

IUA/CA IDMS Technical Conference
Session Abstracts

Session Name	Abstract	Speaker
Agile@CA and @CA IDMS	Agile Scrum is the software development methodology that has taken the IT world by storm, because it helps developers deliver what users really need, when they need it. CA Technologies as a company and the mainframe business in particular, has made a major commitment to Agile. The CA IDMS team developed CA IDMS 18.5 for both z/OS and z/VSE using Agile, and will be delivering the next release using Agile and the new CA mainframe incremental release policy.	Aline Gerew Dave Ross Steve Urquhart CA
Application Modernization Round Table	Come discuss your successes, challenges, and dreams for modernizing your applications.	Linda Casey Mindcore
Big Data and Analytics Keynote	Traditional data management is changing rapidly. Last year, CA reorganized several product families into the Data and Analytics Business Line to create synergies for CA IDMS and CA's other data management suites, and position CA to introduce Big Data Infrastructure Management solutions. Since the release of Hadoop 2.0, distributed (Hadoop) big data environments are emerging within many enterprises and they are realizing they need a more efficient way to view, monitor and manage their ever growing and disparate data environments that can include one or more Hadoop distributions and even the mainframe. Big Data is here; let's talk about what it can do for your business.	Kevin Goulet Mike Harer CA
Birds of a Feather (BOF)	Come participate in an open discussion of CA IDMS topics with CA technical staff, product management and CA IDMS customers. This is a great opportunity to talk directly with the staff that develops and supports CA IDMS as well as to network with other CA IDMS users and benefit from their experiences.	John Siraco CA
CA IDMS 19.0 SQL Enhancements for Modernization	Customers want to modernize their CA IDMS applications to take advantage of modern skill sets and technologies. The vision of CA IDMS 19.0 is to improve IDMS modernization using open source or 3rd party tools for better flexibility and improved productivity. This session discusses new CA IDMS SQL features that enable IDMS database access using standard SQL without major limitations.	Greg Beedy CA IDMS team CA
CA IDMS 19.0 Web Services for Modernization	The vision of CA IDMS 19.0 is to improve CA IDMS modernization capabilities through features that enable customers to expand investments in core CA IDMS applications and improve developer productivity using modern skills and industry-standard technology. This session discusses a CA IDMS 19.0 project to simplify integration of IDMS applications and Web services.	Greg Beedy The CA IDMS team CA
CA IDMS Buffer Tuning	This session gives you an overview of database and journal buffers and how they work, as well as how to tune your buffers for performance. You will learn how to size your database and journal buffer pools for performance and how to tune buffers to improve zIIP usage.	Ken Jonsword CA

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CA IDMS Index Tuning	Attendees will learn the physical characteristics that can be assigned to CA IDMS indexes and how they impact processing efficiency. They will also become familiar with the CA IDMS utilities that can be used to monitor the health of indexes and those that can be used to tune existing index structures.	Dick Weiland CA
CA IDMS Roadmap and Strategy	2014 has been busy in the CA IDMS world and this is your opportunity to hear directly about recent activity and what's ahead from CA IDMS product management team. This session covers CA IDMS release status and a discussion of the CA IDMS roadmap including hot areas such as modernization, Web services and Big Data. We encourage an open exchange of ideas about how CA IDMS can help your organization to meet your business requirements.	Greg Beedy Shelia Miller CA
CA IDMS SYSGEN Options for Performance	This session discusses the various CA IDMS System Generation parameters that can be adjusted to provide optimum performance. Topics include the System statement, Program/Task/Line statements, as well as operating system considerations.	Dan Parker CA
CA IDMS Versions 18.0+ zIIP Save You Money	Using zIIP in CA IDMS Versions 18.0 and 18.5 will save your organization money. Even if you exploit z/IIP in CA IDMS 17.0, versions 18.0 and beyond will save you more money. Significant architectural changes have been made to how CA IDMS utilizes zIIP processors, resulting in an increased percentage of CPU time spent on zIIP. This presentation shows you how, from implementation to measurement.	Chris Hoelscher Humana
Creative Application Tuning Techniques	<p>The purpose of this session is to introduce application designers and coders to a wide variety of tools and techniques which can be used to tune poorly performing applications. Using a case study approach, we will examine a number of common design problems, and our solutions. For each solution we will look at implementation techniques, and the effect that the solution had when applied to a live problem situation.</p> <p>Specific code examples will be reviewed, and the results of the tuning exercise will be presented. This paper will be of particular interest to Analysts and programmers, but there will be much food for thought for DBAs and others who are interested in technical topics. The examples will be of particular interest to any sites who have implemented CA-CAS modules.</p>	Gary Cherlet Independent Consultant
Database Procedures and Exits for Security	This presentation lays out the steps needed to write a database exit to encrypt and decrypt CA IDMS data at a field level. Sample code will be provided as well as all the accompanying external updates such as Schema and SYSGEN.	Terry Schwartz Dell

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Debugging CA ADS Dialogs: CA ADS Alive, CA ADS Trace and OLP	<p>In this session we will explain how to use CA ADS Alive to debug CA ADS dialogs by stepping through the process of:</p> <ul style="list-style-type: none"> • Setting breakpoints • Running the application, and • Viewing and modifying data at runtime <p>We will also see how CA ADS Trace can shed some light on common run-time problems, this will include using OLP effectively to see the trace output.</p>	Gary Cherlet Independent Consultant
Disaster Recovery	<p>The number of disasters events is increasing by the year. This session covers disaster recovery as a practice and then dive into disaster recovery techniques for CA IDMS. An actual CA IDMS case study will be covered as the class example.</p>	Terry Schwartz Dell
High Availability with CA IDMS	<p>Having your system available at all times has never been more important. CA IDMS offers many capabilities to facilitate high availability and 24X7 processing and new ones frequently added.</p> <p>Learn about parallel Sysplex features and topics related to database reorganization, dynamic system changes, time changes, statistics and software maintenance.</p>	John Siraco CA
Ideation: Customer Driven Requirements	<p>The CA Communities Ideation “Ideas” portal allows IUA/EIUA community members to voice product-specific ideas with the ability for all members to promote, demote, and comment on all ideas posted. As ideas are promoted, their scores increase, allowing CA Technologies to rank which suggestions and requests are considered most important to community members. Ideas can be enhancements to existing products or entirely new features. Comments on each idea are also important so a variety of customers can note benefits or concerns of the idea, and note value or additional considerations. This session includes time for live ideation where you can introduce your ideas.</p>	Sheila Miller CA
Managing XML Data in a CA IDMS Application	<p>We are modernizing our key CA IDMS order entry application by adding XML-based transactions. This session covers the architecture and processing used for XML input, XML output and SQL-based tables and procedures for data persistence and standardization of common routines.</p>	Paul McRoberts MPO
Manually Manipulating the Database with CA IDMS DML/Online	<p>CA IDMS DML/Online (DML0) is an interactive CA IDMS productivity tool which allows ad-hoc navigation, retrieval, and update of CA IDMS databases. This session offers a general overview of the tool and its capabilities along with a demonstration of various routine uses. Time permitting, some advanced topics will include CLISTS, EQUATES, and variable substitution.</p>	Linda Casey Mindcore

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Meet the CA Staff	The IUA/CA IDMS Technical conference is being held in the Framingham office which is the main development center for CA IDMS. This is a great opportunity to meet with the all the staff members including product management, development and sustaining engineering.	Greg Beedy Dave Ross John Siraco CA
Migrating from DB2 to CA IDMS: A User Story	This session will cover the process taken to convert a DB2 database to IDMS.	Grant Epstein HP
Modernizing CA ADS Applications	At our shop, CA ADS modules are taking on a new role as callable business logic in an SQL procedure. In this session we cover the new architecture for driving and running SQL procedures and how we've reorganized CA ADS code for this usage.	Kurt McKinney MPO
Native Web Services in CA IDMS and CICS	This session covers the techniques and code involved in writing web services in both CA IDMS and CICS. The material will cover outgoing and inbound web services using the CA IDMS TCP/IP facility and the CICS SOAP facility. The session also covers XML and Soap basics. Sample code will be provided in this session.	Terry Schwartz Dell
Online Community – Context, Collaboration & Content	Communities bridge the gap between CA Technologies, our customers and our partners. Community is where customers go to connect, learn, and share with like-minded professionals. Customers, partners and CA experts collaborate by asking questions and discussing CA Products & Solutions. Attend this session and learn more about our 40+ global communities, which offer you the opportunity to collaborate with tens of thousands of members around the world, as well as exclusive access to product questions and discussions, webcasts, online office hours sessions and product updates. In addition, CA Communities provide you with opportunity to help shape the future of CA products through product polls and ideation. Find out how CA Communities can help you get the most out of your investments in CA software – today and in the future.	Lenn Thompson CA
Point-and-Click Database Administration with CA IDMS Visual DBA	Attend this live demonstration to see how you can use a single, user-friendly interface to manage and monitor all of your CA IDMS™ Central Versions (CVs). Learn how to exploit its GUI capabilities to avoid coding JCL and memorizing syntax. New and veteran DBAs can benefit from the productivity features available in CA IDMS™ Visual DBA.	Cal Domingue CA

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SQL Web Connect for z/OS and z/VSE	Introduced in CA IDMS version 18.5, the SQL Web Connect feature allows all CA IDMS/DB customers to take advantage of SQL, ODBC and JDBC connectivity technology that previously was only available to customers who licensed the CA IDMS SQL and CA IDMS Server optional products. SQL Web Connect provides access for two concurrent users of dynamic SQL via ODBC and JDBC from the Web, Windows, Java and other non-mainframe platforms, as well as the usual CA IDMS tools (e.g. OCF, BCF). SQL Web Connect is perfect for prototyping, pilot projects, application development and low-volume application usage. This course provides guidance on the installation and management of the SQL Web Connect feature, for both the z/OS and z/VSE environments.	Dave Dillon CA
Upgrading Your System to CA IDMS Version 18.5	In this session you will hear about customer experiences upgrading CA IDMS version 18.5. Frank Vanderveken, of Colyru Group, gives his experience with CSM, goal and advantages of using CSM, difficulties encountered during configuration with CSM. Chris Hoelscher from Humana discusses the install from a non-CSM perspective.	Frank Vanderveken Colruyt Group Chris Hoelscher Humana
Using CA IDMS System Exits	This session describes the system exits available in CA IDMS. Practical uses for the exits are discussed as well as coding conventions.	Mike Picchioni Jake Hart CA
Using RESTful Cloud Services in CA IDMS/DC	In this session you will learn how to interact with cloud services (internal or external) using tools and software you have right now. We will define RESTful services and review some of the many services that are available for use right now. You will also see how to construct a CA IDMS/DC program that uses a RESTful service using just TCPIP. You will see it run and learn where you can get a copy of the source code. The sample program will allow you to interact with Microsoft OneDrive.	Tom Hebert Pat Roehl ObjEX