Informix technology for over 13 years. He is the CTO and co-founder of CobraSonic Software, a Solution company specializing in Informix Management and Tuning tools. Before founding CobraSonic, Mr. Lam had been working with Informix as Sr. Regional Consultant for the Greater China Area, deeply involved in large-scale system design and optimization in various industries.

Session V3: Process Centric Computing

Speaker: Roy Gum
Company: Unify Corporation
Email: rgum@unify.com

Organizations looking to move from Informix 4GL to J2EE are faced with the difficult task of transitioning the skills of their staff while deploying information systems that automate critical business processes. These systems must combine human-to-human, system-to-system, and human-to-system activities into an integrated system, resulting in an automated representation of the business processes where human participants have access to a rich set of information so they can perform their decision-making or transactional tasks.

Roy Gum, VP of Marketing at UNIFY, is a 20 year veteran of the software industry with deep expertise in Java, Content Management, Collaboration and Service Oriented Architectures. Prior to joining UNIFY, Roy was a senior marketing manager at Documentum responsible for Content Management and Collaboration product lines.

Session V4: Informix-4GL Developers: Improve Productivity using FourGen CASE Tools
Speaker: Syed Kamal, Balakrishnan Ravi
Company: Gillani, Inc.
Email: kamal@gillani.com, bravi@gillani.com

Learn how FourGen CASE Tools software can be utilized as a Rapid Application Development environment for Informix-4GL programmers to create industrial strength applications. You can boost productivity and cut development time across the enterprise. Gillani Database Independence (DBI) tools allow 4GL users to natively run their applications on DB2 database.

Syed Kamal is CEO Gillani, Inc. He has over 12 years of application development experience ranging from strategic systems planning to process management. Kamal has helped a number of Fortune 500 companies develop business critical applications.

Balakrishnan Ravi is Technical Development Manager at Gillani, Inc. He oversees Development (R&D) and Support at Gillani and has been instrumental in creating the 4GL-DB2 compatibility using FourGen CASE Tools.

Track V-Vendor Presentations

Session V5- Leveraging the sysmaster Database to Graphically Monitor IDS
Speaker: Peter Richardson
Company: Rocket Software, Inc.
Email: peter.richardson@rocketsoftware.com

Informix Dynamic Servers sysmaster database provides a broad range of information that allows DBAs to better monitor and tune the performance of the database. In this talk, well review both the documented and undocumented sysmaster tables and introduce a Visionary-powered visual dashboard, which leverages the tables to produce a highly graphical performance monitoring solution. Complementary copies of the solution, complete with SQL & application sources, will be made available after the presentation.

Peter Richardson manages Rocket Softwares Business Intelligence Tools and Windows Applications business units. Prior to joining Rocket in 2000, he served as the Director of Engineering at SystemSoft where he co-invented self-healing technology that was widely shipped by PC OEMs before its acquisition by Microsoft in early 2000. Peter earned a BS/EE from the Royal Naval Engineering College in Plymouth, England and an MBA from Boston College.

Session V6- Information Management and IT Compliance
Speaker: Stephen Pickell
Company: Computer Software Alliance, Inc.
Email: spickell@csatech.net

Information Management and IT Compliance is a presentation and discussion on the challenges presented to IT professionals as a result of regulatory guidelines.   By managing information according to its significance, and by protecting the accuracy, integrity, confidentiality, and reliability of their information assets, organizations can meet their compliance requirements as well as realize significant business benefits. Managing information properly might be a regulatory requirement, but it is also critical to business success.

Stephen Pickell is a business and information consulting engineer providing customers technical solutions on advanced information systems, strategic planning, and business process reengineering. In 2003, he developed a process management solution, integrating process documentation with industry leading modeling tools. Prior to joining CSA, Stephen founded CSP Group, Inc., a process management and reengineering software and service organization. He has Bachelor of Science degrees in Economics and Computer Science from Central Missouri State University.

Conference Party at Dave & Buster's

The Conference Party will be held at Dave & Buster's, located at 2215 D&B Drive SE, Marietta, GA 30067 on Thursday night, starting at 7:30 PM. No Forum-sponsored transportation will be chartered. Attendees are responsible for transportation D&B's. A number of volunteers will rent or use their personal vans and minivans to shuttle people as needed.
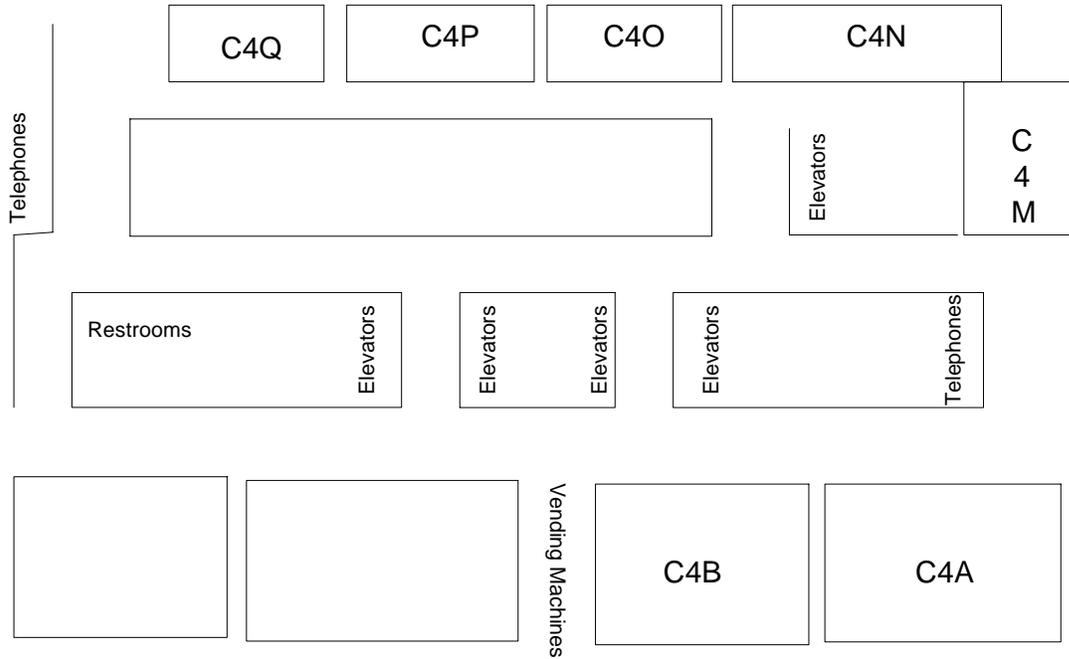
Attendees must wear or bring their conference badge to gain entrance to the party. One or more volunteers will stand at the door to assist in identifying attendees and get an accurate attendance count. D&B's serves alcohol, so everyone attending the party must be at least 21 or be accompanied by an adult, and have a valid ID.

Dinner service will start at 7:30 PM with a Mesquite Barbeque Buffet in The Showroom. There will be provisions for vegetarian dishes. Dinner, dessert, coffee, tea and soft drinks are free. There will be a cash bar. It is D&B's policy that no left over food may be taken from the premises.
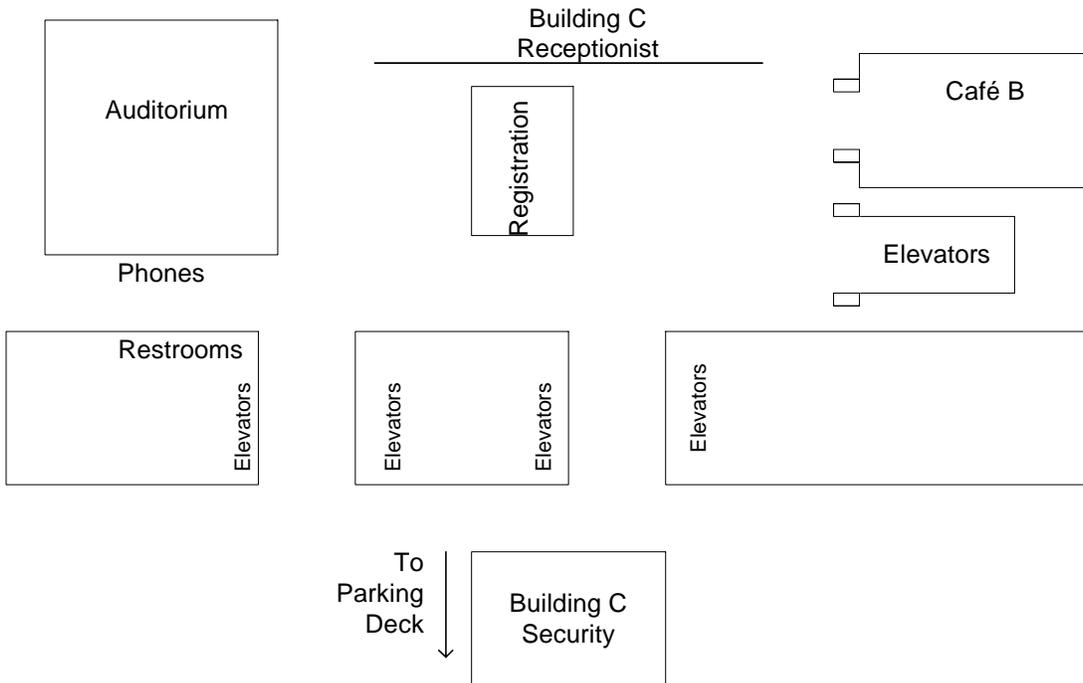
Each party attendee will be given a complimentary D&B's Power Card worth 21 chips plus 2.1 video chips. These cards are used to play the various games scattered about the venue. The party is scheduled to end at 1:00 AM Friday.

Forum 2005 Rooms and Floor Map

C4Q	C4P	C4O	C4N

Telephones

Elevators

C 4 M

Restrooms | Elevators | Elevators | Elevators | Elevators | Telephones

Vending Machines

| | | C4B | C4A |

Forum 2005 — Training Room Layout (Bldg C) — 4th floor

Auditorium

Phones

Building C
Receptionist

Registration

Café B

Elevators

Restrooms | Elevators

Elevators | Elevators

Elevators

To Parking Deck

Building C Security

Forum 2005 — Floor Layout (Bldg C) — Auditorium Level