

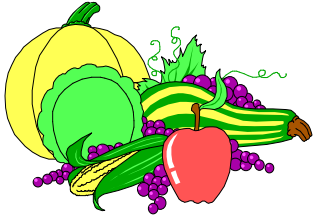
# IBM MIDRANGE USER GROUP

FOR USERS OF THE IBM AS/400 COMPUTER SYSTEM  
Find us at [www.xmission.com/~midrange](http://www.xmission.com/~midrange)

## May 1997 Newsletter

### May Luncheon and Elections

Our meeting this month will be held on **Wednesday, May 14th at 11:30 A.M.** at the **Hometown Buffet** located at **5682 S. Redwood Road.**



This is our annual election luncheon. The meal will be buffet style and will cost \$3.50 per person because the User Group is covering half the cost. Checks should be made payable to GSL Users

Group. **Please RSVP as soon as possible** to one of the user group officers so we can get a count of those who will be attending.

Our guest speaker will be **Guido Simeto** of IBM and will be speaking on the subject of **The Internet and the AS/400**. We look forward to hearing from him.

### March Meeting Highlights

The topic of our April meeting was **Lotus Notes and the AS/400** and was presented by **Jeff Williams** and **Scott Anderson**. Jeff is with IBM and is the Western Region Manager for Notes on the AS/400. Scott is with Assist Cornerstone Technologies and is Vice President - Integrated Services. Jeff and Scott covered a vast amount of information concerning Lotus Notes and how you can combine its strengths with the AS/400 to enhance your existing applications. Key features of AS/400 integration of Lotus Notes are:

- Runs Lotus Notes 4.
- Enables the AS/400 to be a server in your Notes network. Up to 16 Notes servers can be supported, one per Integrated PC Server (FSIOP).
- Enables Notes users to exchange electronic mail with OfficeVision users through SMTP MTA.
- Provides integration of the AS/400 System Distribution Directory with the Notes Name and Address Book.
- Provides data integration with the DB2 relational database on AS/400 to enable your Notes users to access existing business data.
- Provides a link from your AS/400 legacy applications to the world of workflow applications with Lotus Notes.

- Provides simple-to-use mobile computing for AS/400 users through the use of Notes replication.
- Enables remote dial-in through an asynchronous TCP/IP link.
- Provides document-level backup and recovery through ADSM.

We appreciate Jeff and Scott for taking time out of their busy schedules to be our guest speakers for April. Thanks for a great job.

### In the News

#### New Momentum For AS/400

After three years of stagnant sales, IBM's AS/400 is in the midst of a comeback. Customers are returning to the AS/400, abandoning efforts to build data warehouses on cheaper, and less scaleable, Windows NT Pentium servers. "If we had stayed with NT for the data warehouse, we'd be dead in the water now," says Ollie Ayers, IS director for Central Talk Management Inc., a \$500 million telemarketing firm in Fort Lauderdale, Fla.

David Chaffer, senior technical consultant for Baxter Export, says NT servers were sufficient for small amounts of data, but when he tried to add a year's worth of data, performance ground to a halt. "We had to reload everything, including the operating system, and that took several days," says Chaffer. "It was much more painful than the way the AS/400 works, where you just add more DASD."

April 14, 1997 *Information Week Magazine*

#### How do I love thee, AS/400?

AS/400 users are still a loyal lot, despite Windows NT Server's popularity. For example, a recent promotion on IBM's Web site ([www.as400.ibm.com](http://www.as400.ibm.com)) brought this bit of devotion from AS/400 user John Hall at Dart Energy: "We love our AS/400 because owning an AS/400 means never having to say General Protection Fault."

April 14, 1997 *Computerworld Magazine*

#### The New IBM math

Although IBM is working to integrate much of its development and manufacturing efforts among its divisions, there is still a hint of competition among the different groups that make S/390 mainframes, Unix servers and the AS/400.

For example, at the Common AS/400 midrange user group conference in Boston last week, several attendees sported buttons that said "400>390" as a statement of their choice of the AS/400 over the S/390 mainframe.

April 14, 1997 *Computerworld Magazine*

### Sizing Up IBM

As IBM's remarkable recovery gained momentum with its earnings report last week, news stories carried the familiar warnings that the company's growth continues to lag the industry and IBM doesn't dominate any of the high-growth markets in which it competes.

With all due respect to the skeptics, they're completely missing the point. Under Lou Gerstner, IBM has been content to be No. 2 or 3 in any market as long as it's No. 2 or 3 in a lot of markets. You don't have to lead in, say, Unix, when you have more than \$15 billion in AS/400 business to fall back on.

Paul Gillin, Editor

April 28, 1997, *Computerworld Magazine*

## IBM Corner

### **PICK UP THE APRIL 21 ISSUE OF COMPUTERWORLD!!!!!!**

In their annual satisfaction survey of thousands of users DB2/400 won first place, beating out Microsoft, Informix, Oracle and Sybase!!!! This is really a big deal. The survey results support out position that integration of DB2/400 with OS/400 is a competitive advantage. By integrating things like security, journaling, and backup/recovery as well as automating activities like storage management and resource configuration, and by having rock solid reliability and integrity, DB2/400 delivers a lower cost of ownership.

"...IBM might have ranked first in this section of the survey - by a sizable margin - if the only IBM users surveyed were AS/400 customers. Those users gave some of the highest grades in the entire survey." Check it out yourself at the web site: <http://www.computerworld.com/guide/940421guide1.html>.

### **ODBC REALITIES/MYTHS**

ODBC is not ODBC is not ODBC

There has been a lot of discussion about the speed of ODBC, but there are several points which need to be considered:

**#1** - Not all ODBC drivers are alike. Just because ODBC is slow to database X doesn't mean ODBC will be slow to the AS/400. Different database vendors have placed different priorities on the speed of ODBC access to their database. AS/400 has placed a high priority on the speed of ODBC access to AS/400. In Infoworld, an application benchmark was run using the Rumba ODBC driver and the Client Access ODBC driver. Rumba: 28 minutes. CA: 8 minutes. (Further tuning took CA down to 1.3 minutes.) Client Access provides the best ODBC driver for DB2/400.

**#2** - An ODBC application, like any other application, can be written to perform poorly or fantastically. There is a lot of good information out from Rochester on good/bad ways to program to ODBC. These range from the worst (ODBC with Data Access Objects VB)...to much better (ODBC stored procedures). These are documented in the redbook "AS/400 Client/Server Performance using the Windows Clients" - SG24-4526-01.

### **UPCOMING EVENTS**

**May 13** - John Sears, Steve Miedema and Bob Schuster from Rochester will update you on the latest client/server networking happenings. This session begins at 8:30 AM at IBM - Rooms 501/502. Lunch will be served. Call 1-800-426-7914 Priority Code 6L7VA001 to enroll.

**May 14** - Introducing the Network Station - 9-11 or 1-3 at IBM. Call 1-800-IBM-4YOU and ask for Christy Gladden to enroll.

**TELECONFERENCES** - Call 1-800-289-0579 to enroll

5/13 - Getting started with Data Warehousing - 10 AM - 292074

5/15 - Getting started with Data Warehousing - 11 AM - 292075

5/20 - Advanced Data Warehousing Data Mining - 10 AM - 292076

5/22 - Advanced Data Warehousing Data Mining - 11 AM - 292078

6/18 - Shaku Atre Consultant

### **DID YOU KNOW?**

\*IBM is the largest software company - IBM's software revenue is 50% larger than #2 Microsoft's?

\*IBM is the largest services company?

\*About 70% of all corporate data in the world is managed by IBM software (DB2).

\*IBM has 19 labs and more than 1,000 programmers working on Java components.

\*IBM database products are used by 100% of the Fortune 100 and 80% of the Fortune 500 companies.

*For further information contact our local AS/400 Specialists: Robin Van Wagenen at 968-5552 or Sue Griffin at 328-6840.*

## AS/400 Tips and Techniques

### **The User Profile that Wouldn't Die**

**Q: I have a user profile that I can't delete. Every time I try to delete it, I get an error saying that the user profile owns some objects. But when I run the WRKOBJOWN (Work with Objects by Owner) command, I can't find anything the user owns. I've deleted the user from OfficeVision/400, disabled the account, changed the password, and removed the profile from all application-level security, but I can't delete the profile from the system. HELP?**

**A:** To kill the profile, first run the DSPUSRPRF (Display User Profile) command:

```
DSPUSRPRF USRPRF(USER) TYPE(*OBJOWN)
```

This command will show the folders owned by the user. If the command produces a result, you can either track down what the folders are or run the DLTUSRPRF (Delete User Profile) command with the following parameters:

```
DLTUSRPRF USRPRF(user) +
      OWNNOBJOPT(*CHGOWN newowner)
```

This changes the ownership of the objects to another owner.

If these commands don't work, try reclaiming storage with the RCLSTG (Reclaim Storage) command and then follow it with DLTUSRPRF (as shown above). The user may have owned objects that have lost their library pointer or that are otherwise damaged.

*Compliments of NEWS/400 magazine. For subscription information, call (800) 621-1544.*

## Humor Department

### The Three Engineers

Three engineers travel together in a car, one electrical engineer, one mechanical engineer, and one Microsoft engineer. After a long drive, the car suddenly breaks down with no obvious reason. The electrical engineer says, "I don't know much about cars but let me check the electrical system, maybe I will find the problem." The mechanical engineer says, "I don't know much about cars but let me check the mechanical system, maybe I will fix it!" The Microsoft engineer, who also wants to show some troubleshooting ability, says, "I don't know much about cars, but why don't we close all the windows, get out, and get back in again, and maybe that will work?"

*Thanks to Dennis McConnehey who submitted this one through e-mail.*

## Mark Your Calendar

### May 13

**John Sears, Steve Miedema and Bob Schuster** from Rochester will update you on the latest client/server networking happenings. See the IBM Corner for details.



### May 14

#### Introducing the Network Station

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### May 14

#### IBM Midrange User Group

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### May 8

#### Utah Computer Society (Blue Chips)

Monthly meeting held the 2nd Thursday of each month at 7:00 PM at the U of U Engineering building, room 104. For more information call 281-8339.

### May 13

#### IBM Class: AS/400 RPG IV Programming Workshop

Denver, Colorado, Course # S6086, call 1-800-426-8322 to enroll.

### May 19

#### IBM Class: OS/400 Structure, Tailoring and Basic

**Tuning**, Denver, Colorado, Course # S6023, call 1-800-426-8322 to enroll.

### May 21

#### IBM Class: AS/400 Performance Analysis and Capacity

**Planning**, Denver, Colorado, Course # S6027, call 1-800-426-8322 to enroll.

### June 15-20

#### AS/400 Technical Conference

San Diego, CA. call 1-800-426-8322 and ask for "Conferences."

### June 24

#### IBM Class: AS/400 RPG IV Programmers Workshop

**Advanced Topics**, Denver, Colorado, Course # S6088, call 1-800-426-8322 to enroll.

## User Group 1996-1997 Officers

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