

# INGRES USERS ASSOCIATION SPRING CONFERENCE

Wednesday 6th June 2007

De Vere Holborn Bars, 138 - 142 Holborn, London, EC1N 2NQ

AGENDA as at **31-05-2007**

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## Outline of the Day

<i>Time</i>	<i>What?</i>	<i>Where?</i>
08:30 - 09:30	Registration & Welcome Coffee / Tea	Foyer
09:30 - 11:05	<b>MORNING PLENARY</b>	Holborn
11:05 - 11:25	Morning Coffee & Biscuits	Foyer
11:25 - 12:40	<b>MORNING PLENARY</b>	Holborn
12: 40 - 13:40	Lunch	Foyer
13:40 - 15:05	<b>AFTERNOON TRACKS</b>	Holborn, Dickens, Nickleby, Copperfield, Oliver Twist
15:05 - 15:20	Afternoon Tea & Biscuits	Foyer
15:20 - 16:45	<b>AFTERNOON TRACKS</b>	Holborn, Dickens, Nickleby, Copperfield, Oliver Twist
16:45 - 17:00	All move to main room.	
17:00 - 17:30	<b>PLENARY Q&amp;A</b>	Holborn
17:30 - 19:30	Drinks & Snacks	Foyer

## Plenary AM

PLENARY AM: Chairman: David Postle	
08:30 - 09:30	<i>Registration &amp; Welcome Coffee / Tea</i>
09:30 - 09:35	<b>Ingres User Association: Chairman's Welcome</b> Speaker: <b>David Postle</b> , Chairman, UK Ingres Users Association
	<b>Ingres Northern Region: Welcome</b> Speaker: <b>Brian Mort</b> , VP Sales Northern EMEA, Ingres Europe Ltd
09:35 - 09:55	<b>Introducing Ingres</b> Speakers: <b>Fred Gallagher</b> , Vice President of Business Development, Ingres Corporation Abstract: In this session, Fred will summarize the strategic context to dramatically improving their speed to market and lowering the costs and complexities of managing enterprise software. He will set the scene for this morning's speakers who will then articulate, in detail, the strategy for partners and customers to realize greater value from their existing and new investments in Ingres.
09:55 - 10:25	<b>The Evolution of Ingres' Partner Ecosystem</b> Speaker: <b>Rukash Kumar</b> , Director of Alliances, NEMEA Abstract: Partners are a key part of Ingres' strategy. In this session, Rukash will provide an overview of Ingres's approach to Partnering: reasons why we partner, who we partner with and when we partner. Through examples of how we work with our partners, he will cover implications and benefits to our customers, partners and Ingres of an active and growing Ingres Partner community as well as some results over the last year.
10:25 - 11:05	<b>Ingres and Business Objects</b> Speaker: <b>Donald MacCormack</b> , Chief Transformation Officer, Business Objects UK Ltd
11:05 - 11:25	<i>Morning Coffee &amp; Biscuits</i>
11:25 - 12:15	<b>Ingres Technical Direction - The next 2 years</b> Speakers: <b>Emma McGrattan</b> , Senior VP of Engineering, Ingres Corp. & <b>Michael Sale</b> , Director, Service Product Management, Ingres Corp. Abstract: In the 18 months since Ingres Corporation was launched, many new products and services have been released to market and new technologies introduced to the Ingres community. In this session Emma and Michael will provide a high level overview of the technological innovations that you can expect to see from Ingres in the coming years. From VARS and System Integrators, to application developers and DBAs there's something that will be of interest to everyone in our plans.
12:15 - 12:35	<b>Strategic Innovation at Ingres: Software Appliances - The end of "Some Assembly Required"?</b> Speaker: <b>Roger Burkhardt</b> , President and Chief Operating Officer, Ingres Corporation Abstract: In this session, Ingres's President and Chief Operating Officer Roger Burkhardt will speak about Ingres's innovation agenda with a focus on extending its leadership in the emerging area of software appliances. He will discuss how Ingres is taking the guess work out of installing, securing, deploying and maintaining software solutions comprised of a mix of software components from a variety of software providers - both open source and traditional. Roger will highlight the positive feedback from Ingres Icebreaker released in 2006 and how Ingres is raising the bar with full life cycle offerings that leverage the new capabilities of the Ingres Service Network. Roger will also underline how Ingres's loyal customers and partners can benefit from Ingres' focus on and investments in innovative solutions.
12:35 - 12:40	Briefing on Afternoon Sessions
12:40- 13: 40	<i>Lunch</i>

## Afternoon Tracks – AT A GLANCE

Room:		Holborn		Dickens		Nickleby		Copperfield		Oliver Twist
	T1	Customer Case Studies	T2	Ingres Server Internals	T3	Developing with OpenROAD	T4	Integrating Ingres in Open and Closed Source worlds	T5	BI & DW on an Open Source Database
13:40 - 13:45		Chairman's Intro		Chairman's Intro		Chairman's Intro		Chairman's Intro		Chairman's Intro
13:45 - 14:25	T1 S1	OpenROAD eClient in the Enterprise <i>Kim Ginnerup</i> , Bording Data A/S	T2 S1	Ingres 2006 New Features <i>Roy Hann</i> , Rational, Commerce Ltd	T3 S1	OpenROAD 2006 New Features <i>Sean Thrower</i> , Ingres Europe Ltd	T4 S1	Introducing Eclipse DTP for Ingres <i>Jo Peel</i> , Ingres Corporation	T5 S1	Datallegro and Ingres <i>Anthony Howcroft</i> , General Manger, Europe, DATAIlegro
14:25 - 15:05	T1 S2	On-Line Driving Test Applications, with Ingres and PHP <i>Wojtek Rappak</i> , RationalCommerce	T2 S2	Challenges in Query Optimization Speaker: <i>Doug Inkster</i> , Ingres Corporation	T3 S2	Beyond OpenROAD 2006 - Open Source Plans <i>Durwin Wright</i> , Ingres Corporation	T4 S2	Choose your architecture, choose your language <i>Sean Thrower</i> , Ingres Europe Ltd	T5 S2	The Ingres Reporting Appliance <i>Michael Boyarski</i> , Sr. Product Manager, Ingres Corporation
15:05 - 15:20	<i>Afternoon Tea &amp; Biscuits</i>									
15:25 - 16:05	T1 S3	E_OP0393: The Devil's Own Error Code <i>Marty Bowes</i> , CTSU, University of Oxford	T2 S3	Smedley's Guide to Database Procedures <i>John Smedley</i> , Senior Architect, Ingres Europe Ltd	T3 S3	How transparent is OpenROAD's Unicode Support? <i>Durwin Wright</i> , Ingres Corporation	T4 S3	No Speaky the COBOL? - Ingres can speak your language <i>Grant Croker</i> , Ingres Europe Ltd	T5 S3	Deploying Ingres and Pentaho <i>Michael Boyarski</i> , Sr. Product Manager, Ingres Corporation & <i>Jim Jacoban</i> , CEO of Optwize
16:05 - 16:45	T1 S4	Log-based capturing from Ingres <i>Steve Shiel</i> , PSB High Volume Replication	T2 S4	Ingres NET: It goes in here, and it comes out... <i>Bruce Lunsford</i> , Ingres Corporation	T3 S4	Next Generation OpenROAD Server <i>Durwin Wright</i> , Ingres Corporation	T4 S4	Addressing SOA's Challenges with Ingres Technology <i>Bodo Bergmann</i> , Ingres Corporation	T5 S4	Predictable Service Levels with multiple technology vendors <i>Michael Sale</i> , Ingres Corporation
16:45 - 17:00	<i>All move to main room.</i>									
17:00 - 17:30	PLENARY Q&A									
17:30 - 19:30	<i>Drinks &amp; Snacks</i>									

## TRACK 1: Customer Case Studies

Room		Holborn
13:40 - 13:45		Chairman's Intro
13:45 - 14:25	T1/S1	<p><b>OpenROAD eClient in the Enterprise</b>                      Speaker: <b>Kim Ginnerup</b>, Bording Data A/S</p> <p>Abstract: Bording Data A/S has now delivered their first two projects with eClients in the Enterprise. This has brought up a number of questions and eye-openers. Is OpenROAD eClient ready for the Internet? This session will try to highlight areas that you have to consider before deploying eClients in B2B like solutions.</p>
14:25 - 15:05	T1/S2	<p><b>On-Line Driving Test Applications, with Ingres and PHP</b>                      Speaker: <b>Wojtek Rappak</b>, RationalCommerce Ltd</p> <p>Abstract: The development of an industrial-strength Ingres PHP driver means that PHP web applications can be built on top of an Ingres database. RationalCommerce has recently completed a major Ingres/PHP project for an Irish government agency client. Using PHP, we have developed an on line service which manages an annual volume of 100,000 driving test applications. The key to the success of this project is that it integrates Apache and PHP technology with Ingres in a service that is critically important, highly visible and politically sensitive. Given the robustness of the Ingres database server and the stability of the Ingres PHP driver a modernisation of the current system can be achieved at a fraction of the cost of a replacement system this project demonstrates what can be done with Ingres. Wojtek will also cover the technical side of the project: integration with Ingres via the PHP driver, client and server side validation, secure payment integration etc.</p>
15:05 - 15:20		<i>Afternoon Tea &amp; Biscuits</i>
15:25 - 16:05	T1/S3	<p><b>E_OP0393:</b>  <b>The Devil's Own Error Code</b>                      Speaker: <b>Marty Bowes</b>, CTSU, University of Oxford</p> <p>Abstract: In this session, Marty will be presenting a case study on the error E_OP0393 and the tools available to investigate the problem. This will include home made monitoring tools, as well as new and old features provided by Ingres to trace queries. Be warned: May include some bad language.</p>
16:05 - 16:45	T1/S4	<p><b>Log-based capturing from Ingres</b>                      Speaker: <b>Steve Shiel</b>, PSB High Volume Replication</p> <p>Abstract: HVR version 4 can now capture changes to Ingres by reading directly from the Ingres logfile and journals. The captured changes are parsed and applied to the target db as SQL (rather than just being applied using rollforwarddb). This presentation's main focus is technical issues, such as Ingres logging internals and the techniques we used. Other issues covered are licensing issues (e.g. Ingres's GPL), which Ingres versions we support and a comparison of log-based capture with trigger/rule-base capture.</p>
16:45 - 17:00		<i>All move to main room.</i>
17:00 - 17:30		<b>PLENARY Q&amp;A</b>
17:30 - 19:30		<i>Drinks &amp; Snacks</i>

## TRACK 2: Ingres Server Internals

<i>Room:</i>		<i>Dickens</i>
13:40 - 13:45		Chairman's Intro
13:45 - 14:25	T2/S1	<b>Ingres 2006 New Features</b> Speaker: <b>Roy Hann</b> , Rational, Commerce Ltd
14:25 - 15:05	T2/S2	<b>Challenges in Query Optimization</b> Speaker: <b>Doug Inkster</b> , Ingres Corporation Abstract: Some queries are inherently more difficult than others for a query optimizer to generate efficient plans. This session discusses the major phases of query compilation and sample optimizations that Ingres introduces at each stage. It then itemizes classes of difficult queries and describes recent changes to Ingres and changes under active consideration to assure the selection of the best possible plans.
15:05 - 15:20	<i>Afternoon Tea &amp; Biscuits</i>	
15:25 - 16:05	T2/S3	<b>Smedley's Guide to Database Procedures</b> Speaker: <b>John Smedley</b> , Senior Architect, Ingres Europe Ltd
16:05 - 16:45	T2/S4	<b>Ingres NET: It goes in here, and it comes out...</b> Speaker: <b>Bruce Lunsford</b> , Ingres Corporation Abstract: Network communications are often depicted pictorially as a "cloud", which for abstract purposes is usually sufficient. But it doesn't help much when you actually need to get client A connected to server B. This session provides an in-depth look into the Ingres communications "cloud", often referred to as Ingres/Net. We'll discuss how Ingres/Net works, what options are available and when to use them, how to configure them, and some basic tips for diagnosing connectivity problems. Topics included are security, vnodes (pre-defined and dynamic), direct connect, and usage with JDBC and .Net, Ingres/Star, EA and EDBC.
16:45 - 17:00	<i>All move to main room.</i>	
17:00 - 17:30	PLENARY Q&A	

## TRACK 3: Developing with OpenROAD

Room		Nickleby
13:40 - 13:45		Chairman's Intro
13:45 - 14:25	T3/S1	OpenROAD 2006 New Features Speaker: <b>Sean Thrower</b> , Ingres Europe Ltd
14:25 - 15:05	T3/S2	Beyond OpenROAD 2006 - Open Source Plans Speaker: <b>Durwin Wright</b> , Ingres Corporation
15:05 - 15:20	<i>Afternoon Tea &amp; Biscuits</i>	
15:25 - 16:05	T3/S3	How transparent is OpenROAD's Unicode Support? Speaker: <b>Durwin Wright</b> , Ingres Corporation Abstract: The Ingres support for Unicode allows application environments such as Java or the .NET Framework to build Unicode-enabled applications against Ingres. What about existing applications such as OpenROAD where the application contains hundreds of thousands or millions of lines of code? OpenROAD has developed a strategy that allows an existing OpenROAD application to build a localized version and switch to the use of a Unicode database schema. Future enhancements for support of Unicode will also be presented.
16:05 - 16:45	T3/S4	Next Generation OpenROAD Server Speaker: <b>Durwin Wright</b> , Ingres Corporation Abstract: The OpenROAD Server has evolved into a highly scalable solution that allows the partitioning of OpenROAD applications so that the 4GL business logic can be accessed from a variety of clients. These clients include OpenROAD, Java and .NET environments. The Java and .NET environments allow the leveraging of these technologies to provide web service access to the 4GL business logic host by the OpenROAD Server. The next generation of the OpenROAD Server is intended to continue this trend but will not be based on the Microsoft Distributed Component Object Model (DCOM) infrastructure. This means that on Linux and UNIX the dependency on the Microsoft libraries will be removed. This presentation will discuss how this will be done, backwards compatibility considerations and future capabilities.
16:45 - 17:00	<i>All move to main room.</i>	
17:00 - 17:30	PLENARY Q&A	

## TRACK 4: Integrating Ingres in Open and Close Source Worlds

<i>Room</i>		<i>Copperfield</i>
13:40 - 13:45		<b>Chairman's Intro</b>
13:45 - 14:25	T4/S1	<p><b>Introducing Eclipse DTP for Ingres</b>                      Speaker: <b>Jo Peel</b>, Ingres Corporation</p> <p>Abstract: This session will introduce the Eclipse Data Tools Platform plug-in for Ingres. It will show how developers can combine their existing Eclipse skills with Eclipse DTP and Ingres to become immediately productive. The session shows what you need to quickly develop database applications in the Eclipse framework with a minimum of fuss.</p>
14:25 - 15:05	T4/S2	<p><b>Choose your architecture, choose your language</b>                      Speaker: <b>Sean Thrower</b>, Ingres Europe Ltd</p> <p>Abstract: Ingres2006 is now very rich both in choice of architectures to best expose the databases' information resource, and in fast-development no-fuss interfaces for developers looking to exploit their existing skills, whether in open source, proprietary 3gl or proprietary 4gl. Architectures available now or imminently include Application-Server, Client-Server, Procedure-Server, Report-Server, Web-Services, and Portal architectures; Languages and generators include OpenROAD, C#/Java, and Eclipse. In consequence you can readily add value to existing applications with minimal risk, cost or re-skilling, which makes it worth doing regardless of your longer-term strategy. At the same time, experience shows that such features can have a long productive lifetime, because Ingres (unlike say Access or MySQL) does not need to be replaced when applications promote to mission-critical or enterprise-wide status. This presentation will illustrate the architecture and language/generator support that Ingres2006 will now offer.</p>
15:05 - 15:20		<i>Afternoon Tea &amp; Biscuits</i>
15:25 - 16:05	T4/S3	<p><b>No Speaky the COBOL? - Ingres can speak your language</b>                      Speaker: <b>Grant Croker</b>, Ingres Europe Ltd</p> <p>Abstract: Making your data available anywhere and at any time requires that you, as well as your database management system, need to speak many languages. This session will show how Ingres can hold its own with the different programming languages used in today's business environments.</p>
16:05 - 16:45	T4/S4	<p><b>Addressing SOA's Challenges with Ingres Technology</b>                      Speaker: <b>Bodo Bergmann</b>, Ingres Corporation</p> <p>Abstract: SOA promises higher flexibility and cost reductions by reuse of software components and business processes in loose-coupled systems. In order to fulfil these expectations, there are some challenges to meet, e.g. rapid implementation of new, flexible business processes and easy change ability of existing processes, redundant data storage, support of event-driven architecture (EDA) as complementing architecture, platform and middleware independence, open interfaces and interoperability as well as integration of mainframe and legacy data and applications. Ingres offers solutions to answer these problems, from the Business Open Source DBMS (Ingres2006) over solutions for enterprise-wide transparent data access (Enterprise Access) to the highly-productive 4GL-IDE for building distributed, platform-independent and highly-dynamic applications and services (OpenROAD). These solutions can be easily integrated into existing application and system environments.</p>
16:45 - 17:00		<i>All move to main room.</i>
17:00 - 17:30		<b>PLENARY Q&amp;A</b>

## TRACK 5: BI & DW on an Open Source Database

<i>Room:</i>		<i>Oliver Twist</i>
13:40 - 13:45		Chairman's Intro
13:45 - 14:25	T5/S1	<p><b>Datallegro and Ingres</b></p> <p>Speaker: <b>Anthony Howcroft</b>, General Manger, Europe, DATAIlegro</p> <p>Abstract: Data Warehouse appliances are being implemented in more and more major enterprises, often tackling very high data volumes (100TB+) with high performance and requirements for mixed query workloads. As a leader in this market, DATAIlegro chose Ingres as the underlying platform for its Data Warehouse appliance. This presentation explores the reasons for this choice along with the drivers behind the rapid growth of the DW appliance market, and shows how DATAIlegro have adapted Ingres for use in VLDW and large scale analytics.</p>
14:25 - 15:05	T5/S2	<p><b>The Ingres Reporting Appliance</b></p> <p>Speaker: <b>Michael Boyarski</b>, Sr. Product Manager, Ingres Corporation</p> <p>Abstract: Business Intelligence (BI) continues to be a growth area for CIOs, ISVs, SIs, and end customers. The value of information has never been more apparent for enterprises trying to improve their business productivity and competitive advantage. However, achieving the realized value of BI continues to frustrate customers due to lengthy implementations, costly integrations, and ease of use limitations. The Ingres Reporting Appliance is built to address these frustrations with a rapid deployment framework, pre-tuned configuration, easy to manage, ready to run BI platform. Now ISVs, SIs, and end customers can realize the value of BI at a fraction of the cost of traditional vendors. Come learn about the Ingres Reporting Appliance and join the new generation of Ingres technology.</p>
15:05 - 15:20		<i>Afternoon Tea &amp; Biscuits</i>
15:25 - 16:05	T5/S3	<p><b>Deploying Ingres and Pentaho</b></p> <p>Speaker: <b>Michael Boyarski</b> Sr. Product Manager, Ingres Corporation &amp; <b>Jim Jacoban</b>, CEO of Optwize</p> <p>Abstract: This session will outline a data management problem for the subprime consumer lending space and how Ingres and Pentaho (via our partner Optwize) have come in to implement a low cost yet robust reporting/BI solution to maximize profits and limit risks for the lender.</p>
16:05 - 16:45	T5/S4	<p><b>Predictable Service Levels with multiple technology vendors</b></p> <p>Speaker: <b>Michael Sale</b>, Director Service Product Management Ingres Corporation</p> <p>Abstract: This session will cover the delivery of specific service levels on an Ingres-based application systems via ITIL processes where multiple vendors and service networks are central to the next generation of "Enterprise 2.0" service.</p>
16:45 - 17:00		<i>All move to main room.</i>
17:00 - 17:30		<b>PLENARY Q&amp;A</b>