ADABAS NEWSLETTER
the Adaptable DAta BAse System

DATA MANAGER — Data Dictionary for ADABAS

software ag of North America, Inc. has recently concluded an agreement with Management Systems & Programming Ltd. (MSP) of London to provide MSP's data dictionary system, DATAMANAGER, to ADABAS users. MSP has begun to market and support DATAMANAGER in North America and has started work on an interface with ADABAS.

Foremost Insurance has been testing DATAMANAGER since October. Bob Becker of Foremost has agreed to write an article about DATAMANAGER for the January Newsletter. Foremost plans to purchase DATAMANAGER for use with ADABAS.

ADABAS users in North America can purchase DATAMANAGER directly from **software ag** with installation and support provided by MSP. A special offer has been prepared for ADABAS users. DATAMANAGER has many individually priced components with the basic system available for $9,900.

ADABAS USERS QUESTIONNAIRE

By Gordon Cochrane
R. T. French

Enclosed with this issue of the ADABAS Newsletter is a questionnaire to be filled out for each ADABAS installation. The information collected will be accumulated and printed for distribution with a future Newsletter.

After completing the questionnaire, you can fold and staple it and place it in the mail to Tom Berrisford of **software ag.** For your convenience it is already addressed and postage is not required.

Please help by sending in your completed questionnaire within the next two weeks.

Until March 31, 1976 DATAMANAGER together with the ADABAS interface modules will be available for $12,500 (the regular price is up to $15,900). For more information about DATAMANAGER please contact **software ag** in Reston.

THE VIEW FROM 30,000 FEET

By John Maguire
    software ag

ACM 75

We were at the National ACM meeting in Minneapolis, October 20-22 in connection with the commercial portion of that program. But I note with special interest an increasing number of key personnel from ADABAS installations playing a role in professional computer related meetings Of course, I realize that many of these people have always been active in professional groups and that the "increase" is due largely to the rapidly growing number of ADABAS installations. At this particular meeting, Joe Scully from Mattel Toys in Los Angeles and Larry Bowman from Associates Computer Services in South Bend, Indiana, were on the program.

Joe Scully was on a panel entitled "Research/User Dialogue on File Design." The presentation illustrated, in our opinion, that there has been, and always will be, a serious communication problem between researchers and users. Joe, as a user, described his "real world" on-line/batch information systems problems of handling (on a 155) over 1,000,000 updates and 60,000 new records a week. Although he has had his share of problems, I'm happy to say that it's all working.

USERS CONFERENCE PROCEEDINGS

The Proceedings of the Second International ADABAS Users Conference, held in Toronto, Canada, June 4-6, 1975, have been published and is now available through the courtesy of **software ag.**

The Proceedings highlight the various Conference events, presentations and workshops, and offer considerable information on ADABAS installations. Copies of the Proceedings will be distributed to all Conference participants and are also available to others upon request.
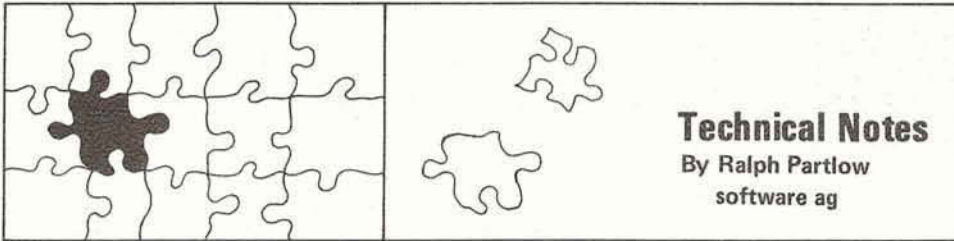
Larry Bowman was in a session entitled "Performance Measurement and Data Base Design" sponsored by SIGBDP (The ACM Special Interest Group for Business Data Processing) who also sponsored the meeting at which Joe gave his presentation.

Larry said they had selected ADABAS for a number of reasons: ease of use, flexibility, performance, low disk space requirements, least impact on current investment, least cost over five years, and the results gained from benchmark tests. Larry went on to describe their use of ADABAS in an on-line/batch system with a focus on what they had learned about design/use considerations in terms of performance "trade-offs."

There were many parallel sessions at ACM '75, but these two sessions were "standing room only."

BRAZIL

My schedule this time only allowed for a day in Brazil with Pan American Computer Systems (CONSIST), Inc., so only

Technical Notes
By Ralph Partlow
software ag

Business is really booming! We probably shouldn't complain, but the technical staff has been working long, hard hours. Along with the demos, installations, classes, and customer support, we have made significant progress on our various development projects.

Development Status
ADAMINT is successfully installed at a BETA test site, documentation will be typed and the first production installation will occur before this newsletter is printed. ADAMINT can now be installed at any user site. Official release will coincide with the final documentation.

ADAWRITER is currently installed in at least six sites. The formal documentation should be back from the printer and official release made by December 19.

ADABAS Version 3.2.0 is now installed at numerous test sites with encouraging results (see article on 3.2 Benchmark. There is an outstanding amount of detail work required to coordinate a new release. A 3.2 release team has been formed and all phases are now under way. We are planning on official release before the end of December.

A new ADASCRIPT has been defined and coding started. We have tried to answer the major areas of concern mentioned by users over the last two years. It is too early to go into great detail, but TECHNICAL NOTES in the next Newsletter will contain a description of this new language.

ADABOM can now be installed on request but we still have a lot of work to do on documentation.

New Capabilities
Steve Carter has developed a terminal independent INTERCOMM/ADABAS interface which will be made available to any interested user. In addition, the CICS interface is modified to be terminal independent for unbuffered devices. We now have a series of programs which makes it possible to UNLOAD/RELOAD

a file and preserve the old ISN's. Please contact the Reston office for more detail.

We are pleased to announce that we can now supply an operational ADABAS system—complete with MPM—under VS 2.2 (MVS). Anyone requiring this capability or more information should contact the Reston office.

The DOS system, complete with MPM is now available.

There is an incredible amount of work required to make these things happen and I would like to thank the entire (very tired) technical staff for their efforts.

DATAGRAM
Recently, I sent a memo to all users about a new capability, but have yet to receive the first DATAGRAM from a user. The technical staff is starting to use this facility and it has proven very valuable. In case you missed the memo, the procedure is:
1. Call (800) 325-6000 (in Missouri the number is (800) 342-6700).
2. Tell the operator you want to send a DATAGRAM.
3. Provide the operator with the Identification Number—1575.
4. Dictate the message in the following format:
   FROM: (Name and Company— No Address Required)
   TO: (Name or Department ONLY— No Address Required)
   REGARDING: (4 or 5 word subject summary— EXAMPLE: RESP Code 32 in ADALD2)
   Short as possible description of the problem.
   END.
This capability will not eliminate the need to talk to **software ag** personnel, but will allow you to get problems to the proper party no matter when they occur.

PRESIDENT'S MESSAGE
By Pete Webster
E. I. du Pont Company

We had some delays in getting our first newsletter off the ground. But now that we have survived our initial growing pains we hope to establish a more regular schedule.

I have had several inquiries about the proceedings of the last Users Conference. I understand that they have been transcribed and will be distributed with this Newsletter.

The Executive Committee is in the process of developing a procedure for submitting resolutions to be discussed at the Users Conference in May. You can look for this procedure to be published in the next newsletter.

I have had some response to my request for topics for the Users Conference. So far we can expect to hear about Security, and Data Dictionary/Directories.

Isn't there something you would like to hear about?

FROM 30,000 FEET *continued ...*

two visits were possible. We met with TELESP, the telephone company in Sau Paulo, who was the first ADABAS user in Brazil. They have a 145 and seem quite satisfied with their progress under ADABAS.

SERPRO is the government organization in Rio de Janeiro that is roughly equivalent to the Bureau of the Budget in the U.S. Needless to say, this is a very influential organization. They had purchased an ADABAS paid demonstration as the culmination of a study that resulted in a detailed ADABAS/MS benchmark on their 158. I don't need to belabor the results of such a benchmark . . . . . you know what they are. I met with them in Rio in the morning and they are now finishing their TP study/benchmark before making their final formal decision.

That evening on a flight from Sao Paulo to Rio, I had the pleasure of traveling with SERPRO's head of DP, a young, bright, pleasant chap, with a Ph.D. from Stanford University in Palo Alto, California.

The ADABAS "market" is wherever there are IBM computers, which means just about everywhere. We are indeed grateful for the world-wide success of IBM's marketing people.

SOUTH AFRICA

software ag is represented in South Africa by Systems Programming Ltd., a seven-year-old well-respected firm, with forty professionals. They had arranged for me to give a one-day ADABAS seminar to about 15 organizations and 30 people. That quickly turned into two one-day ADABAS seminars for 40 organizations and 75 people. We were pleasantly surprised at the response to ADABAS.

While I was there, two ADABAS paid demonstrations were in progress. One at an insurance company and the other at the South African Railways (British Rail recently signed up for ADABAS and a few months ago, Belgium Rail started their switch from IMS to ADABAS). The South African Railway's people had arranged for an on-line demo of ADASCRIPT/ADABAS for the Minister of Transport (equivalent to the Secretary of Transportation in the U.S.). In spite of Murphy's Law, all went well.

I stayed over in Johannesburg for a few days with Graeme Wallace of SPL while we visited ADABAS prospects on an individual basis. Graeme was busy with his "order pad" as we sold ADABAS paid demos to:

- The largest bank in South Africa
- The largest retailing organization in South Africa
- An insurance company with twin 158's
- A health care/pension fund organization covering 400,000 members.

I'll be reporting to you again soon with information which I hope will be of interest to you.

NEW ADABAS USERS

Thanks to the efforts of software ag, our Users Group continues to grow. We would like to welcome the following new ADABAS users:

E. I. du Pont Company
Textile Fibers Department
Wilmington, Delaware 19898

Textile Fibers is the second Du Pont installation and the first DOS installation in North America. ADABAS is being used with CICS/VS on their IBM 370/135. Willie Kraatz, (302) 774-4193 is the Data Base Administrator.

Depository Trust Corporation
55 Water Street
New York, New York 10041

Depository Trust Corporation (DTC) is a certificate depository facility for banks and brokerage houses. After a DBMS study conducted during the Spring of 1975, two finalists were selected for benchmarking. ADABAS was installed in mid-August and DTC had their first ADABAS on-line application (via Task/Master) up by mid-September. This may be a new "record" for system implementation speed. Sandra Laufer, (212) 623-6088, is the prime contact for ADABAS at DTC.

Bigelow-Sanford
P.O. Box 3089
Greenville, South Carolina 29602

Bigelow-Sanford is a well known manufacturer of carpets. They began corresponding with software ag in early 1972. Their DBMS study started in mid-1974 culminating with the selection of ADABAS. Julian Pruitt, (803) 242-2204, is the Manager of EDP Operations and Tech Systems.

Kiplinger Washington Editors
3401 East-West Highway
Hyattsville, Maryland 20782

Kiplinger Editors publishes among other things "Washington Letter" and "Changing Times". They have over 3,000,000 subscribers to their various publications. Playing a key role in this successful publishing enterprise is a data processing organization and an IBM 370/158. They are responsible for a wide variety of management functions ranging from accounting to market promotion. One of their master files contains over two million records. Leon Viands, (301) 298-6400, Extension 417 is the Data Base Administrator.

Federal Energy Administration
2000 M Street, N.W.
Washington, D. C. 20461

During their DBMS study, ADABAS was installed on the FEA IBM 370/168 for a demonstration. After substantial testing which included ADAWRITER (pre-release), ADABAS was the DBMS selected to provide easy accessing and updating for their numerous energy files. In addition, FEA has future plans for logical integration of these files. Larry Clinton and Ed Miller, (202) 254-5010, provide Data Base Administration for FEA.

Washington State Data Processing Service Center (WDPSC)
Room 110, GA Building
Olympia, Washington 98504

WDPSC is using ADABAS on an IBM 370/158 with a 158 MP under MVS due to arrive in the near future. Three applications are under development: a campaign contribution information system, a statewide library system, and a statewide personnel/payroll system. WDPSC has developed an ADABAS transaction billing system for batch, INTERCOMM, and TSO usage. Keith Newson, (206) 753-1437 is the prime user contact and the DBA is John Nikander (206) 753-4122.
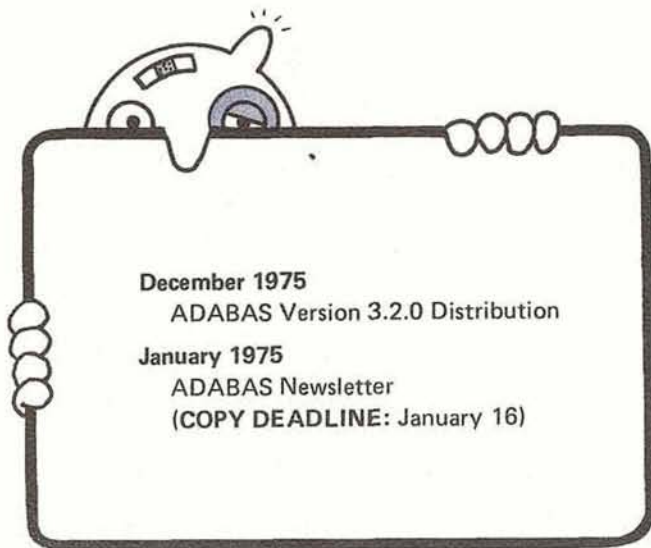
Sueddeutscher Verlag GMBH
8000 Munich 2
Sendlinger Strasse 80
West Germany

Sueddeutscher Verlag is the publisher of Sueddeutsche Zeitung, the largest newspaper in Germany. ADABAS was installed on their IBM 370/145 DOS/VS system for use by a subscription management system. Herr Lechner and Frau Goeppel are the prime contacts.

Allgemeiner Deutscher Automobilclub Deutschland (ADAC)
8000 Munich
West Germany

ADAC is the automobile club of Germany and is using ADABAS on their IBM 370/145 under DOS/VS. Their first application project using ADABAS is an on-line charter flight reservation system.

December 1975
ADABAS Version 3.2.0 Distribution

January 1975
ADABAS Newsletter
(COPY DEADLINE: January 16)

3.2 BENCHMARK

By Clay Burrows, Washington State University

After receiving and installing Version 3.2.0 of ADABAS at Washington State University we ran some very simple benchmark programs to compare the new decompression algorithm of Version 3.2.0 against Version 3.1.4. These tests were run on an IBM 360/65 MVT using ANS COBOL through MPM. Below is a table showing what we found.

10,000 Records Read in Physical Sequence (L2)
CPU Time

Fields Retrieved	3.1.4.	3.2.0	Improvement	Throughput Improvement
all 59 fields	359.25	187.38	+47.84%	+91.72%
1st field	134.01	134.94	- 0.69%	- 0.69%
last field	202.05	155.92	+22.83%	+29.58%
5 fields and a 3 element PE	220.95	162.57	+26.42%	+35.92%

NEW ADABAS USERS *continued* . . .

Le Assicurazioni d'Italia, Via PO3, Rome, Italy

Le Assicurazioni d'Italia is the largest insurance company in Italy. ADABAS was installed on their IBM 370/168 under VS with CICS. The first application using ADABAS is an on-line insurance portfolio management system. Dr. Mondini is the prime contact.

Societa Assicuratrice Industriale, Corso Galileo, Galilei 12, Torino, Italy

Societa Assicuratrice Industriale is the second largest insurance company in Italy where ADABAS will be used on an IBM 370/155 under OS/MVT with CICS. ADABAS will be used in an on-line insurance portfolio management system. Dr. Mei is the prime contact.

Societe National Chemin de Fer, Bruessels, Belgium

Societe National Chemin de Fer is the national railway of Belgium. ADABAS was installed on their IBM 370/155 under OS/MVT.

TELESP—Telecomunicacoes de Sao Paulo, Sao Paulo, Brazil

TELESP is the largest telephone company in Brazil. ADABAS was installed on their 370/158 under VS2 with CICS. TELESP plans to use ADABAS for a comprehensive data base including initial applications of customer billing and marketing management.