

IBM MIDRANGE USER GROUP

January 1996 Newsletter



January Meeting

Our meeting this month will be held on **Wednesday, January 10th at 11:00 a.m. at the Murray City Offices (City Council Chambers), 5025 South State Street.**

Be prepared for an EDP Audit!!! Most computer installations have a periodic audit by internal or external auditors. The purpose of the audit is to make sure you have solid system guidelines - and that you follow them!!! This protects you and your business from problems. **Alan Judson**, the MIS Director at the *Bank of American Fork* will share some common sense ideas on how to prepare for an EDP audit, monitor security, and minimize your exposure to problems. Alan has been through many audits because banks are audited by internal, external, and FDIC auditors. Bring your experiences and suggestions with you!!! See you there.

December Meeting Highlights

Our annual Christmas Luncheon was held on December 13th at the *Riverboat*. We feel it was a success and hope all who attended had an enjoyable time.

Our speaker for this meeting was **Mary Lavern** from Seattle, Washington. Mary is the IBM AS/400 brand manager for the Western Area. She flew out of Seattle amid severe storms just to be with our group to speak to us about the exciting things happening in the AS/400 world.

Humor Department

A company chairman was given a ticket for a performance of Schubert's Unfinished Symphony. Since he was unable to go, he passed the invitation to the company's Quality Assurance Manager. The next morning, the chairman asked him how he enjoyed it, and, instead of a few plausible observations, he was handed a memorandum which read as follows;

1. For a considerable period, the oboe players had nothing to do. Their number should be reduced, and their work spread over the whole orchestra, thus avoiding peaks of inactivity.
2. All twelve violins were playing identical notes. This seems unnecessary duplication, and the staff of this section should be drastically cut. If a large volume of sound is really required, this could be obtained through the use of an amplifier.
3. Much effort was involved in playing the demi-semiquavers. This seems an excessive refinement, and it is recommended that all notes should be rounded up to the nearest semiquaver. If this were done, it would be possible to use trainees instead of craftsmen.
4. No useful purpose is served by repeating with horns the passage that has already been handled by the strings. If all such redundant passages were eliminated, the concert could be reduced from two hours to twenty minutes.

In light of the above, one can only conclude that had Schubert given attention to these matters, he probably would have had the time to finish his symphony.

Found on **FORUM/400**

IBM Corner

New Manuals

- Inside Client Access/400 Optimized for OS/2
SG24-2587 - \$70
- Inside Client Access/400 for Windows 3.1
SG24-4429
- AS/400 Roadmap for Changing to PowerPC
SA41-4150 - \$33
- Data Warehousing Concepts for AS/400
G325-6309 - \$1.35
- AS/400 Client/Server Challenges and Solutions
F325-6303 - \$14.75
- Client Access ODBC - SC41-3533
- Reduce Your Risks on the Road to RISC - GX410-0174
- To order: Call 1-800-879-2755, Option 5

Client Access Information

PTFs for Windows 95 working with Client Access V3R1M1 should be available from Rochester by 1/31/96. There are certain limitations with this client. Client Access must use SNA on either Token-Ring or Ethernet. Also, you must use either IBM LAN Support Program 1.35 or later, Microsoft's 16-bit DLC with Windows 95, or Microsoft 32-bit ship level DLC. A "native" Windows 95 client is expected mid-year timeframe.

Watch this space for more details as they become available.

Novell NetWare Integration Available On IMPI

The Novell NetWare integration no-charge features of the operating system became available on December 22, 1995. This enables AS/400 non-RISC machines to run Novell 4.1 on the FSIOP (PC-integrated server) on the AS/400. To order, specify all of the following no-charge features to the operating system (5755-AS3)

- FC 1643 - Network Extensions
- FC 1644 - Integration Services for FSIOP
- FC 1645 - Integration for NetWare

NetWare 4.1 is ordered from any Novell NetWare dealer.

Education and Conferences - 1-800-IBM-TEACH

- AS/400 System Operator Workshop
Feb 21-23, \$945, \$6029 - SLC
- AS/400 Advanced System Operator Workshop
Feb 27-29, \$1,150, \$6041 - SLC
- AS/400 System Administration and Control
Apr 22-26, \$1,415, \$6019 - SLC
- OS/400 Structure, Tailoring and Basic Tuning

Apr 29-30, \$630, S6023 - SLC
 AS/400 Performance Analysis/Capacity Planning
 May 1-3, \$1,035, S6027 - SLC
 AS/400 Concepts and Prog. Facilities Workshop
 May 7-10, \$1,260, S6049 - SLC
 AS/400 CL Programming Workshop
 June 18-21, \$1,375, S6020 - SLC

Thanks, Robin Van Wageningen, AS/400 Specialist, 328-6840

Calendar of Events

January 10

IBM Midrange User Group monthly meeting held the 2nd Wednesday of each month at the Murray City Office at 11:00 a.m.

January 10

Utah Computer Society (Blue Chips) monthly meeting held the 2nd Wednesday of each month at 7:00 p.m. at the U of U Engineering classroom building, room 104. For more information call 521-7830.

January 16

Free Microsoft Seminar: Comparisons between Windows 95 and Windows 3.X. Held from 8:30 AM to 11:00 AM at the Salt Lake City Chamber of Commerce office located in the City Centre Building at 175 East 400 South. For information call (800) 221-6224, ext. 1767.

January 16

Free Microsoft Seminar: Introduction to the Power of Office Professional for Windows95. Held from 1:00 to 4:00 PM at the Salt Lake City Chamber of Commerce office located in the City Centre Building at 175 East 400 South. For information call (800) 221-6224, ext. 1767.

January 17

Monthly meeting of the **Midrange Programmers Association (MPA)** held the 3rd Wednesday of each month at 5:30 p.m. at the HBA fifth floor conference room, 5295 South Commerce Drive, Murray. For more information call Ken Duke at 284-6555.

Topic will be API Programming Techniques in RPG. Two examples will be demonstrated, one to work with data queues and the other to display file record layouts.

January 18

Free Microsoft Seminar: Windows95 on a NetWare Network. Held from 8:30 to 11:30 AM at the Salt Lake City Chamber of Commerce office located in the City Centre Building at 175 East 400 South. For information call (800) 221-6224, ext. 1767.

AS/400 Tips and Techniques

Q: Some of my physical files are created with the UNIQUE DDS keyword, and some are created without it. In both cases, these files should never have duplicate keys. Is there any advantage or disadvantage to using the UNIQUE keyword?

A: The UNIQUE keyword guarantees that the keyed physical or logical file member contains no duplicate keys. Your question can

be rephrased, then, to ask whether it's better to let the system check for duplicate keys (with the UNIQUE keyword) or to perform the check yourself within your HLL programs.

One of the first principles of database design is that you must ensure that a primary key exists for every physical file. Therefore, at least one of your logical files or the physical file itself must use the UNIQUE keyword to enforce the unique key.

It is not sufficient to code your programs so they perform the necessary checking to ensure key uniqueness. Consider that not all updates may be performed via your "good" programs - those that supposedly enforce the unique key. For example, perhaps you use SQL or Data File Utility (DFU), or update records via PC Support; in these cases, there is no guarantee that keys will be unique unless there's a UNIQUE keyword in the file's DDS.

Checking for a key value's existence in a unique database index is a relatively fast operation, because the whole index doesn't need to be traversed. So you needn't be overly concerned about the performance consequences of using UNIQUE.

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

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