

# CONNECTIONS

Summer 1996, No. 34

## The Challenge of Change Can Be "Painless"

### Enabling CA-IDMS Client/Server Applications

by James Cone, Fel-Pro Inc

Coding client/server applications to operate on Legacy databases (such as CA-IDMS and VSAM) can be painless, once you get over the initial investment.

Investing in the CA-IDMS/SQL option and CA-IDMS-Server products, along with an investment in TCP/IP software, will provide the building blocks for access from Windows clients. Once in place, new GUI applications can push much executable code down to the individual Windows client, yet retain all the features and functionality of the CA-IDMS DBMS. Why move operational data to other platforms or DBMS's when you have such an investment in CA-IDMS systems already? Unless you are prepared to throw out much of your investment in CA-IDMS systems, you must seriously consider enabling new GUI front-ends to the existing systems.

As we replace applications with GUI applications, less and less code runs on the mainframe — offering an opportunity to downsize the mainframe or at least avoid upgrades.

By considering the mainframe CA-IDMS central version to be a Database "Server", you lose none of your original investment in your current databases, and you retain the integrity and reliability of CA-IDMS. You'll see how Fel-Pro Incorporated has successfully accomplished this.

To begin with, we chose the CA-IDMS/SQL and Server products because, compared to the Gateway solutions we looked at 3 years ago, it was the most cost effective alternative. Sybase and Information Builders both had gateway products, but to implement either would have cost us twice as much. We also liked the idea of having a single vendor to support this effort, making problem resolution more straight forward and direct. Once the software was installed, we set up a new Central Version to test it. The CA-IDMS/SQL option and CA-IDMS/Server products are easy to install, and reside on the mainframe within the "base" code of CA-IDMS itself.

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#### Pass it on!

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**Special  
Conference Issue**



## IUA Connections

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*IUA Connections is a quarterly publication of the Information User Association (IUA), designed to promote its members' objectives. IUA Connections is not responsible for the opinions expressed by its writers and editors.*

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## Board

James Winn

## IUA: In Rhythm for the Future

Since our last issue, much has happened in the world of the Information User Association. In April, we held yet another successful Workshop for our members. During the Workshop, we held board elections, which brought a few new faces to our group. Finally, we have been preparing for CA-World '96, one of the largest user forums of its kind, to be held in late August.

The Workshop, aptly titled "The Rhythm of the Future," was designed to enhance users current understanding of CA products and services and provide valuable insights into the future. Sunday was filled with advisory committee meetings, a business issues forum and a welcome reception. Monday and Tuesday were the heart of the Workshop, with more than 35 in-depth sessions and vendor presentations. We wrapped up the Workshop on Wednesday with the CA-IDMS Midwest Users Group for all that chose to withstand Chicago's blustery weather.

*The Workshop, aptly titled "The Rhythm of the Future," was designed to enhance users current understanding of CA products and services and provide valuable insights into the future.*

During the Workshop, the board held elections for the coming year. Once again, I have been honored to receive the post of IUA National Chairperson. The success of this position depends heavily on the activities of all of our volunteers, and I wish to thank all of you for supporting the IUA. Janet Schwartz will now hold the



James Winn

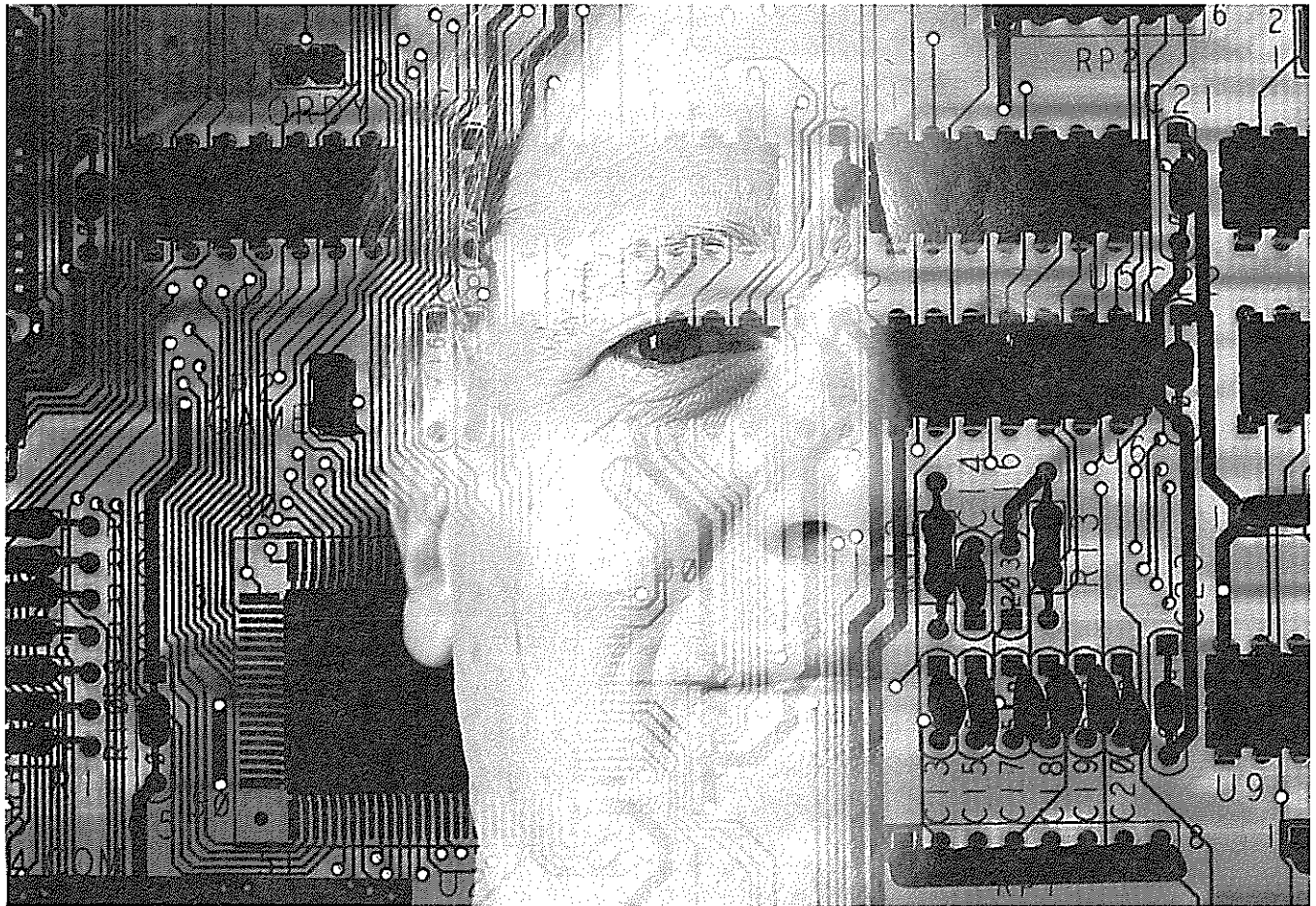
positions of National Vice Chair and Planning Committee Chair. Her desire to always go that extra mile will certainly be appreciated in this new position. IUA welcomed two new board members — Chris Hoelscher, who has contributed heavily to *IUA Connections*, joins us as the new Communications Chair. We also welcome Phil Loethen to the position of Nominations Chairperson. A full listing of all positions is included in this issue.

IUA is also gearing up for CA-World '96, a CA user extravaganza, to be held August 25-29 in New Orleans. With keynote speakers General Colin Powell and Bill Gates, the conference is sure to draw a record crowd of at least 15,000. IUA will certainly make its presence known at both the Information Management Conference (IMC) and the Business Applications Conference (BAC). A detailed description of available sessions can be found in this issue of *IUA Connections*.

Finally, I would like to share with you my trip to Helsinki. No, I will not bore you with a 35mm slide show. While I was abroad, I was fortunate enough to meet with our European counterparts, the EIUA. I had the opportunity to take part in the European IUA meetings, which are designed to bring together the CA-IDMS user group chairpersons of various countries to discuss global CA-IDMS issues. This spring's meetings were held in conjunction with the 15th anniversary of the Finnish IDMS Users Seminar. These meetings have provided a great opportunity for the IUA and other members of the EIUA to share. ♦



# The World's Leading High-Tech Companies Run On CA-OpenIngres.



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## Open Your Mind To OpenIngres

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## We Want You

Do you want a voice in telling CA how you want your products enhanced? Do you want to have a say in what the IUA does? Do you want to help select classes and sessions at IMC, BAC, or the IUA Workshops?

Volunteer! We need your help! It does not take much time and provides many rewards. We meet three times a year — in the early spring in conjunction with our Workshop, in the summer at IMC and BAC, and in the late fall for planning. You already attend two of these now. Find out what is happening in the CA-IDMS and related products world. Help set directions for both the IUA and CA.

What are your interests — End user tools? DBA technical issues? Application development? CA provided applications (i.e. CAS)? There is a place in the IUA for you. Is there a project or product you would like to develop but need sponsorship? Volunteer now and learn how giving your time can benefit you.

Call IUA Headquarters at (312) 321-6827 for more information.

## Products Galore

What does the IUA offer you in addition to the annual IUA Workshop, IMC, and BAC? Read on.

### Automated CA-IDMS Dump Analysis (AIDA)

Interactive Problem Control System (IPCS). IPCS is an IBM product included with MVS/XA, MVS/ESA and VM/XA. The IUA has coordinated the collection of a series of TSO CLISTS that use IPCS to automate the analysis of CA-IDMS dumps. The joint development effort resulted in the IUA Automated IDMS Dump Analysis (AIDA) product.

### Duplex Journalling

The Duplex Journalling product developed by the IUA provides

CA-IDMS Release 10.2 and 12.0 customers with the ability to create an up-to-the-second backup of the active journal file being used by the IDMS database system. This duplicate journal file ensures that NO transaction will ever be lost in the event of a hardware failure involving the IDMS system's active journal file.

### EUDTAC UCL

These diskettes, sponsored by the End User and Development Tools Advisory Committee (EUDTAC), are a collection of tools, utilities, files and procedures submitted by users to support the end-user environment.

### Hot Backups

IUA's "Hot Backup" diskette provides CA-IDMS Release 10.2 and 12.0 customers with the ability to provide their end users with uninterrupted database service 24-hours per day, seven days per week. This software package consists of a total of four programs (3 COBOL and 1 assembler), dictionary and system changes in syntax format, and a 40-plus page comprehensive users manual.


### Membership Directory

This directory consists of all the members of the IUA. This directory also includes advertisements from third-party vendors. (Please call IUA Headquarters at (312) 321-6827 if you are interested in advertising in our next membership directory).

### OLQ Menu Mode User's Guide

This manual guides end users in using OLQ Menu Mode.

### Technical Advisory Committee User Contributed Library (TAC UCL)

The mainframe tape, sponsored by the Technical Advisory Committee (TAC), is a collection of applications contributed by users, for users. 



## It's Time to Come HOME!

Yes, IUA's Home Page is now up and running! Now, you have access to all types of IUA information, including:

- leading-edge technical tips
- upcoming meeting information
- a current list of board members and their contact information


and much more!

Check us out! Our address is <http://www.iuassn.com>.

*Note: Because of the new home page, the IUA Bulletin Board System service ends June 30, 1996.*

**TAC Update** Chris Hoelscher

## CA-IDMS Enhancement Ballots to be Distributed

The Technical Advisory Committee (TAC) has compiled the enhancement requests submitted by CA-IDMS clients and has produced the 1996 CA-IDMS enhancement ballots. You, the CA-IDMS clients, will have the opportunity to select the enhancements that CA will include in future releases of CA-IDMS. Distribution of the ballots is planned for third quarter 1996. 



# Who Says You Can't Win 'Em All?

CA-Unicenter® just did.

Again. CA-Unicenter is the first (and only) product to ever win the CIO's Readers' Choice Award three years in a row.

In category after category, CIOs chose CA-Unicenter over all the competition. They overwhelmingly voted CA as their preferred choice for Security. They said CA-Unicenter was easier to use. They said it was backed with the best service and support. Offered the best features. Came with the best documentation. And was supported

by the Preferred Business Partner, Computer Associates.

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## Challenge of Change

*continued from page 1*

Once installed, you can create SQL schema definitions from your network schemas by issuing the command:

### CREATE SCHEMA FP FROM NONSQL SCHEMA FELPRO;

You should also update your current network schema definitions with the new 12.0 options that will be used by the SQL Optimizer: MODIFY RECORD record-name ESTIMATED OCCURRENCES nnnnn. MODIFY AREA area-name ESTIMATED PAGES nnnnn.

Next to install is the communications software. TCP/IP solutions are available from IBM or Interlink. Setup of either is fairly quick and easy. Next you must install the free CA90s software which runs on the mainframe, ENF and CCI. ENF (Event Notification Facility) is the "listener" and "router" of requests for CA-IDMS access. When TCP/IP requests are received for CA-IDMS, they are passed to the ENF software. CCI (Communications Control Interface) is the actual communications piece which CCI server and clients use. Once a "CCI" request is received by your TCP/IP gateway, it is passed to the TCP/IP server on the mainframe. The TCP/IP server "routes" CA-IDMS requests to ENF which passes them on to the mainframe CCI component which then communicates with the CA-IDMS central version. Within the CV, you define a line with LTERM, PTERM definitions to define the access from CCI:

### ADD LINE CCILINE TYPE IS CCI.

### ADD PTERM CCIPTERM1 TYPE IS BULK.

### ADD LTERM CCIL- TERM1 PTERM IS CCIPTERM1.

You will also want to add a task (copy definition from RHDCNP3S) in CA-IDMS and code appropriate internal and external wait parameters. Each client task allocates one of the CCI terminals and invokes the new "RHDCNP3S" task.

Next you must configure the Windows client by installing the CCI and CA-IDMS-Server client software. TCP/IP also needs installed client software. Once installed, configure the client using the ODBC Administration software to define CA-IDMS data sources, servers, and CCI parameters. There are testing facilities that ensure a proper installation. The final step is to install your development environment and create an application. Many tools are available, including Powerbuilder and Visual Basic to create your application. Once all connectivity and install issues have been addressed, you can change the Data Source definition to point to your production CV and off you go.

For more information on enabling CA-IDMS for Client/Server applications, stop by CA-World '96, where there are several presentations that address the specifics of installing and configuring your environment. ♦

## EUDTAC

Carol Silberstein-Locker

## Share Your Tips

One of the services that the End User and Development Tools Advisory Committee (EUDTAC) provides is a PC-based User Contributed Library (UCL). The UCL consists of user contributed documentation and source code for tips, subroutines, programs, and other things that a member has developed and is willing to share with other members of the IUA.

The EUDTAC committee has just reviewed and upgraded the current EUDTAC UCL and is looking for more contributions. DO YOU HAVE an innovative IDEA/SOLUTION/TIP that you would be willing to share? It is easy! Send your contributions today to the IUA Headquarters for inclusion in the next/upcoming release. Your efforts will be rewarded with a free copy of the next release!

### Let Your Voice Be Heard

EUDTAC is currently preparing an enhancement ballot. It will list those changes you have requested to the CA products that enable end users to access their data (i.e. CA-Visual Express, CA-OLQ, CA-IDMS/Server, CA-CULPRIT) as well as PC-based development tools (i.e. CA-IDMS/PC). You will be able to vote on each request and tell us what changes would be most beneficial to you. With the combined voice of the IUA membership we can direct CA in how we want the products enhanced. Look for the EUDTAC ballot soon after IMC '96.

### Everything You Wanted To Know About Culprit But Were Afraid To Ask

Be sure to stop by the IUA booth outside the technical campground at IMC at CA-World '96 to see the rough draft of the new End User's Guide to CULPRIT. This manual is a how-to-guide to code from the simplest to the most complex CULPRIT programs. Get your order in early (encourage us to do more)! ♦

# IMC At



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## The Future Of Information Technology

Make your plans now! Be a part of CA-World'96—the most informative and educational event of the year.

CA-World'96 highlights include:

- FREE Formal Education Courses.
- IMC and Cross-Conference User Sessions.
- The World Resource Center featuring state-of-the-art Test Drive areas and hundreds of exhibitors demonstrating their latest solutions and enterprise-wide technology.
- Key CA development and support staff providing new product demonstrations, hands-on training, topical presentations, and one-on-one meetings.
- CA-World'96 and conference-specific keynotes.

This year's **Information Management Conference** has it all. From mainframe to desktop, IMC'96 will provide you with the information necessary to bring your CA-IDMS® Database into the next millennium. It is essential in today's business environment to be able to integrate information technology across all products and all platforms.

Come and find out what is going on inside CA-IDMS to help you resolve these important business issues. You will also discover what is brewing in other new technologies. This year's IMC will help you implement successful plans for today and assist you in planning for continued success tomorrow. Don't miss it!

**To receive a preliminary agenda  
or more information, call  
1-800-CA INFO96 (224-6369).**

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# IUA Announces 1996 Executive Board

## National Chair

James Winn  
Williams International  
810/960-2552

*James is responsible for overseeing all IUA activities. He plays a significant role in the shaping of IUA policy, strategy for the future and day-to-day activities.*

## National Vice Chair, Planning Committee Chair

Janet Schwartz  
Alamo Rent-A-Car, Inc.  
954/527-4792

*Janet acts as chairperson pro tem in the absence of the elected National Chairperson. She advises the chairperson and other officers, committees and directors on any matters that come before the Executive Board. Janet presides over the planning meeting and conducts the annual strategic planning review.*

## Secretary-Treasurer, Conference Committee Chair, Applications Advisory Committee (AAC) Co-Chair

Mel Dennison  
Dennison & Associates  
201/786-5002

*The Secretary-Treasurer is responsible for the official minutes, correspondence, and financial reports of the organization.*

*The Conference Committee is charged with the responsibility of working with Computer Associates to develop programming for the IMC and BAC conferences at CA-World.*

## Communications Chair

Chris Hoelscher  
Hoelscher Consulting  
614/798-9060

*The Communications Committee oversees the development of IUA Connections, the IUA Web site and various communication vehicles.*

## Products & Services, Workshop '97 Chair, Applications Advisory Committee (AAC) Co-Chair

Humbert Piscitelli  
Lockheed Martin Tactical Defense Systems  
330/796-8272

*Applications Advisory Committee keeps up on the latest applications development in the areas of areospace and defence, CA-CAS, and human resources, and makes suggestions for their use in CA systems.*

## Advisory Committee, RUG, TAC Chair

John Fisher  
216/243-5020

*The Advisory Committee Chairperson oversees the activities of each advisory committee. The Regional Users Group (RUG) coordinates regional and national group activity and communications. The Technical Advisory Committee (TAC) covers all aspects of CA-IDMS and related software products, including enhancements and features.*

## Marketing, EUDTAC Chair

Carol Silberstein-Locker  
Wells Fargo & Company  
602/731-1354

*The End User and Development Tools Advisory Committee (EUDTAC) covers products directed toward end-users, including user access to information and the administration and support of end user computing and development tools. The marketing chairperson is responsible for promoting the IUA.*

## Nominations Chair

Phil Loethen  
HSL  
618/692-4757

*The nominations committee is responsible for recommendations for candidacy to the Executive Board.*

## Business Issues Forum Chair

Terry Wright  
Ross Products Division  
614/624-5786

*The Business Issues Forum focuses on customer issues related to all CA products and services.*

## Applications Advisory Committee (AAC) Co-Chair

A. Scott Rosales  
ASR Computer Services, Inc.  
512/918-0018

## Director

Joseph Wodushek  
Waukesha Engines  
Division of Dresser Industries  
414/549-2878

## Director

James Cone  
Fel-Pro, Inc.  
847/568-2620

## Director

Val Morgan  
Telecom Asia  
662/643-1111

## Director

Doug Weaver  
Memphis Light, Gas and Water  
901/528-4876

## Director EIUA Representative

Rauno Kokko  
Rauno Kokko Consulting  
358/0-4555-940

## IUA Executive Director

James Weir  
Information User Association  
312/321-6827

*James Weir serves as the primary contact with the association in developing and implementing programs, as defined by the Executive Board.*

## Computer Associates (CA) Representative

Denise Gormley  
Computer Associates International  
516/342-6000

*Denise Gormley represents Computer Associates International as a designated IUA board member.*



# Welcome Aboard

IUA welcomes the following members to their positions on the executive board. Feel free to contact any of these members with questions or comments.

## Welcoming New Faces on the Executive Board

Two new members were elected to the IUA Executive Board:

**Chris Hoelscher**, Hoelscher Consulting, was appointed to the position of Communications Chairperson. Hoelscher recently worked for Liebert Corporation as a DBA and has over fifteen years of data processing experience. He spent the last eight years as a CA-IDMS Database Administrator. He also served as the Chairperson of the Ohio Valley

User's Group for three years. Hoelscher will serve as Chairperson for the *IUA Connections* newsletter.

**Phil Loethen** was appointed to the position of Nominations Chairperson. Loethen is currently the Director of Marketing for Hybrid Systems Ltd., Inc (HSL). He has over twenty years of experience in data processing and thirteen years in the CA-IDMS arena. The first ten plus years were spent in application development and database design. Loethen recently developed and designed the IUA's Home Page.

Newly appointed to the IUA Executive Board is **Doug Weaver**, Memphis Light, Gas and Water. Weaver has worked with CA-IDMS for approximately eleven years as both a developer and DBA. He is also president of the local Tennessee CA-IDMS User Group.

**Rauno Kokko**, Rauno Kokko Consulting, was recently appointed to the IUA Executive Board. He has been an EIUA board member for several years and will represent the EIUA as a director on the IUA board. ♦

For more information on IUA and CA-World, visit IUA's Web site:  
<http://www.iuassn.com>



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- Key CA development and support staff providing new product demonstrations, hands-on training, sessions, and one-on-one meetings in the Technical Campgrounds.
- CA-World'96 and conference-specific keynotes.

CA-World'96, covers the latest topics and emerging technologies in application development, including: GUI development, visual tools, managing century date conversion, reusability of legacy systems, enterprise-wide data access, downsizing, offloading, and scalability of applications.



# Join Us in New Orleans!

JoAnn Gartland  
IMC Conference Chair



You are cordially invited to attend the Information Management Conference (IMC '96) at CA-World '96 in New Orleans August 25-29. Regardless of your focus or your position in the company, there is something for everyone.

The IMC sessions are presented in three tracks: Desktop, Industry Trends, and Mainframe. Within each track, presentations are geared to introductory technical, advanced technical, management, and end user interests. A few of the sessions are highlighted below, but refer to your copy of the Preliminary Agenda to see a complete list. (If you do not have the preliminary agenda, call 1-800-CA-INFO96 (224-6369).

## Desktop Track

This track provides detailed implementation options in sessions such as *Matching CA Client/Server Solutions to CA-IDMS Application Needs*. CA-Visual Express is back with introductory, advanced topics, and report writer lab sessions. If your job is coding, take the *ODBC Programming Lab* (3 parts) covering the programming components of using ODBC to access data in a client/server application as well as networking and configuration issues; or, see how the University of North Carolina developed an Internet interface to CA-IDMS.

## Industry Trends Track


Most managers will find their highest concentration of relevant topics in the Industry Trends track which spans platforms and technology solutions and demonstrates how technology helps meet business goals. There are sessions such as *The Cost of Client/Server* that review current cost item issues and considerations as well as *Business Use of the Internet*, which gives you examples of how companies, governments, and organizations are reaching new markets via the Internet.

Other sessions such as *JAVA: Its Impact on Managing Your Enterprise* demonstrate how the JAVA environment can increase company productivity. There are also multiple sessions on the many aspects of Data Warehousing: *An Object Oriented Data Warehouse*, *From Data Model to Data Warehouse*, and *Data Warehousing: Practical Tips for Successful Implementation*.

Each of these sessions will help you to manage and utilize your information resource. Another "can't miss" session is the *IUA Business Issues Forum*, August 28 at 3:00 p.m. — this forum is an opportunity to discuss user/vendor issues affecting your organizations productivity and profitability.

## Mainframe Track

The Mainframe track covers all of the traditional issues and more. There are 12.01 security sessions, *CA-IDMS/DC and CA-IDMS/UCF Internals*, and *CA-IDMS Performance and Tuning*. The mainframe thread has expanded the coverage on various aspects of SQL. PDVSA Services Inc. presents a session on their use of *SQL Table Procedures*, along with a "how to" session from Computer Associates staff.

The conference also offers sessions on the *CA-IDMS/DB SQL Option* (in 6 parts), and *SQL Performance and Tuning*. CA presents *CA...CA-IDMS and Dynamic Routing in a Multiple CV and CPU Environment* — a topic of interest to anyone wanting to explore the sysplex environment. This session is complemented by another presented by CA: *CA-IDMS and Dynamic Routing*. 



# CA-World '96: Session Highlights

## IMC Sessions

### Desktop Track

#### **I2120S: Matching CA Client/Server Solutions to CA-IDMS Application Needs**

*Computer Associates Staff Member*

This session details CA's client/server solutions for accessing CA-IDMS. A comparison and contrast of several end user and CASE development tools is offered. These tools include CA-Visual Express, CA-Visual Realia, CA-Visual Telon, CA-Open ROAD, Gateways, and the CA-IDMS Server. The session discusses how the CA-IDMS developer can integrate these new technologies into mission-critical enterprise solutions that match business requirements within the guiding principles of CA90s.

#### **I2320LRA: ODBC Programming Lab**

*Computer Associates Staff Member*

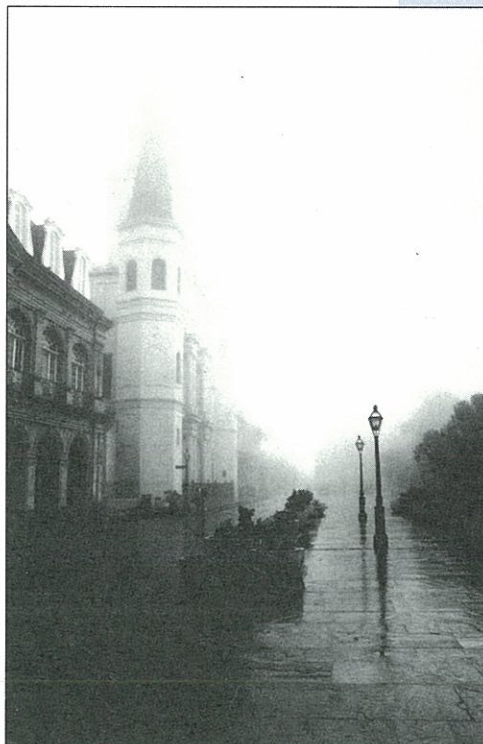
This newly written hands-on lab covers the programming components of using ODBC to access data in a client/server application. The workshop includes using one of the following GUI client/server tools (CA-Realizer, CA-OpenROAD, CA-Visual Realia) to access the various ODBC functions in the context of a business transaction. In addition, the session covers all of the peripheral items such as: networking issues, ODBC configuration, ODBC tracing, ODBC testing and application debugging. You can also explore the SQL grammar and call level interface capabilities.

#### **I2160D: Accessing CA-IDMS Data via the World Wide Web**

*Christopher Kaman,  
Administrative Data  
Processing*

The session outlines the experiences at the University of North Carolina in developing an Internet interface to CA-IDMS using Visual Basic and the CA-IDMS Server. An online demonstration is provided using Netscape.

*continued on page 12*



## Opportunities Abound at CA-World '96

If you attended CA-World '95, you know what an unbelievable opportunity CA-World '96 promises to be.

The Information Management Conference (IMC) and the Business Applications Conference (BAC) have a wide variety of sessions that give practical instruction. BUT IN ADDITION to those you can attend sessions in any of the 14 different conferences, and receive free pre-conference education from specialists like Amdahl, Learning Tree International, and Microsoft, to name a few.

CA-World '96 also offers keynote addresses from some very impressive people:

### **Sunday, August 25th**

Charles B. Wang delves into Computer Associate's focus and direction.

### **Monday, August 26th**

Retired General Colin L. Powell shares his military experience and solutions for success.

### **Tuesday, August 27th**

William H. (Bill) Gates, Chairman and CEO of Microsoft Corporation, shares his leadership secrets and his vision for the future.

If that's not enough to keep you busy, you also have the World Resource Center, which includes hundreds of exhibitors in 250,000 square-feet of technology. Each day will give you access to hardware vendors, software vendors and value-added vendors. Exhibitors like Hewlett-Packard, Sun Microsystems, Microsoft Corporation, Amdahl, IBM, and many more.

Computer Associates doesn't forget the opportunities to make new contacts. Attend the CA-World Event night and sample delicious Cajun food while you meet people from all aspects of information technology. Participate in the conference event nights and catch up on what your peers are doing while you enjoy the atmosphere of New Orleans. See you there!





## IMC Sessions

...continued from page 11

### Industry Trends Track

#### I1230S: The Cost of Client/Server

*Computer Associates Staff Member*

On the surface, client/server is almost irresistibly attractive. Many IT managers are jumping into the client/server waters before checking how deep the water is, and drowning in a flood of unexpected costs. Hidden beneath the surface are unexpected costs that in some situations, can actually make client/server systems more expensive to buy, build, implement, and manage than the traditional centralized mainframe environment. This presentation discusses current industry issues and client/server cost item issues and considerations.

#### I1520S: Business Use of the Internet

*Gary E. Brooks, Digital Equipment Corporation*

The Internet is now open for business! Every day, companies, governments, and institutions, find new ways of saving and making money on the Internet, the world's largest computer network. Whether you are already connected to it, or just thinking about getting your feet wet, this non-technical seminar will help you explore how and why you should be looking at new business opportunities on the Internet. Come hear examples of how companies, governments, and organizations are reaching new markets and enhancing business performance via the Internet.

#### I1670S: JAVA: Its Impact on Managing Your Enterprise

*Wendy Talmont, Sun Microsystems*

Java allows you to transparently reach into the network and grab programs from anywhere. This model

provides unprecedented flexibility and raises questions about the way we manage and secure our distributed computing environments. This session discusses what's new with "hot" Java and the impact that Java has on managing your enterprise.

#### I1820S: An Object-Oriented Data Warehouse

*Jim Phillips, International Software Products*

This session will detail a data warehouse based on CA-IDMS data but using photographs instead of the usual tables of letters and numbers.

#### I1830S: From Data Model to Data Warehouse

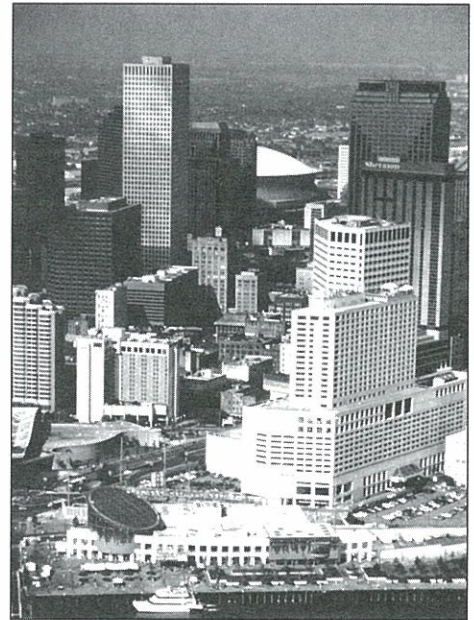
*Carol Silberstein-Locker, Wells Fargo & Company*

What are Data Models and Data Warehouses? How do you get both your application design and your data from a data model to database and finally to a warehouse? How do your models help get you there? Attend this session to learn the answers to the above questions.

#### I1890S: Data Warehousing: Practical Tips for Successful Implementation

*Arvind Shah, Performance Development Corporation*

In the rush to construct a Data Warehouse many potential problems and pitfalls are being overlooked. The problems fall into roughly three categories: conceptual, managerial, and technical. The most important aspect of these pitfalls and problems, however, is that they involve everyone, from senior business executives to IS technical personnel. The best way to solve problems is, of course,



to anticipate and not let them become problems. So, the discussion of solutions to possible problems becomes practical tips for anyone who wishes to build and manage a successful data warehouse.

### Mainframe Track

#### I4740E-A-I: CA-IDMS/DC and CA-IDMS/UCF Internals

*Computer Associates Staff Member*

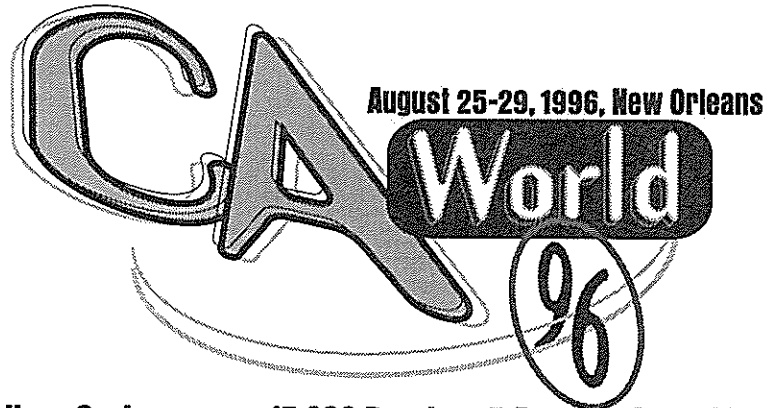
This course is designed to provide an understanding of the functions of the major processing components within the CA-IDMS/DC and CA-IDMS/UCF system. Participants will learn how to locate specific control blocks and the information they contain. This course includes a detailed discussion of how a user request is initiated in the system, and how scarce resources are allocated to active user requests. Information on the course aid those who tune the system and isolate system errors.

*continued on page 14*

**For more information, please call  
1-800-CA-INFO96 (224-6369).**



# BAC At



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- CA-World'96 and conference-specific keynotes.

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## IMC Sessions

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### I4750E-A-I: CA-IDMS Performance and Tuning

*Computer Associates Staff Member*

This course focuses on the tools and techniques used to monitor the database and data communications systems of CA-IDMS used to meet stated performance goals. The emphasis is on establishing monitoring procedures, and on using those procedures to detect discrepancies between desired and actual performance. The class document serves as a reference for establishing and interpreting the statistics reported by the monitoring procedures. This course also examines how database structure and database access can affect performance.

### I4120S: SQL Table Procedures

*Pablo Jerez, PDVSA Services Inc.*

This presentation shows how to create Table Procedures, how to use them, and some other useful features PDVSA has.

### I4100E-A: CA-IDMS/DB SQL Option

*Computer Associates Staff Member*

This course teaches the SQL option of the CA-IDMS/DB Release 12.0. Education Class BR121.

### I4725S: SQL Performance and Tuning

*Computer Associates Staff Member*

This session covers the guidelines for testing performance of SQL queries and examining implementation options for costly queries. Included topics will be non-SQL database access, table procedures, SQL query optimization, and debugging techniques.

### I4790S: Dynamic Routing in a Multiple CV and CPU Environment

*Janet Schwartz, Alamo Rent-A-Car, Inc.*

This session describes the techniques employed at Alamo to dynamically route CICS, batch, and

DC programs to the desired CV. The techniques employed eliminate the need for program/JCL changes when databases are moved from CV to CV or CVs are moved from CPU to CPU and reduces the use of a CV router for batch and CICS programs.

## BAC Conference Highlights



### Humbert Piscitelli BAC Conference Chair



On behalf of the Business Applications Conference (BAC) Committee, I would like to encourage you to participate in the BAC Conference, which will be one of the 14 user conferences held at CA-WORLD '96.

The committee, comprised of team leaders from several user groups as well as Computer Associates, has been working diligently since October '95 to structure sessions that are timely, product specific and extremely informative for both end users and IT professionals.

The BAC agenda is segmented into five tracks: CA-CAS (manufacturing and financials), General Interest, Human Resource, CA-Consol and CA-Masterpiece/2000. Each track is comprised of sessions developed by your peers and developers from Computer Associates. They are comprised of related sessions and educational seminars that follow a specific objective - to provide you, the user, with high quality, cost-effective and education. There is no doubt that the BAC, IMC and the other conferences will undoubtedly exceed the scope and success of the two previous CA-WORLD Conferences.

Some of the tracks and sessions are highlighted on the next page. Please refer to the Preliminary Agenda to review a comprehensive schedule of all the BAC activities at CA-WORLD '96. If you have not received a preliminary agenda, please call 1-800-CAINFO96 or "surf the net" at <http://www.cai.com>.



## **BAC Sessions**

### **CA-CAS (Manufacturing and Financials) Track**

#### **B4014S: Interfacing CA-CAS and CAPP Systems**

*Dennis Beauchene, Waukesha Engine Division*

This session addresses the implementation of a computer-aided process planning (CAPP) software package at Waukesha, and the required interface (work enter and routing maintenance) to the CA-CAS Shop Floor Control module. Using CAPP software, all process development and maintenance is performed on a distributed platform and subsequently uploaded to CA-CAS.

#### **B4030S: Theory of Constraints Finite Scheduling with CA-CAS**

*Juris Brants, Rockwell Automotive*

This session includes the implementation of a CA-CAS interface theory of constraints based planning and finite scheduling system.

#### **B4070S: CA-CAS and Data Warehousing**

*Tom Hebert, Hebert Consulting, Inc.*

This session deals with converting the raw data in CA-CAS into information and making it available to end users using end user tools. The primary focus is on supporting the sales and operations planning process at build-to-stock companies. Information includes analyzing projected sales, production and inventory in units, cost and sales dollars. The session deals with the experiences of two CA-CAS sites and their data warehouse efforts. The first created external data stores using the SQL option and CA's Workbench product. The second approaches it using CA-Culprit. One site also made the Sales and Operations Planning information portable.

#### **B4164D: CA-CAS Workbench and CA-CAS General Ledger**

*Humbert Piscitelli, Lockheed Martin Tactical Defense Systems*

A demonstration of General Ledger Journal and Account Analysis using CA-CAS:GL and the CA-CAS Workbench. CA-CAS Workbench is our new end-user query, report, and data analysis product.

#### **B4600S: Internet Access to CA-IDMS/UNIX**

*Maneesh Gupta, George Mason University*

The increasing popularity of the Internet presents corporations with an opportunity to disseminate their corporate information to a broader base of customers. This presentation focuses on providing access to "live" data stored in a CA-IDMS/UNIX database using the World Wide Web. Topics include an overview of tools such as ODBC, HTML, Visual Basic, and Netscape. Examples of existing solutions using these tools will be provided.

#### **B4610S: Integrating CA-IDMS/UNIX and CA-Unicenter**

*Kevin Molloy, George Mason University*

As an integral part of rightsizing your application, you will need to provide support for job scheduling, event management, and bulletproof security. This session outlines how CA-Unicenter assisted in the offload of an entire CA-IDMS mainframe application to CA-IDMS/UNIX. Topics include job scheduling (for CA-IDMS batch programs), automating CA-IDMS/UNIX database maintenance tasks, database backup/recovery, and additional security tactics.

#### **B4740S: Migration for CA-IDMS Mainframe to UNIX**

*Curtis Breden, Breden Software Services*

This session describes the steps necessary to successfully move data from a CA-IDMS mainframe database over to CA-IDMS/UNIX. Topics include data extraction and conversion, data definition, index and set relationships.

### **Human Resources Track**

#### **B3013D: HR Business Process Improvements and Legacy Systems Coexistence**

*Donald Kimbriel, Arizona Public Service Co.*

Improve Human Resource services by improving the business processes. Sounds good, but just how do you make it happen? In this session we share Arizona Public Service's approach to implementing process improvements, which were the results of an internal study to improve Human Resource services. The process improvements were implemented while maintaining the balance with existing legacy systems.

#### **B3021S: CA-HRS to CA-HRISMA Functionality Comparison**

*Mel Dennison, Dennison & Associates*

This session compares the functionality of CA-HRS to the CA-HRISMA client/server product. Migrating options are also discussed.

#### **B3010S: Payroll Issues & Answers**

*Jim Maumus, American Payroll Association*

A representative from the American Payroll Association discusses current issues regarding payroll processing.

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## BAC Sessions

...continued from page 15

### **B3023S: Automate, Outsource, or Obliterate?**

*Lynne Ellis, Spang & Company*

In today's environment of reengineering, changing paradigms, pushing envelopes, and all the other buzzwords, just what does a small or medium-sized employer do when it comes to tracking information? Is it really necessary to send something outside your firm, buy a separate software package to track it, or, horror of horrors — maintain the data at all?

### **B3301S-A: CA-HRS Product Issues and Roundtable**

*Mel Dennison, Dennison & Associates*

This is a chance to meet colleagues with the same product that you have. Ideas are exchanged, solutions are shared, and product issues discussed. There will be an opportunity to discuss specific questions with the product owner.

### **B3303S: Managers Using HRIS Data**

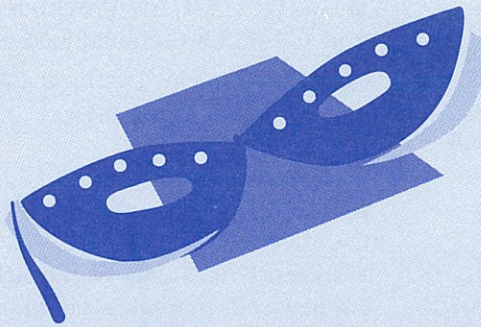
*Carolyn Schneck, Wrangler, Inc.*

This session describes the processing Wrangler has developed for downloading and using HRIS data for critical management analysis, employee communications, and critical internal and external reports.

### **B3304S: Multiple Pay Sites In CA-HRS**

*Anne Daffron, Wrangler, Inc.*

This session describes the processing Wrangler has developed to accommodate the necessity of running payrolls from multiple sites from one common CA-HRS system database.



## **Information User Association**

# **Summer Meeting Schedule at CA-World '96**

### **Friday, August 23, 1996**

Planning Committee . . . . . 4:00 - 8:00 p.m.

### **Saturday, August 24, 1996**

Nominations Committee . . . . . 5:00 - 6:00 p.m.

EUDTAC . . . . . 5:30 - 8:30 p.m.

Technical Advisory Committee . . . . . 5:30 - 8:30 p.m.

Products & Services . . . . . 6:00 - 8:00 p.m.

### **Sunday, August 25, 1996**

Applications Advisory

Committee . . . . . 10:00 a.m. - 2:00 p.m.

### **Monday, August 26, 1996**

Advisory Committee Chairs . . . . . 7:30 - 9:00 p.m.

### **Tuesday, August 27, 1996**

Communications Committee . . . . . 1:30 - 2:30 p.m.

Executive Committee . . . . . 2:30 - 4:00 p.m.

### **Thursday, August 29, 1996**

Executive Board . . . . . 3:00 - 6:00 p.m.

