

IBM MIDRANGE USER GROUP

FOR USERS OF THE IBM AS/400 COMPUTER SYSTEM

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June 1998 Newsletter

This Month's Meeting

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

The topic will be JBuilder. A tool used for developing Java code. Here is your chance to ask all those questions about how to get started writing Java code for your AS400.

JBuilder/400

Our presentation will demonstrate how Java can be used to create secure, scalable, enterprise client-server and n-tiered solutions. One of the most difficult hurdles to overcome in developing applets which connect to a database is the network restrictions put upon the applets. An applet is only allowed to connect to the machine from which it has been served from. This network restriction prohibits an applet from being served from a web server and connecting to a different database. This significantly restricts what an applet can do. However, we will demonstrate a different approach to deploying data aware applets on the internet.

Using Java servlets, we will create an applet which will display data from a machine on a network, other than the web server from which it is downloaded.

Using an architecture developed at Keane, Inc., we will write an applet which connects to a servlet on a web server. From this servlet, the applet will request data, which the servlet will retrieve and deliver to the applet. All of the connectivity to the database occurs on the web server. No passwords, user id's or other information are transmitted across the Internet. The only information transmitted is the actual data, and even this can be protected through the use of SSL.

This 3-tiered approach hints at other possibilities from the applet side of the Internet. Using the servlets as brokers, applets will in the future be able to use all the power and capabilities that any Java application has available to it, without any problems placed upon the applet because of the Java security model. Enterprise Java Beans, distributed objects, RMI, and other capabilities can be integrated into the current broker architecture. Using this architecture, an applet can access functionality within a network and not experience any network or security problems. The web server can be secured through a variety of security measures, and as long as an applet can post to a URL on the web server, information can be transmitted back and forth between the applet and the web server.

It is our belief that this is the future way in which robust, secure Java based applications will be created and deployed on the Internet. Come see how to do it at this month's Salt Lake AS/400 User Group.

Mike Meservy
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May Meeting Highlights

Our guest speaker was **Mathew J. Lyman**, president of **Lyman Brothers**, an international satellite telecommunications contracting and consulting firm headquartered in Salt Lake City, Utah. Lyman Brothers specializes in emergency response, disaster recovery and transportable satellite systems for data, voice and video transmission.

The meeting started with lots of food. Followed by the elections. The votes were tallied by hand and using some undisclosed formula, the results were calculated. The following are your new officers.

User Group 1998-1999 Officers

President	David Larsen Murray City (801) 264-2501 dlarsen@ci.murray.ut.us
Vice President	Michael Meservy GSE Erudite Software (801) 373-6100 meservym@gses.com
Secretary	John Long Motor Cargo (801) 299-5264 johnlo@motorcargo.com
Treasurer	John Dietz Vitrex (801) 393-0008 john.dietz@vitrex.com

IBM Corner

Lunch and Learn is an ongoing series of teleconference calls with a variety of speakers, including experts from the Rochester Development Lab, and consultants from the information systems industry. Following are the June & July teleconference calls.

We hope you take advantage of this easy and flexible way to acquire AS/400 education without ever having to leave your office. These calls are offered at no charge to you.

To enroll call 1-800-289-0579 and reference the corresponding confirmation code.

Turning Your AS/400 into a Web Server

Speaker: Al Grega
Date: June 9
Time: 1:00 ET
Confirmation Code: 461048

Inside the AS/400 Firewall

Speaker: Al Grega
Date: June 11
Time: 1:00 ET
Confirmation Code: 461050

AS/400 Tools for Year 2000 Readiness (BYPASS 2000)

Speaker: Rob Rothenberg, et al.
Date: June 16
Time: 1:00 ET
Confirmation Code: 461055

Implementing Doman on AS/400: How to Get Started

Speaker: Mark Mendelson
Date: June 23
Time: 1:00 ET
Confirmation Code: 461057

High Availability Options for AS/400

Speaker: Bob Morici
Date: June 25
Time: 1:00 ET
Confirmation Code: 461058

Implementing NT on Your AS/400

Speaker: Bob Schuster
Date: July 16
Time: 1:00 ET
Confirmation Code: 461063

Consultant Call:

Speaker: TBA
Date: July 22
Time: 1:00 ET
Confirmation Code: 461011

Getting Started with Net.Commerce on AS/400

Speaker: Steve Miedema
Date: July 28
Time: 1:00 ET
Confirmation Code: 461044

Thanks very much!
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AS/400 Tips and Techniques

This month's News/400 includes a free CD with a Java tutorial pasted on page 8. "Using VisualAge for Java AS/400e". If your issue is missing it or if you don't receive the News/400 subscription, you can call 1 800-IBM-7777 and reference priority code 6N7HC020 to get a copy. IBM also distributes a free demo version of VisualAge for Java on their internet site.

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

Humor Department

"The Computer Hillbillies"

Come and listen to a story 'bout a man named Jed,
A poor college kid, barely kept his family fed,
But then one day he was talking to a recruiter,
Who said, "They pay big bucks if ya work on a computer..."

Windows, that is... PC's... Workstations!...

Well, the first thing ya know ol' Jed's an Engineer.
The kinfolk said, "Jed, move away from here".
They said "California is the place ya oughta be",
So he bought himself some donuts and moved to the valley...

Silicon, that is... Intel... Pentium...

On his first day at work, they stuck him in a cube.
Fed him some more donuts and they sat him at a tube.
They said "your project's late, but we know just what to do.
Instead of 40 hours, we'll work you 52!"

OT, that is... unpaid... mandatory...

So the weeks rolled by and things were looking bad.
Schedules were slipping and some managers were mad.
They called another meeting and decided on a fix.
The answer was so simple... "We'll work him sixty-six!"

Tired, that is... stressed out... no social life...

The months turned to years and his hair was turning gray.
Ol' Jed was working hard while his life it slipped away.
He was waiting to retire when he turned 64,
Instead he got a call and was escorted out the door.

Laid off, that is... de-brief... unemployed

Now the moral of the story is listen to when you're told,
Companies will use you up and discard you when you're old.
So gather up your friends and start up your own firm,
Beat the competition, and watch the bosses squirm.

Millionaires, that is... Bill Gates... Steve Jobs...