

IBM MIDRANGE USER GROUP

FOR USERS OF THE IBM AS/400 COMPUTER SYSTEM

September 1996 Newsletter

This Month

The turn of the century is upon us. In three short years we will enter the next millennium, the **YEAR 2000**. That is the topic of this month's user group meeting and will be

YEAR 2000

presented by **Gary Larson** of *Lagoon Corporation*.

For more than 40 years computer programmers have been writing software systems with databases that represent the year with only two digits (e.g., 96

versus 1996). Most date fields today are six-digit numeric fields containing two positions for the year, two for the month, and two for the day (YYMMDD). The century was assumed and let early developers conserve expensive disk space. Because the century has been a constant value of "19" since the dawn of computers, this approach has been adequate for most business systems.

But what happens when the next millennium hits? Can your systems handle a year of 00. Most systems will crash and burn if left unchanged. The task of converting every date and changing every program that uses date logic is huge. *This is one project that has a deadline set in stone - it can't be moved or missed.*

Come to this month's meeting to find out more about *The Year 2000 Crisis* and what your options for addressing it are.

Our meeting this month will be held on **Wednesday, September 11th at 11:00 a.m. at the Murray City Offices (City Council Chambers), 5025 South State Street.**

Last Month

Our thanks to Gerald Nichols of Vitrex for presenting the last two sessions for the user group. His talent is very much appreciated. He obviously went to a great deal of work to prepare and his presentations were great.



This last month Gerald presented the second segment of **ILE (Integrated Language Environment)** programming. He explained that ILE is not a language, it is an environment. ILE applies to RPG, COBOL, C, and CL. This will allow you to take advantage of reusing code in mixed-language and call-intensive environments.

Gerald presented the details of how to code in an ILE environment and use the new features, such as binding, and binding directories, and service programs. Information was presented on compiling and binding programs and modules, and some new and easy to use APIs. ILE supports both static and dynamic binding. ILE supports three type of programs, Bound, Unbound, and Service. ILE techniques can also be used to help you get over the year 2000 problem more easily than you would using conventional coding methods. Be sure to get the latest book on ILE coding from IBM. It will save you a lot of time.

Thank you again Gerald, that was great!

Next Month

Next month's meeting will be presented by the Software Technology Support Center (STSC) from Hill Air Force Base.

Coming in November...

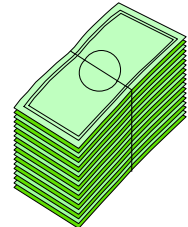
By popular request, the November meeting being planned is a user group roundtable. This will be an open forum to share your problems or solutions with the group. You may bring up any midrange issue or just come to listen. Hardware, software, future planning, good books, education, FSIOP, trends, Internet policies, production measurement, or whatever bugs you or have a solution for, this is your meeting.

We have some tremendous untapped talent in our group and we would like to hear from you. Many of you implement innovative solutions day after day. It may not seem like much to you but it may be the answer to prayers for someone else. You may think "Oh, this is easy." Well, "Even nuclear physics is easy if you know how." So come on out and let's put our heads together and have a great time at our November meeting.

Humor Department

Michael Jordan

(Thanks to Timothy Byrd and Kathy Hayashi)



Michael Jordan will make over \$300,000 a game, \$10,000 a minute assuming he averages about 30 minutes a game.

Assuming \$40M in endorsements next year, he'll be making \$178,100 a day (working or not)!

Assuming he sleeps 7 hours a night, he makes \$52,000 every night while visions of sugarplums dance in his head.

If he goes to see Independence Day, it'll cost him \$7.00, but he'll make \$18,550 while he's there.

If he decides to have a 5 minute egg, he'll make \$618 while boiling it.

He makes \$7,415/hr more than minimum wage (after the wage hike)

He'll make \$3,710 while watching each episode of Friends.

If he wanted to save up for a new Acura NSX (\$90,000) it would take him a whole 12 days.

If someone were to hand him his salary and endorsement money, they would have to do it at the rate of \$2.00 every second.

He'll probably pay around \$200 for a nice round of golf, but will be reimbursed \$33,390 for that round.

He could take 1/100,000th of his income and buy some poor college student 5200 packages of Ramen Noodles.

Assuming he puts the federal maximum of 15% of his income into his tax deferred account (401k), he will hit the federal cap of \$9500 for such accounts at 8:30 a.m. on January 1st, 1997.

If you were given a tenth of a penny for every dollar he made, you'd be living comfortably at \$65,000 a year.

He'll make about \$19.60 while watching the 100 meter dash in the Olympics.

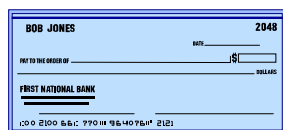
He'll make about \$15,600 while the Boston Marathon is being run.

Next year, he'll make more than twice as much as all of our past presidents for all of their terms combined.

And something to cheer you up after all this.....Jordan will only have to have this income for 270 more years to have a net worth equivalent to that of Bill Gates.

User Group Dues

Its that time of year again. The user group dues are due. The yearly dues are a mere **\$45.00** per company. So what do you



get for this pittance of an investment? First of all, you get to come to the exciting, dynamic, and informative monthly meetings with topics presented by some of the top talents in the country. Secondly, your membership in our user group gives you automatic membership in the **COMMON** user group. Third, you get to receive the hottest, most informative, extremely well written, up-to-date and hip **newsletter** in the industry each month! (Hint: your reading it right now.) Fourth, you get to associate with your peers in the IBM Midrange world - some of the finest people you will ever meet. Lastly, dues paying members get a free meal (2 per company) and a prize at our annual Christmas Luncheon at the Riverboat.

We will be faxing one invoice to each company separately from this newsletter, so please watch for it in the next few days.

Upcoming Conferences

Don't forget the **COMMON Fall Conference and Expo**, October 20-25 in Atlanta. This promises to be another Olympic sized event (without the summer humidity). As a benefit of belonging to the user group, all member can take advantage of **COMMON** membership prices for this event. If you have not registered yet and want to, please contact David Larsen at the meeting and he will provide you with materials.

Also, **COMDEX** is coming up November 18-22 in Las Vegas.

If any members are going to the **AS/400 Technical Conference** next week in Anaheim, CA., it would be beneficial to hear from you at our November meeting and share your experiences .

IBM Corner

CLASSES/CONFERENCES/TELECONFERENCES

October Salt Lake City Seminars - It's a busy month - mark your calendars now!

Oct. 7 - AS/400 Servers - John Sears and a group from Rochester - great stuff!

Oct. 10 - AS/400 and the Internet - AM

Oct. 14 - What's New with Client Access - Carole Miner from Rochester - 8:30-10:30

Oct. 23 - Lotus NetWare Integration with AS/400

COMMON - Atlanta - 10/20-25

Teleconferences - enroll 5 days before - call 800-289-0579

AS/400 vs. PC Servers - 9/18 - 11:30-12:45 - 261534

AS/400 Server of Servers - 9/24 at 1pm - 261536,
9/25 at 11am 261539, 9/26 at 10am -
261541

AS/400 Client Systems Management - 10/1 at
10am - 261545, 10/2 at 11am - 261547,
10/3 at 1pm - 261548

Financial Acquisition Alternatives - 10/8 at
11:30am - 261550

AS/400 and the Internet - 10/21 at 11:30am -
261551

Lotus Notes and the AS/400 - 11/5 at 10am -
261553, 11/6 at 11am - 261554, 11/7 at
1pm - 261557

Getting the Most out of SupportLine - 9/19 at
10am - 260883

Integration of Lotus Notes with AS/400 - 8/13-15, 9/17-
19, 11/19-21, 12/17-19, Rochester

The New World of RPG IV - Salt Lake City - 10/8-11,
\$1,500

OTHER HOT NEWS

AS/400 Certification - levels for Operations,
Administration and NetWare Integration. Call
IBM at 800-IBM-4FAX for information, document
#5355 5356

Year 2000 Guidance Papers -

<http://www.software.ibm.com> or GC28-1251

Client Access NT Beta Code - [http://www.as400.ibm.com/
client/cahome.htm](http://www.as400.ibm.com/client/cahome.htm)

New IBM Anti-Virus Software 2.5 - NT, uses Neural
Network technology, emergency boot diskette for
badly infected systems, can activate while copying,
downloading, etc. <http://www.brs.com/ibmav.html>

New Announcements - Sept 3

Faster processors available on Models 40S, 50S,
53S and 530

13 GB 1/4" tape drive (26 GB compacted)

Significant performance improvement for V3R7

Client Access for Windows '95 enhancements

Lotus Notes/Netware integration on IPCS (V3R7)

Enhanced Integration for Novell NetWare

Internet Connection for V3R7

V3R7 Year 2000 Support

Helpful Home Pages

IBM Home Page - <http://www.ibm.com>

IBM Redbooks -

<http://www.redbooks.ibm.com/redbooks>

Info on IBM Thin Clients -

<http://www.news400.com>

Thanks, Robin Van Wageningen, AS/400 Specialist, 968-5552

For Sale

This new section of our newsletter is for members of the user
group to post any used computer hardware they are selling.

Call Gary Larson at 451-8035 if you would like to place an
ad in future newsletters.

- For Sale: IBM System/36 with some monochrome
terminals. 4234 band printer (less than two years old),
twinax attachable with lots of ribbons. Please contact
Mark Kounalis at 801-553-9885 or
MKOUNAL@concentric.net
- Murray City has various models of dumb terminals for
IBM AS/400, System/36 or 38. Please contact David
Larsen at 264-2501.

Calendar of Events

September 11

IBM Midrange User Group monthly meeting held
the 2nd Wednesday of each month at 11:00 a.m. at
the Murray City Office (City Council Chambers),
5025 South State Street.

September 12

Utah Computer Society (Blue Chips) monthly
meeting held the 2nd Thursday of each month at
7:00 p.m. at the U of U Engineering classroom
building, room 104. For more information call 281-
8339.

September 18

IBM Teleconference - AS/400 vs. PC Servers -
see IBM Corner for details.

September 24

IBM Teleconference - AS/400 Server of Servers -
see IBM Corner for details.

October 7

IBM Seminar - AS/400 Servers - held in Salt Lake
City by John Sears. See IBM Corner for details.

October 8-11

IBM Class - The New World of RPG IV - Held in
Salt Lake City, \$1,500.

October 10

IBM Seminar - AS/400 and the Internet - held in
Salt Lake City. See IBM Corner for details.

October 14

IBM Seminar - What's New with Client Access -
held in Salt Lake City. See IBM Corner for details.

October 23

**IBM Seminar - Lotus NetWare Integration with
AS/400** - held in Salt Lake City. See IBM Corner
for details

October 20-25

COMMON Fall Conference in Atlanta.

November 18-22

COMDEX in Las Vegas

AS/400 Tips and Techniques

Q: How can I stop a non-reply global break message from breaking at a particular workstation?

A: Run the following CHGJOB (Change Job) command:

```
CHGJOB                                +
      JOB(qualified_job_name) +
      BRKMSG(*HOLD)
```

For the JOB parameter, enter the qualified job name of the workstation you don't want to be disturbed (although you usually can enter the workstation name, such as DSP05, without qualifiers).

With BRKMSG(*HOLD), no messages break into the workstation, and the user is never informed that a message has arrived. If you prefer to notify the user (but still keep the message from breaking), use BRKMSG(*NOTIFY) instead.

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

User Group 1996-1997 Officers

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