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International Software AG Users' Group Newsletter

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Correction

In the article by Alan Florence entitled "Data Dictionary SIG Report" appearing in the February issue of the Users' Group Newsletter, "NATURAL cross-reference generator from the State of Colorado" should have read "NATURAL cross-reference generator created by Charley Fields from Fashion Bar, Inc."

President's Message

Jennifer Lee

The Aerospace Corporation

I have very much enjoyed serving as President this past term and feel the Executive Committee activities have been very rewarding both for me and the Users' Group. This year's Executive Committee successfully accomplished its major goals in a highly interactive environment, albeit complicated by the limitations of distance. I found my co-Committee members to be extremely professional and hard-working and deserving of a great deal of credit. Particular honors are due several members and friends who were called upon to assume responsibilities beyond their original commitments.

Mr. Brett Aubrey, Trans-Canada PipeLines and SAGGROUP Vice-President, has provided me with considerable support and excellent advice. Mr. Aubrey graciously consented on very short notice to perform the task of revising the Constitution and preparing the ballots. Mr. Aubrey is also overseeing the task of consolidating user suggestions with regards to the agenda for the New Orleans Conference and of forwarding user recommendations to Software AG.

Ms. Dian Odell, Evans Products and SAGGROUP North America Area Representative, chaired the Nominations Committee for the second year in a row and was extremely skillful in obtaining suitable candidates for next year's Executive Committee. Ms. Odell has been a valuable asset to the Executive Committee in providing useful comments and suggestions for every aspect of its activities.

Mr. Alan Shue, Manus Services Corporation and ADABAS Product Coordinator, conscientiously reviewed every user presentation abstract submitted for the New Orleans Conference and assisted in coordinating the agenda for the user sessions at the Conference. Mr. Shue has been very active in the user community and is a proven friend of the Users' Group.

Mr. Keith Newsome, Washington State Data Processing Service Center, compiled the statistical results of the Technical Support Survey, which had been distributed in 1982.

Mr. Bob Becker, Foremost Insurance, chaired the Technical Support Committee and prepared the SAGGROUP recommendations and trend analysis from the 1982 Technical Support Survey. Mr. Becker then coordinated the user group analysis with Software AG and published the results along with a new improved questionnaire for the 1983 survey. Mr. Becker's efforts have provided the user group with a continuing evaluation of Software AG's technical support.

I would also like to commend Ms. T. Lynne Snelling, our Change/Enhancement Coordinator, for her accomplishments in generating the current Change/Enhancement lists and improving the entire Change/Enhancement process.

Last, but not least, I extend the appreciation of the user community to Mr. Larry Jayne for his efforts as the User Group Liaison. His responsiveness and organization skills have enhanced the role of Liaison and have been a progressive factor in strengthening the Users' Group's relationship with Software AG.

In reviewing the general status of the Users' Group there is an obvious need for the establishment of a more formal regional organization. The International Users' Group is guided in its activities by the Constitution, but derives its

basic support and continuity from the independent regions and regional areas. A more highly organized region is likely to be more effective, lend better support, and be less affected by changes in leadership. One means of achieving a more efficient organization is to clearly define the bylaws of the region and make them available to members.

The bylaws should at least specify the following items:

- 1) the organizational structure of the region, defining its officers and committees and their respective duties and scope of activities;
- 2) the order of succession and contingencies for vacancies;
- 3) the timing of meetings, the guidelines for scheduling meetings, and the various types of meetings or sessions that may take place during a regional meeting;
- 4) the rules for conducting business within the region;
- 5) the election procedures, which encompass voting membership and candidate qualifications, the nominations process, the distribution of ballots, and the election process;
- and 6) the means of amending the bylaws.

Additionally, the regional bylaws should address the entire matter of membership in the region. The SAGGROUP Constitution states that "any organization which is granted a license by Software AG to use a Software AG product is a member of SAGGROUP." It is left to the region, however, to determine whether to accept non-licensed users as members. Many regions feel that consultants and users that

Users' Group News



share a site in common with a licensed membership organization contribute greatly to their regional meetings and have, therefore, included them on their mailing lists. Although the formal voting procedure of SAGGROU P limits each installation to one ballot per licensed product, each region is at liberty to establish its own procedures. It is incumbent on the region to determine its own membership policy.

Consultants have submitted articles to the newsletter, served on Special Interest Committees, and assisted in Users' Group coordination activities. Consultants are admitted to our International Conference and Software AG has made special provisions for consultants at the New Orleans Conference. The Users' Group Newsletter has also been made available to consultants for an annual subscription fee, upon request to the Users' Group Liaison. Both the Executive Committee and Software AG recognize the valuable relationship consultants have with the Users' Group.

Every region should formally declare the provisions of its organization and membership, being careful to ensure the privacy of privileged information according to the wishes of the licensed installations. Publication of a region's bylaws will clarify the rules of operation for the membership at large and greatly improve the functioning of the organization as a whole. The Pacific Southwest Region is in the process of adopting a set of bylaws and I encourage each region to review its own operating procedures and define a set of bylaws in turn.

Users' Conference Technical Agenda

Larry Jayne
Software AG

The 12th International Software AG Users' Conference is right around the corner. The registrations are pouring in and it looks like the number of attendees will again set a new record.

This conference, to be held June 5-9, 1983, in New Orleans, is going to be as busy and exciting as ever. The technical agenda is being finalized in preparation for inclusion in the Conference Proceedings and it includes the following topics:

I. SAGNA PRESENTS

Data Dictionary
Directions
NET-WORK Update
NATURAL Security
NATURAL/VSAM
ADABAS in a VM/370 Environment
Software Engine and the Application Software Industry
Teleprocessing Directions
ADABAS Future Directions
Technical Support Solutions
XA Design Review

II. USER PRESENTATIONS

ADABAS

Performance Evaluation Report and Special DBA Tools

Robert J. Becker
Foremost Insurance Company
Grand Rapids, Michigan

This presentation will address the ADAM file organization, ways of optimizing the dumping of your entire Data Base, performance tuning measurements and adjustments, as well as the ADAFXSEQ Special DBA Tools program. This program allows one to remove files from a dump tape to be subsequently loaded to a new or original Data Base.

Documenting Security in Your Dictionary

Thomas R. Bradbury
HAY Computer Services
Philadelphia, Pennsylvania

This report explains how HAY has been able to secure ADABAS on a file level, outside the workings of ADABAS. It also describes the method we use to secure NATURAL at the logon level using security by value. Finally we describe how to document security, using our non-secret passwords.

Designing a Tablefile for Your Database

Thomas R. Bradbury
HAY Computer Services
Philadelphia, Pennsylvania

This paper is on the importance of a tablefile, its advantages and disadvantages, and the fields necessary to make it a success.

Experiences in Tuning ADABAS 4.1

Terry Buckles
Washington Library Network
Olympia, Washington

This paper covers the Washington Library Network's (WLN) experiences in tuning ADABAS after the conversion to version 4.1. The paper deals with what WLN experienced, and how WLN tuned its system.

ADAMON—A Real-Time Monitor for ADABAS/VM

Thomas Dimock
Cornell University
Ithaca, New York

ADAMON is a real-time monitor developed at Cornell to facilitate performance measurement and user billing. This paper discusses some of the design considerations and technical problems involved in building such a tool.

Security Without Secrets

*R. E. Ebeling
The University of Texas
at Austin
Austin, Texas*

It is possible to specify the password required by the ADABAS security system in a manner that does not require the ADABAS password to be stored anywhere in the application code. The ADABAS passwords are associated with the logon ID of the user for both on-line and batch programs—regardless of whether it is a NATURAL, COBOL/ADAMINT, or direct call program.

Using ADABAS for Managing an ADABAS Environment

*Barbara B. Friedman
University of Rochester
Rochester, New York*

Our data base is growing continually and being used from a variety of remote sites. We have created three ADABAS files specifically for administration and control of our data base environment: Validation-Tables, File-Status and Development-Dictionary.

Accounting for the Usage of the ADABAS Nucleus

*Derek Harrison
RHM Computing Limited
Harlow, Essex, England*

How to account for the usage of the ADABAS nucleus was our problem—and how to charge our users the right amount of money. Our solution was to use a blend of user exits from SMF and ADABAS, and to "join" them through a table of users in common core.

ADABAS Availability/Performance Management

*Bob Holub
Superior Oil
Houston, Texas*

This presentation describes an approach to managing the performance and availability of ADABAS. The approach includes determining what influences ADABAS performance, how to measure and control

ADABAS performance, as well as a data base design to support a performance reporting structure. Each step of the approach is explained and examples are shown.

ADABAS Performance and CPU Upgrade

*M. Katsura
Nissan Motors
Japan*

Forseeing the possible shortage of computer facilities in the future, Nissan carried out bench-mark tests to learn how system performance and throughput would change by increasing and upgrading the CPU and peripherals. I would like to introduce the result of the bench-mark tests and their analysis.

Performance Monitoring at NOVA, an Alberta Corporation

*Douglas Kelly
NOVA, an Alberta Corporation
Calgary, Alberta, Canada*

Keeping track of six ADABAS MPMs and 3 to 6 million ADABAS commands a day requires good monitoring tools. At NOVA, an Alberta Corporation, SAS is used to produce daily reports and periodic graphic output to assist in the monitoring process.

From ISAM to ADABAS Version 3.2.1 to Version 4.1

*Harriet A. Marisa
University of Rochester
Rochester, New York*

From ISAM to Version 3.2.1 to Version 4.1—The major production systems at the University of Rochester used a common I/O interface for accessing the ISAM files. This interface was rewritten to allow conversion to ADABAS. Details of the new interface and its problems will be discussed.

A Generalized ADABAS Table System

*Rodger A. Mattlage
The Boston Company
Boston, Massachusetts*

The system supports many user-defined tables on one simple ADABAS file. The system provides on-line definition and maintenance of any of its tables with dynamically built screens and data verification. The concepts and facilities of the system are discussed.

Buffering Applications From the Database

*Paul L. Meier
Verex Assurance, Inc.
Madison, WI*

Buffering your database environment with simple tools like this interface allows additional manageability and simplifies user access. The increased flexibility has given us a new dimension for developing additional software capabilities for both DOS and MVS ADABAS environments. Existing programmers are more productive than they have been and new employees are brought up to speed faster than they would have been without an interface like this one.

ADABAS Performance Analysis, Tuning and Capacity Prediction "A Systematic Approach"

*Hans Stoker
Office of the Administrator
for the Courts
State of Washington
Olympia, Washington*

This session will be a 'How-To' presentation on ADABAS Performance Analysis and Capacity Management. I will discuss the techniques I use to systematically monitor and improve performance on ADABAS version 4. I will also talk about some of the more obscure tuning changes that can have a dramatic effect on performance.



Designing Online Systems in the ADABAS Environment

*Ted Venema
Block Bros. Datacentre
Vancouver, B.C.
Canada*

A methodology for designing online systems using ADABAS. The methodology demonstrates an approach to software development that incorporates concepts from both software packaging and custom design.

Dual Disk Protection Logging

*Richard Wolverton
Commercial Union Insurance
Company
Boston, Massachusetts*

The Disk Protection mechanism as provided by Software A. G. is insufficient by itself for use in the production environment at Commercial Union. In order to take advantage of the benefits of having the Protection Log on disk, Commercial Union needed to provide for the automation of log copying and the automatic recording of the volume serial numbers of the tapes onto which the logs were copied. This was accomplished through modification of the User Exit 2 provided on the DBA Tools tape, the writing of several NATURAL and PL/1 programs and the creation of a series of CLIST's. This system has been very effective for Commercial Union. We have never lost protection data through hardware, software, or human error.

NATURAL

Managing NATURAL User Programs Using VSAM Program Libraries

*James Bando
Verex Assurance, Inc.
Madison, WI*

Using the NATURAL CMPEXIT facility and storing NATURAL programs on a VSAM file can be very beneficial for many organizations. It has provided Verex Assurance with better program security, better program documentation, and better program availability than using the standard NATURAL facilities.

Productivity Considerations for On-Line System Design

*Rodger A. Matlage
The Boston Company
Boston, Massachusetts*

Issues and techniques affecting the productivity of designers, implementers and users of on-line systems are summarized. The issues affecting Function Selection, Response Time and Screen Design are covered in detail. Examples of designs which enhance (and examples which inhibit) productivity are presented.

COM-PLETE

COM-PLETE Response Time Study at Ethyl Corporation

*Eric Stratmann
Ethyl Corporation
Baton Rouge, Louisiana*

Detailed report of the findings obtained from a concentrated study of on-line computer response time on a COM-PLETE Version 4.1 system. The report includes objectives of study, tuning techniques used, and statistical reports of results.

A Powerful Set of COM-PLETE Utilities

*Ray L. Thompson
City of Olathe
Kansas*

This presentation summarizes the utility Software acquired and developed by the City of Olathe, a suburban Kansas City community of 42,000, dur-

ing their recent conversion to COM-PLETE. With its programming staff of four people using these assembler and PL/1 utilities, Olathe has written NATURAL programs against VSAM files, developed online reports which interactively sort using ISAM, BDAM or VSAM, eliminated all card handling with its Data Entry Utility, and been able to recover from problems using CCUPDT which updates, adds or deletes records in ISAM, BDAM or VSAM files.

Dynamically Determining ADABAS File Users Under MVS

*B. W. Wagner
The University of Texas
at Austin
Austin, Texas*

ADABAS utility abends caused by conflicting file usage (U0034, Error Code 10) can be avoided by use of a program, UTSIGNON, which reads the ADABAS User Queue within the ADABAS nucleus. If there is conflicting usage of the file and the utility must be run immediately, UTSIGNON will optionally issue STOPU operator commands for those users signed on to that file. This program is available both as a started task and as a COM-PLETE on-line program.

Implementation of the NOTIFY Parameter of the Jobcard to COM-PLETE Users

*B. W. Wagner
The University of Texas
at Austin
Austin, Texas*

The NOTIFY parameter of the Jobcard can be made to function for COM-PLETE users in the same manner it is used under TSO. When a batch job terminates, a record of its termination will become immediately available. This termination information will be automatically displayed the next time the user logs on to COM-PLETE, and can be reviewed at any time by any COM-PLETE user.

III. SAGNA TUTORIALS

ADABAS

Restart Recovery
Performance & Tuning
File Design
Panel*

NATURAL

Techniques
Administration
Panel*

COM-PLETE

DOS
Performance & tuning
User Exists
Panel*

*Members include SAGNA Support and Technical staff and users.

IV. SPECIAL INTEREST GROUP (SIG) WORKSHOPS

ADABAS Performance
DOS
ADABAS Retrievals/Interfaces
Large Data Bases
Restart/Recovery
ADABAS—Data Dictionary
Data Administration Functions
DBA Tools
ADABAS/VM
COM-PLETE Tools
Documentation
Education
NATURAL Features

As always, the interchange of technical ideas and concepts between various users is one of the great benefits to be received. Most attendees, upon returning to work after the conference, frequently have a feeling of technical rejuvenation after hearing and seeing what others have done and shared their ideas with other users. As a former user myself, prior to joining Software AG, I felt that half of what I learned at a conference was obtained during breakfast, coffee breaks, lunch, and evening activities when I had a chance to discuss what I was doing with other users and hear about their plans, approaches, and solutions to technical questions.

If you have never been to an International Software AG Users' Conference it is hard for me to adequately describe the technical benefits. If you have been, you know what I mean.

If you have not yet registered, I suggest you do so immediately. A Conference Registration form has been included in this newsletter for your convenience. Please complete and mail to the Software AG address on the form and mark it to the attention of Ann Todd, Conference Registrar.

I'll see you in June, in New Orleans!

Keynote Speakers Rescheduled

*David Schmidt
Software AG*

Keynote speakers at the 1983 Software AG Users' Conference in New Orleans have been rescheduled to meet the increasing demands of the daily conference agenda and to allow the five major presenters an opportunity to make their presentations to all conference attendees.

Four of the keynotes will address the assembly at the daily luncheon on each of the four days and one will speak at Monday evenings dinner.

Shaku Atre will present her talk, "Information Centers: Strategies for Implementation and Product Selection," at Monday's luncheon. Charles Lecht will speak at Monday evenings dinner on the topic of his recent book "The Technology Vector."

Database Newsletter's editor, Ron Ross, will address Tuesday's luncheon with his presentation, "Data Base: The Next Ten Years."

Dr. Ulric Weil of Morgan Stanley, Inc. will highlight Wednesday's luncheon with his address, "Information Processing Industry Issues."

Finally, William Perry's presentation "Effective Methods of EDP Quality Assurance" will conclude Thursday's luncheon.

Together these keynote speakers represent many years in the field of data base technology. Their presentation summaries and biographical information follow.

Shaku Atre

Ms Atre of Atre International Consultants, Inc., which specializes in: Data Base Disciplines, Installation Management, Data Processing Training and Hardware and Software Planning. She has a master's degree in Statistics and fourteen years of experience with IBM.

Ms Atre is an acknowledged expert in the Data Base field and has extensive practical experience in Data Base projects. She has lectured in the USA, Europe and Asia. Ms Atre has written a book, "Data Base: Structured Techniques for Design, Performance and Management."

Information Centers: Strategies for Implementation and Product Selection

Ms Atre will discuss the role of information centers from both organizational and technical perspectives. Major topics will include placement of the information center within the organization, staffing and skill requirements, end use involvement and responsibility, and the impact of the information center on data processing operations. Ms Atre will also discuss how data base systems function within the information center and environment and how they can be used to increase productivity. Specific types of data base management systems and related products will be analyzed from the standpoint of adaptability to the goals of the information center.

Charles Philip Lecht

Charles Philip Lecht is founder, president and chairman of the board of Advanced Computer Techniques Corp. (ACT), a computer software consulting firm.

Mr. Lecht holds a B.S. in mathematics from Seattle University and an M.S. degree, also in mathematics, from Purdue. His involvement in the computer field stretches back to 1951, making him an "old-timer" in a very young industry.

Among his earliest professional activities were programming for IBM's service bureau and for the MIT community's Lincoln Laboratory/MITRE organizations on a variety of scientific and military simulation projects.

From 1960 to 1962, Mr. Lecht served in the U.S. Army Ordnance Corps, first as chief of its Programming Division and subsequently of its Mobilization Applications Division; Ordnance Industrial Data Agency.

Mr. Lecht came to New York City in 1962, where he founded ACT. In the 17 intervening years, the company has grown from a one-man show to an international complex employing over 450 persons and deriving more than 50% of its revenues from operations in Europe, Canada and the Middle East as well as the U.S.

In addition to building and presiding over ACT, Mr. Lecht has found time to hold a number of teaching posts, author five books and innumerable articles and maintain a heavy schedule of speaking engagements in the U.S. and abroad. In addition to THE WAVES OF CHANGE, his books include three on computer languages and one on project management.

In 1976, Mr. Lecht was designated by "The Gallagher Presidents' Report" as one of the "10 best businessmen in the U.S.A." representing companies with income below \$1 billion. Profiles of Mr. Lecht have appeared in the New Yorker and Datamation, among other publications.

The Technology Vector

- I. Hardware and Software Trends in 1983.
- II. The Synthesis of the Computer and Communications Industries: What it means to Users.
- III. The Synthesis of White and Blue Collar Automation: What it means to Users.
- IV. The Impact of Computer and Communications Systems on the Way we will Conduct Business in the Future.
- V. New Applications of Computer and Communications Systems Technologies.
- VI. Benefits to be Derived from New High Technology Innovations.

Ronald G. Ross

Ronald G. Ross is editor of the *Data Base Newsletter*, a leading independent publication for professionals in the data management field. He is also a principal in Database Research Group, a trends and technology research company, which publishes the *Newsletter*.

Mr. Ross is the author of numerous articles and books on data base and related topics, including *Data Dictionaries and Data Administration* and *Data Base Systems: Design, Implementation and Management*, both published by AMACOM, American Management Association, New York City.

Mr. Ross is also well known for his expertise and seminars in the area of data base software trends and logical data base design techniques. He

was the principal architect of an automated logical data base design tool now commercially available in the IBM marketplace.

Data Base: The Next Ten Years

In "Data Base: The Next Ten Years," Mr. Ross takes an objective, independent, and pragmatic look at problems associated with current data base and data dictionary practice, and highlights developmental trends aimed at their correction. He examines relational systems, distributed systems, fourth generation languages, program generators, active dictionaries, and shows extensibility that these are *not* necessarily the key to understanding evolutionary trends in data management products. He shows instead that evolutionary progress can be understood in terms of incremental product "windows" (DBMS and DDS having been central fixtures in previous windows), and suggests what the next two windows may be. Based on this foundation, he then assesses the impact of these innovations on both the software industry and on professional practice. In particular, he spotlights serious deficiencies in current data administration approaches, and suggests organizational and methodological steps for their correction.

Ulric Weil

Ulric Weil, at Morgan Stanley, covers the mainframe computer, minicomputer, selected peripheral equipment, and terminal companies, and Xerox. He has also done considerable work on the computer services industry. He completed his undergraduate studies at McGill University in business administration. After receiving his PhD in economics at the University of California, he embarked on a 16-year career with IBM in programming, marketing, and financial

planning. His specialization was market evaluation and competitive systems analysis, and when he resigned from IBM in 1980 he was Manager of Market Evaluation for IBM's Systems Development Division. He was also with IBM World Trade in both Europe and the Far East.

Before joining Morgan Stanley, New York, Mr. Weil was the EDP analyst at Lehman Brothers Incorporated. Mr. Weil has been voted third place by *Institutional Investor* for the All-America research team for his coverage of the office equipment industry in 1982.

Information Processing Industry Issues

Key issues shaping the decade of the 'Eighties' such as commodity nature of the hardware, prevalence of the IBM de facto standard, importance of distribution, emergence of the workstation concept, and the Japanese challenge will be discussed.

An overriding point is the fact that in the 'Eighties' the user will rule supreme, as supply constraints vanish and ease-of-use considerations become paramount. The new AT&T—its impact on the other common carriers and the independent vendors, as well as IBM and the BUNCH companies, will be highlighted.

William E. Perry

William E. Perry is president of William E. Perry Enterprises, Inc., specialists in control and audit of computerized applications. Bill is Executive Director of the Quality Assurance Institute.

Bill was the executive director of the Accountants Computer Users Technical Exchange (ACUTE), and prior to that was director of professional practice for The Institute of Internal Auditors. In this capacity he

worked closely with researchers in the field of internal auditing and data processing to bring to publication the latest developments in this many-faceted field. Prior to The Institute of Internal Auditors, Bill was supervisor of corporate computer auditing for Eastman Kodak Company. He also held the position of senior accountant with Arthur Young and Company, assistant controller with Ft. Richie, and junior accountant with Price Waterhouse and Company.

Bill is a graduate of Clarkson College and holds his MBA from Rochester Institute of Technology. He also has a Master of Education degree from the University of Rochester. He is a New York State certified public accountant, and holds a certificate as a certified internal auditor from The Institute of Internal Auditors. He was a professor of data processing at Monroe Community College, was a member of the Computer Services Executive Committee and was chairman of the Case Studies Task Force of the American Institute of Certified Public Accountants, is a member of the Board of Directors of the American Federation of Information Processing Societies, and was a member of the Orlando, Florida Chamber of Commerce.

Bill has had articles printed in the *Journal of Accountancy*, *Bank Administration*, *The Internal Auditor*, *Datamation*, *Financial Executive*, and is a regular contributor for *AUERBACH publishers* and *EDPACS*. Bill has coauthored a book entitled *EDP Controls and Auditing* published by Wadsworth, and is a major contributor and editor for *FAIM'S Auditing Computer Systems manual*. Two other books authored by Bill are one titled *Effective Methods of EDP Quality Assurance* published by Q.E.D. Information Sciences, Inc., *How To Manage Management* published by Vanguard Press and his book *Orchestrating Your Career* published by CBI pub-

lishers. His new book for John Wiley & Sons titled *Ensuring the Integrity of Data Base* was published this spring.

Effective Methods of EDP Quality Assurance

Quality data processing is vital to any organization and contributes directly to the bottom-line profits. EDP quality assurance is the function that manages the quality of the process that produces business information.

This presentation provides the participants with the information needed to establish a quality assurance function. The presentation is based on the experiences of hundreds of companies that have successfully established the function within data processing.

1983 New Orleans Annual Users' Conference Information

David Schmidt
Software AG

REGISTRATION FEES

Conferees

The \$595 conferee registration fee entitles you to admission to all Conference sessions, tutorials, and workshops; four full American breakfasts; four lunches; the President's Reception (Sunday); two dinners (Monday, Wednesday); and a wine and cheese function (Thursday). The registration fee does not include your hotel room.

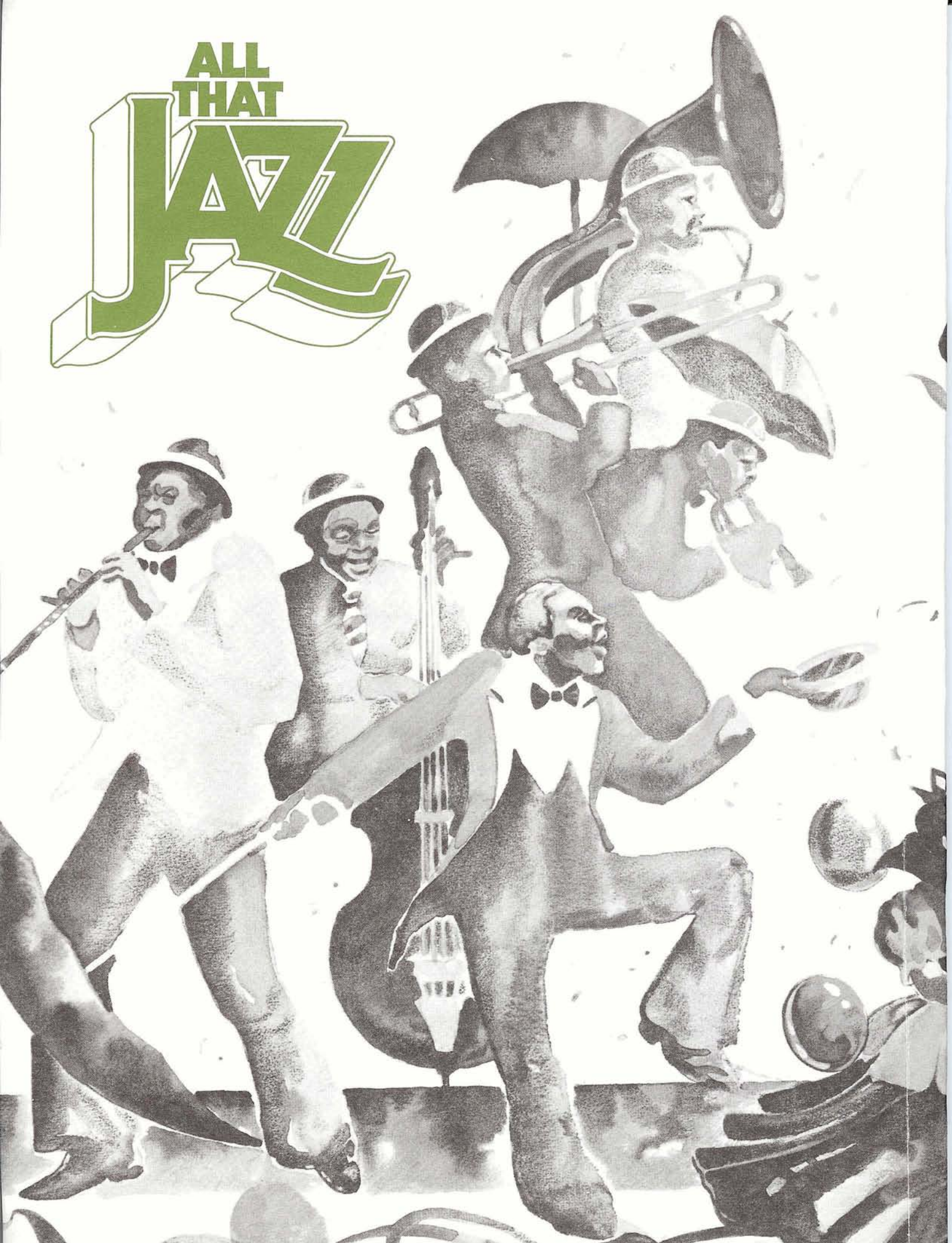
Companions

The \$295 companion registration fee entitles them to attend the President's Reception (Sunday); four full American breakfasts; four lunches; two dinners (Monday, Wednesday); a wine and cheese function (Thursday); seven seminars; and two separate tours of the New Orleans area.

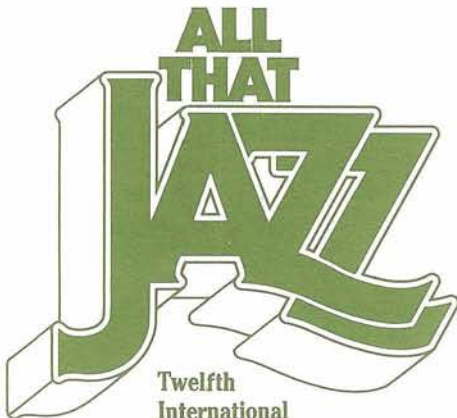
(Continued on page 11.)



ALL
THAT
JAZZ







Twelfth
International
Software AG
Users' Conference
June 5-9, 1983
NEW ORLEANS

**CONFERENCE
REGISTRATION
FORM**

PAYMENT MUST BE RECEIVED PRIOR TO JUNE 1, 1983

PLEASE FILL OUT FORM COMPLETELY. TYPE OR PRESS FIRMLY.

CONFEREE NAME _____

COMPANION NAME _____

TITLE _____

COMPANY _____

COMPANY ADDRESS _____

CITY, STATE, ZIP _____

COUNTRY _____ TELEPHONE NUMBER (_____) _____

PLEASE CHECK:

USER CONSULTANT GUEST AFFILIATE SAGNA EMPLOYEE

FEEES:

CONFEREE \$595 _____ CONSULTANT \$995 _____

COMPANION \$295 _____ BANQUET TICKET ONLY \$75 _____

NOTE:

1. An additional \$100 will be added to registrations received postmarked after April 30, 1983.
2. A \$100 fee will be charged for those who cancel after June 1, 1983.
3. For NO SHOWS — 50% of registration fee will be assessed.

PLEASE INVOICE PAYMENT ENCLOSED P.O. NUMBER _____

SEND INVOICE TO:

COMPANY _____

ADDRESS _____

CITY, STATE, ZIP _____

COUNTRY _____

ATTENTION _____

FOR SOFTWARE AG OF NORTH AMERICA, INC. USE ONLY

Invoice Number _____ Date Invoiced _____

Amount Paid _____ Date Paid _____

Check Number _____

SOFTWARE AG
OF NORTH AMERICA, INC.
11800 Sunrise Valley Drive
Reston, Virginia 22091
(703) 860-5050

(Continued from page 7.)

Due to previous requests, an optional program is being provided for companions. In lieu of the \$295 full registration fee, a banquet only ticket may be purchased for \$75. This ticket only entitles the companion to attend the Wednesday nite banquet. If any other conference related functions or activities are desired, it is suggested that the companion register for the full program mentioned above.

Consultants

Consultants may attend the Users' Conference. The consultant registration fee of \$995 entitles them to the same benefits as outlined above for a conferee. In addition, it allows them to display their consulting related materials in a separate room located near the conference meeting rooms in the Fairmont Hotel.

Arrival

Registration opens Sunday, June 5, at 12:00 noon, followed by the President's Reception at 8:00 p.m. Conference sessions begin Monday, June 6, at 9:00 a.m.

Registration Desk

The Conference Registration Desk will be located on the mezzanine floor of the Fairmont Hotel. It will be open during the following hours:

Sunday,
June 5... 12:00 noon-7:30 p.m.
Monday,
June 6... 8:00 a.m.-2:00 p.m.

Hotel

Please send your hotel reservation form *directly* to the hotel. You are encouraged to make your reservations early; *May 5, is the deadline*. If any changes in your reservations are necessary, (i.e., extended stay, change in room size, or cancellation), please call the hotel, *directly*, at (504) 529-7111. Software AG does not handle room arrangements.

Messages

Please advise any expectant callers to leave messages with the hotel message desk at (504) 529-7111. We suggest that you periodically check the front desk for your messages.

Transportation

Taxicabs and airport limos are readily available for the trip from the airport to the conference hotels. The charge is \$6.00 each way for bus service, and \$18.00 one way for taxicabs.

Children

Due to the professional nature of the Users' Conference, and the types of evening functions planned, no provisions have been made for children. Please check with the hotel for babysitter service if you plan to bring children.

Call for Papers

The International Software AG Users' Group (SAGGROUP) invites its members to submit papers for presentation at the 13th International Software AG Users' Conference in Anaheim, California. The Conference offers a unique opportunity for users of Software AG products to present information on their individual systems and describe their use of the products.

Topics for the papers should focus on one of the major products. Suggested topics include but are not limited to the following:

ADABAS

Performance Monitoring and Tuning
File Design
Managing the DBMS Environment

Security
Data Dictionary
System Testing
Auditing
Multiple Data Bases
Restart/Recovery
Applications

COM-PLETE

Performance Monitoring
Tuning
Security
Applications

NATURAL

Programming Techniques
Training
Application Development
Managing the NATURAL Environment
Security
Interfaces
Case Study

Abstracts Due

A one- to two-page abstract or detailed outline is due for review no later than November 1, 1983. The purpose of the review is to determine the topic you are presenting, the type of audience you are addressing and the level of experience required to understand the materials. This will allow us to ensure variety in the presentations and assist in developing a preliminary agenda. The abstracts should be submitted to:

Users' Group Liaison
Software AG of North America,
Inc.
11800 Sunrise Valley Drive
Reston, Virginia 22091

Important Dates:

Abstracts Due—
November 1, 1983
Notification of Acceptance—
December 1, 1983
Papers Due—
January 30, 1984
Acknowledgement—
February 13, 1984



Users' Conference Inter-User Communications

Larry Jayne
Software AG

During the last users' conference a need existed to provide inter-user communications for sharing of technical and contact information. In addition, telephone messages needed to be displayed. These needs were met by posting all three types of message together on one bulletin board. This resulted in much confusion as it became very difficult to determine the nature of each message.

For the New Orleans Conference, these needs will be handled in three separate ways:

1) Telephone Messages

Personal telephone messages to conference attendees are to be routed to the respective hotel where the person is staying. The messages will be placed in the room mail box at the registration desk in the respective hotel. Attendees should frequently check their mail box at their hotel registration desk for messages. Due to lack of full-time staffing of the Conference Office and with attendees staying in two different hotels, personal messages can not be taken by Conference Staff.

2) Conference Exchange

The CONFERENCE EXCHANGE will provide a method for attendees to request information from and provide information to other conference attendees. Generally, the CONFERENCE EXCHANGE will consist of a blue request form that an attendee completes and posts on a separate bulletin board. Each request may be a brief statement of the information to be exchanged, instructions on how it is to be exchanged, and name and ad-

dress of the person posting the request. The person posting the request is responsible for removing it by the end of the conference. The requests are usually looking for users of specific hardware or software configurations of products, availability of utilities, advice about specific problems, or how-to's, etc. People who can respond to a specific request will write their name, business phone number, and a very short comment on the form. Individual contact may then be made later.

3) Adhoc Discussions

The objective of ADHOC DISCUSSIONS is to provide a means for creating an informal discussion group (which could result in the formation of a new Special Interest Group). Any conference attendee may initiate such a session by completing an ADHOC DISCUSSIONS green form and posting it so that other attendees may sign up. A time and location would be assigned by the Software AG Conference Staff and also written on the form once sufficient interest is indicated. These sessions would be in addition to the regular conference agenda and scheduled in early morning or free time slots. The only "advertisement" of such sessions would be by word of mouth and from interested persons checking the bulletin area for sessions of interest. Topics which might be covered here are ideas between users of particular application packages, hardware, etc.



Election of SAGGROUP Officers

Larry Jayne
Software AG

The election of SAGGROUP Officers is held each year at the International Users' Conference. This year it will be held at the conference in New Orleans with balloting to be completed by Tuesday, June 7, 1983, at 5:00 p.m. The results of the election will be posted and announced the next day, Wednesday, June 8, 1983.

To facilitate this election, an election packet was sent to each licensed user in the U.S. and groups of packets were sent to each affiliate who will then route them directly to each of their users. Each election packet contains a letter from Dian Odell, Chairperson of the Nominating Committee, which describes the voting procedures, a list of Candidate Statements regarding their background and qualifications, and a ballot for voting purposes. Each licensed user may vote using the supplied ballot which is then either deposited in the Ballot Box at the Users' Conference or is mailed directly to Dian Odell.

Those persons deciding to mail their ballot, must ensure it is mailed to Dian Odell and received by her no later than June 2, 1983, for it to be counted. This is each users chance to participate, therefore, I encourage everyone to take this opportunity to vote.

Listed below is the names of the SAGGROUP Candidates, the Office they are seeking, and their individual statements regarding background and qualifications:

Tim McGovern

Candidate for President

The Massachusetts Institute of Technology has been a user of ADABAS for five years now, and NATURAL for the past two years. We were, but are no longer, a COM-LETE user.

I have been involved in these efforts for the last two-and-a-half years. At first, I participated in the application development projects area, responsible for analysis and programming within new financial applications. I now manage the Database Support Group within the Administrative Information Systems group. This group is responsible for the installation and testing of all new software, and for establishment of guidelines and standards for database use and operation within the organization.

Concurrent with these responsibilities, I serve as New England SAGGROUP Regional Representative, and I chair the recently formed ADABAS/VM Special Interest Group.

Almost daily, I am reminded that the computing environments, for which we plan so diligently, are evolving faster than we can plan for. Being a user and proponent of ADABAS/VM, I am ever more mindful that SAGGROUP and Software AG need to communicate continuously and effectively on the meaning of these new developments. Together, SAGGROUP and SAG can then meet the needs of the existing customer base, and at the same time, the expectations of new customers. My goal is for SAGGROUP to become more active in the Futures area of database software.

Dan Nolan

Candidate for President

As do most data processing professionals who have been in this business for decades, I consider myself extraordinarily well equipped technically for the position of President of Software AG's Users' Group. I have held every position in data processing, and my experience as to industry type has been eclectic. My involvement with Software AG products ex-

tends back to 1975, and became intensive a few years ago when I became the first user of NATURAL. For the last four years I have been the Eastern Region's Representative.

Those not exposed to ADABAS, NATURAL, and COM-LETE will remain skeptical until they do so, but publication and speaking can overcome much resistance. I intend to seek out opportunity to speak, publish, and teach for the benefit of those Users' Group members who despair of having to reestablish their credentials daily.

In return for the inevitable promotion Software AG will receive from these activities, I would bargain for more concentration on responses to the users' concerns, more reasonable times to consider and submit change requests, and exhort Software AG to focus more on improving current products than on expanding into new areas.

For some years now, we have been unable to provide a satisfactory Directory of Members. Without this, our charter has become exceedingly difficult, and efforts to assist, train, and share experiences with other users are doomed to remain at best regional. I would accept election as President to be a mandate to immediately install this system, under full control of the users and with appropriate waiver, for the sole purpose of identifying to other users those who share equivalence and would be available to come to the assistance of others.

Brett Aubrey

Candidate for Vice President

I believe that the major focus for SAGGROUP should be on two wide areas:

- 1) maintenance or improvement of the interface between SAG and its users to enable both current and future SAG products to meet our needs as far as possible. With the advent of relational and distributed



databases, integrated data dictionaries, non-procedural languages, etc., the need to use competitive tools becomes increasingly apparent. We should remain knowledgeable about these and related technologies and provide input to insure the direction of SAG products allows us to fulfill our requirements in an optimum fashion.

2) Expansion of knowledge of our membership with regard to SAG products and other issues affecting our jobs. The information systems industry is in a continuing state of dramatic change. Not only do we need to know information directly related to ADABAS, NATURAL, COM-LETE, etc., we should also be fully aware of data administration and modeling techniques, development tools and methodologies, and a wide range of management approaches.

The SAG users group can have a major effect on both of these areas by increasing an exchange of ideas, concepts, and experiences. The better both we and our tools are the better the solutions we can provide to our organizations.

Myron Pullen

Candidate for Vice President

I have been a computing professional (programmer, system analyst, manager) for more than twenty years and have used ADABAS for four years and NATURAL for two and one-half years. I am firmly convinced of the value of our user's group and actively support the organization at the International and local level. I have participated consistently in the Pacific Southwest Region Users Group by hosting meetings and by frequently making technical presentations concerning both ADABAS and NATURAL. It is through this type of participation that I feel each member can make a valuable contribution to our user's group. I believe that our

user's group is effectively administered and is serving the user community well. I have received much valuable assistance from the user's group over the past four years, and I would like to be able to repay this assistance by serving as Vice President for the next year.

If elected my primary objective will be to see that our user's group continues to serve all users of Software AG products in the same competent fashion as it has in the past. I will actively encourage the exchange of practical information concerning the use of Software AG products at regional meetings, at the International meeting, and through the Newsletter. I, also, pledge that I will work diligently to support the President, the Executive Committee and all members of the User's Group by contributing creative ideas and by responding to requests for assistance whenever they arise.

Richard Wolverton

Candidate for Vice President

I feel that a strong SAG user group provides an excellent forum for the exchange of information between members of the data processing community that have a common interest and a common goal. That goal is the effective efficient use of SAG products for the benefit of our companies. An active user's group can provide central communications about the varied ways to effectively utilize SAG products. It must also serve as a conduit for communication with Software AG itself. We as the users are in the best position to formulate both praise and criticism of SAG products and services. If we can do this effectively, the benefits will be tangible for everyone.

David Alexander

Candidate for Secretary

At BUD ANTLE, INC., we have been using ADABAS since November 1979, and NATURAL since March 1980; and with approximately 800 NATURAL programs in production, our commitment to these products is obvious.

In working both as a DBA, and now as a Manager, I have had the opportunity not only to work in detail with these products, but also to experience the support and administrative policies of SOFTWARE AG at first hand.

Consequently, my main concerns as a user occur in these two areas. From a technical standpoint, I am concerned about the efficiency, and useability of the products as well as the features and options they contain. From an administrative standpoint, I am concerned about technical support, pricing policies, release dates, and content of education classes.

As Secretary, I would hope to pursue those interests not only with respect to the product areas that directly affect my company (DOS/NATURAL/ADABAS), but to all Software AG products.

Mel Bemis

Candidate for Secretary

My current position at NE Utilities is Senior System Programmer with the responsibility of database administration. I have 20 years experience in systems and data processing. I was a member of the study committee which made the selection of ADABAS as the DBMS for NE Utilities in October of 1980, and I have been an active member of the New England Users Group.

As a member of the Executive Committee, I will work on behalf of all users to insure that the communications is maintained between SAG-GROUP and Software AG as well as it has been in the past.

Ken Howard

Candidate for Secretary

I accept nomination to the position of Secretary to the SAGGROUP Executive Committee. I have, primarily, the interest of my employer in mind. I am responsible for database administration at the University of Victoria where we are developing, maintaining, and purchasing a rapidly increasing number of ADABAS applications. We run ADABAS/VM and NATURAL under VM/370 using OS/VS1 and CMS operating systems. I believe that my knowledge of SOFTWARE AG products, and of the company itself, will be increased by direct and active participation in the users' group, and that I will therefore be better able to serve my employer.

I understand the secretary's responsibility to the users' group to be that of issuing notice, and publishing minutes of Executive Committee meetings. The Secretary will also document and mail the Executive Committee's response to correspondence received by the users' group. I promise to fulfill those needs in timely and accurate fashion.

Joan Christ

Candidate for ADABAS Product Representative

Bigelow became an ADABAS user and I a DBA in 1975 in the days when John Maguire was chief salesman. We furnished input for early ADABAS enhancements, and again for NATURAL as an early user. In the meantime, we acquired COM-LETE and I became manager of Database and Technical Support.

As most users, we expect to attain through ADABAS products, database capability with super performance, never-fail recovery, flexible and fool-proof security, and all corollary capabilities to satisfy our ever increasing number of end-users. If elected ADABAS Product Representative I will encourage all ADABAS users to

assist each other to this end, through sharing experiences and speaking collectively to SAG of our needs.

John Kaye

Candidate for ADABAS Product Representative

As a user of ADABAS for the past 7½ years, I have come to see several outstanding developments in the nucleus and performance features of ADABAS. These have not, however, been gained simply by Software AG providing new facilities. Rather they have been the work of a cooperative effort between Software AG and us the users. In my estimation the ADABAS user representative must serve as the critical link between Software AG and the user community, and must be both willing and able to provide cohesive direction to Software AG on the priority of various user needs. Given my background, I feel myself quite well qualified to handle this position. And I urge you to vote for me as ADABAS Product Representative.

Dave Davis

Candidate for NATURAL Product Representative

I have worked with ADABAS, NATURAL, and other Software AG products for the past 2½ years, and am employed by Merck and Company in West Point, Pennsylvania.

ADABAS usage at Merck has grown rapidly since its installation nearly two years ago, and we are committed to NATURAL as one of our primary tools for increased productivity. As a user of NATURAL and other Software AG products, I have an interest in a wide range of topics, such as advanced techniques, NATURAL education, administration of the NATURAL environment, performance, and last but not far from least, NATURAL 1.2.

I look forward to meeting and working with many of you in the future.

Ralph Jenks

Candidate for NATURAL Product Representative

My objective for being NATURAL Product Representative is to apply my six years of experience with ADABAS and its related products to accomplish the following:

- 1) keep the communication lines between the users and Software AG open;
- 2) improve the response time by Software AG to user problems by getting the zaps and fixes into the field faster;
- 3) provide positive input into product design based on user comments and problems;
- 4) encourage Software AG to provide firm release dates for products, so users can better plan their development;
- 5) encourage more complete communication about NATURAL for the users of the various TP systems, especially CICS.

Kevin Wilson

Candidate for NATURAL Product Representative

The NATURAL environment as we now know it is good for only another 5 years. By then, the integration of data dictionaries into information system environments will have reached a point where a NATURAL programmer will not know or care where data is physically located or whether it is ADABAS, VSAM, or IMS.

I believe NATURAL should be represented for what it is, as well as what it will be. This becomes more important as the function of information systems planning becomes more vital within each organization. The growth and importance of this organizational function will also enable the NATURAL community to give Software AG a more educated insight into what the corporations themselves see as a future environment.



Roy Richardson

*Candidate for COM-LETE
Product Representative*

I have been involved in the data processing industry since graduating from UCLA in 1971.

For the past 8 years, my forte has been systems, and as a consequence I have been responsible since October 1980 for the operation and maintenance of COM-LETE at our installation. I have also written applications and system procedures running under COM-LETE, thus becoming thoroughly familiar with the operation of COM-LETE.

I am convinced that COM-LETE is a good product and will endeavor to make it even a better product.

Having experienced similar concerns and problems such as you have faced, I feel I am best suited to represent the user community for a better COM-LETE of the future.

Eric Stratmann

*Candidate for COM-LETE
Product Representative*

I feel that there is a need for better representation of COM-LETE users with Software AG. In my opinion, COM-LETE support and development is not on an equal level with other Software AG products. This is an unfortunate situation because COM-LETE is a very good product.

I have worked with the product from an applications and systems programming standpoint for approximately 4 years. I have also presented technical papers on COM-LETE at the 1982 Users' Conference and will do so again at the 1983 Users' Conference.

**SAGGROUP
Constitutional
Amendments**

*Larry Jayne
Software AG*

The SAGGROUP Constitution has been in a state of continuing refinement over the last several years.

Recently another proposed revision was developed by Brett Aubrey from TransCanada PipeLines, who is the SAGGROUP Vice President. The proposed revisions were developed as a packet and titled "SAGGROUP Constitutional Amendments." Each packet contained a letter from Brett Aubrey explaining the voting procedure, a proposed version of the SAGGROUP Constitution, and a ballot which outlined the proposed amendments. A packet was sent to each licensed user in the U.S. and groups of packets were sent to each affiliate who in turn routed them directly to each of their users.

Each licensed user may vote using the supplied ballot which is then either deposited in the Ballot Box at the Users' Conference, mailed directly to Brett Aubrey, or Telexed to Brett Aubrey as outlined in his letter.

Those persons deciding to mail their ballot must be sure it is mailed in time for Brett Aubrey to receive it by June 1, 1983, for it to be counted.

Ballots may be placed in the Ballot Box at the Users' Conference until 5:00 p.m. on June 7, 1983. The results of the balloting will be posted and announced at the conference and will be included in the next Newsletter. Each user should take this opportunity to participate by voting on these important issues which will directly affect the organization of SAGGROUP.

ADABAS Product Rep's Report

Robert Galley
Santa Fe Energy

The annual Conference is upon us. It will be the culmination of dedicated time and effort extended by many members of the user group. In particular, Alan Shue reviewed/classified all ADABAS abstracts and papers. He also participated in the frustrating task of proposing a workable Conference agenda designed to eliminate conflict between sessions for each type of ADABAS user. Jennifer Lee and Brett Aubrey have done an admirable job in finalizing the agenda and coordinating the entire Conference with Software AG.

Be sure to take advantage and participate in the workshop for the SIG(s) most vital to the needs of your company. Each SIG chairperson has worked hard to prepare a meaningful workshop.

The ADABAS user papers are of sterling quality. These sessions promise to be substantive—well worth the cost of attendance. Those who have taken the time to prepare and present papers deserve special thanks.

I appreciate the opportunity of having served as ADABAS Product Representative during the past year. I encourage your continued support and involvement in a Special Interest Group and the annual Conference.

See you in New Orleans.

Large Data Base Special Interest Group Report

Eric L. Seifert
Citicorp Credit Services, Inc.

I hope all of you plan to attend the International Software AG Users' Conference in June. The Large Data Base SIG will have a workshop there. We plan to have several users tell us about their individual experiences with ADABAS and Large

Data Bases and have a panel discussion/question and answer session afterwards.

Also, any installation who wishes to participate in this SIG can contact me at (516) 752-4954 for information or see me at the conference.

ADABAS Special Interest Group Chairpersons

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