



TSM Voice

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November 2004

The new IBM i5 Servers and i5/OS

Speaker: Mark Zoller

Mark has been with IBM for 28 years and was a mid-range server Systems Engineer from 1980 to 1992. He worked with the retail team on large accounts with S/34, S/36, and AS/400 products. In 1992 he joined the IBM AS/400 marketing team as an AS/400 marketing specialist with a focus on AS/400 large accounts. His current responsibilities include the Cincinnati/Dayton and the Kentucky territory for all iSeries accounts, both direct and through the channels organization.

IBM eServer i5 servers extend the IBM eServer iSeries family and are the first servers in the industry based on IBM's game-changing POWER5 64-bit microprocessor, giving you the flexibility to move from one generation of technology to another without disrupting your business. IBM also announces i5/OS™ V5R3, the next generation of OS/400. Featuring support for multiple operating systems and application environments on a single, simplified platform, the eServer i5 servers help you do more with less.

These highly integrated, powerful servers offer an on demand computing environment for IBM i5/OS, IBM AIX 5L™, IBM WebSphere®, Microsoft® Windows® ,

November Meeting Information

Date: Tuesday, November 9, 2004

**Time: 5:30 – 6:30 Networking
6:30 – 7:30 Dinner
7:30 – 9:00 Meeting**

**Place: Montgomery Inn Boathouse
Downtown
925 Eastern Avenue
Cincinnati, OH 45202
513.721.7427**

**Topic: The new IBM i5 Servers
and i5 /OS**

Speaker: Mark Zoller, IBM

**Cost: (includes coffee, tea, milk)
\$ 27.50 Members
\$ 40.00 Non-members
\$ 5.00 Meeting only**

**Reservations required, before noon, Friday,
November 5, 2004 by calling 513-357-6173 or
send an email with your company name, phone
number and each attendee's name to
tsmug@tsmug.org.**

No cancellation after above date and time.

**See our web page for directions via MapQuest,
www.tsmug.org/meetings.html**

Linux, and Java TM solutions. Flexible growth options, resource virtualization and intuitive management tools mean that IBM i5 servers can provide not only the power and capacity to run core business applications, but also the freedom and scalability to add new e-business applications on the same server.

The presentation will cover:

- New i5 hardware products
- New i5/OS and Enterprise licensing
- Compatibility and upgradeability from current systems
- Customer Upgrade on Demand options
- I/O - what's new

September TSMUG Meeting Review

Christopher Burns from GEMKO Information Group in Buffalo, New York, came to Cincinnati in September to present "Time for 21st Century RPG – No More Excuses." He presented the following top ten and a half lame excuses for not learning the new RPG:

1. I don't have time to learn a new language, let alone a new programming model.
2. If the old school works, why fix it?
3. I'm only a few years from retirement, and really don't want to learn anything new.
4. My boss doesn't understand all this newfangled stuff, so he/she won't let us pursue it.

5. We have strict programming standards that have been in place for 15 years.

5 ½ RPG III is like duct tape. It can fix anything.

6. RPG is dead. Why should I waste my time?

7. I'll just wait and learn Java when I have to.

8. Our third party vendors still use RPG III.

9. There will always be jobs for RPG III programmers like me.

10. Why should I change a thing? If it was good enough in 1980, it's good enough now!

Christopher then presented two famous AS/400 programmers: Captain Kirk and Mr. Spock. Captain Kirk, the adventurous one, constantly refreshes his skills and embraces RPG IV. Mr. Spock, the "logical one", maintains his "stable" skill set. A comparison followed of how they tackle business and programming challenges using the tools of RPG III vs. RPG IV and ILE concepts. It was quite humorous and eye-opening.

The GEMKO 21st Century Roadmap was presented and compared to IBM's iSeries Developer Roadmap. GEMKO provides RPG and iSeries training, and their key to using 21st Century RPG is education. We as professionals need to keep our skill sets fresh, for our employer and our own professional selves.

We thank Christopher Burns and Steve Kait, a Xavier alumnus, for traveling all the way from Buffalo to give us an outstanding view of the new RPG. Check out their company's website at www.GEMKO.com for their diverse education offerings.

Spyware ...Sneaky PC Data Mining **Kim Anderson**

Chances are good that either in your workplace or at home, if you are using a PC, you've been exposed to spyware. If you haven't heard of spyware, or adware, it is unwelcome software designed to track your online PC behavior, and send it to advertisers. "But I would never download that kind of stuff on my PC," you say. "I have a firewall and anti-virus software to protect me," you sniff. You might be in for a surprise.

Among a number of good web sites, www.spywareguide.com can give you a background, and some information on what to do about it. According to their definition, "Adware, also known as an Adbot, can do a number of things from profile your online surfing and spending habits to popping up annoying ad windows as you surf. In some cases Adware has been bundled (i.e. peer-to-peer file swapping products) with other software without the user's knowledge or slipped in the fine print of a EULA (End User License Agreement). Adware can be obnoxious in that it performs "drive-by downloads". Drive-by downloads are accomplished by providing a misleading dialogue box or other methods of stealth installation. Many times users have no idea they have installed the application. Often Adware makers make their application difficult to uninstall."

This sounds illegal, but it is a gray area. After all, your user (or maybe you) voluntarily downloaded a "free toolbar", "free emoticons for your email", or some other freebie. And you didn't know that this was implied consent to get a little spyware also! Your firewall and anti-virus software often will not detect this stuff: after all, you invited the little vampires in, and now they

will begin to slowly feed. Just by browsing and clicking, you may be collecting this trashy software.

Spyware can install itself into your PC services, hack into the PC registry, create files and folders. So you might get a user calling you to say "I'm getting a lot of pop-up ads" or "my PC is getting so slow". I have seen PC's become nearly un-useable in the worst cases.

There are tools that can help. I am partial to Ad-Aware from www.lavasoft.nu, but there are others. Ad-Aware is free for personal use, and they constantly update the online list of detectable spyware. If you use it in your company, buy a copy, it's cheap and effective. Hey, I have kids at home. Despite my home firewall and updated anti-virus protection, Ad-Aware found dozens of data miners in my home PC. Here at work, the same software has come to the rescue of user PC's on several occasions.

Estimates say that a majority of PC's with Internet access have spyware. You might be the exception, but I suggest you don't take it for granted.

Kim Anderson
education@tsmug.org

Member of the Year !!!

At our November meeting, we will draw one (1) name from all applications accepted. One person will win free TSMUG dinner meetings for the year. That includes January, March, and September of 2005.

To be eligible, submit your application with payment prior to the November meeting.

President's Corner

David W. Corfman, CCP

It was another great meeting to welcome us back from the long summer. Have you been feeling stagnant with your current RPG skill set? The September meeting was just what you needed. I saw myself in a few of the Mr. Spock excuses.

I thank those of you who have sent in your membership applications and dues. You are supporting the local unified voice of the iSeries community, while getting continuing exposure to the latest development tools and strategies. Be sure to have your paid membership turned in by the November meeting to be eligible for the Member of the Year drawing.

We try to hold one meeting per year in Northern Kentucky. We almost made it for the November meeting, but stopped just north of the river at the Montgomery Inn Boathouse. I will miss it, due to our ten year wedding anniversary trip to New York City. I'll see all of you in January.

The November meeting is all about the new hardware and new operating system. What's in a name? You'll find out with the renamed iSeries and OS/400. They will smell just as sweet.

We are always looking for input for meeting topics, so be sure to drop Kim Anderson a line if you have an idea or need. And remember to vote on November 2nd!

A Message on Membership

Mark Douyere

As VP of membership I thought I'd share some of the roster numbers with the group.

Presently, we have 25 registered companies (11 Individual memberships and 14 corporate memberships) with 116 members. There are several members from last year that have not signed up and I certainly hope they do.

As you all know, there are many benefits to being associated with TSMUG. There are numerous networking opportunities, we try to bring in speakers based on your feedback, the knowledge base where one can draw input from another. And then, there is TSMUG's affiliation to COMMON, which enables all TSMUG members to get a price break if and when they attend any COMMON function.

Should anyone in the group know of folks in a local organization with AS/400s that are not members, please encourage them to sign up. By doing so, we can grow the group to a number that is far more than what we currently have.

Making the Right Linux Choice

Jeffrey A. Welsh

It seems that we need to make more and more choices these days. Sometimes I long for the days when our computing life was much simpler, but I digress. In this article, I'll talk about considerations to think about when choosing Linux. I'm not going to go into whether you should install Linux on your iSeries or not; that is beyond the scope of this article.

A wise man once said that you can choose wisely or you can choose poorly. Linux on the iSeries comes in two flavors, Red Hat or SUSE. Either are fine choices, but they are licensed much differently. This difference in licensing could very much influence which flavor is right for you. As usual, it comes down to cost. But isn't Linux free you might ask? The answer is: of course it

is, if you want to go through the hassles of compiling and configuring the Linux source. For the rest of us, we will want to make a choice of one of the supported versions of Linux and have it shipped to us on CD.

For the iSeries in the United States you can choose either Red Hat or SUSE. In looking at the table below, one would have to ask the obvious question: Why would you pick SUSE when Red Hat is half the cost? As a consultant, I now get to use my favorite line: "it depends." Not to sound like Bill Clinton, but it depends on the definition of "install".

Red Hat defines install this way: The charge unit is per install. Each license entitles the customer to run RHEL 3 on a single server image (non-LPAR mode) or a single LPAR. Each LPAR running RHEL 3 requires a license.

SUSE Linux defines install this way: Charge units are Per Install for 1-2 CPU Systems and Per Install for 1-8 CPU Systems for SLES8. The product can be run in multiple LPARs on the system it was purchased for.

So here's how I interpret the licensing: Red Hat requires a license fee for each instance of Red Hat Linux that is run. SUSE Linux requires a license fee for each machine that it is run on and you can run as many instances (LPARS) as you like on the same machine with no additional cost.

So it looks like you get to choose. Red Hat Linux could be a very good choice if you are running one or two partitions. SUSE Linux could be a very good choice if you want to run more than two partitions.

For more information on Linux licensing on the iSeries, please follow the URL below.

http://www-1.ibm.com/servers/eserver/series/linux/eserver_i5.html

If you are a technical person or someone that wants technical information on why you might even want to run Linux on the iSeries to begin with, please follow the URL below.

<http://www-106.ibm.com/developerworks/linux/power/index.html>

Version	# of CPUs	Feature Code	License Fee	Media	Feature Code	Cost	Total
Red Hat	1-2	2423	\$295.00	CD	3410	\$109.00	\$404.00
Red Hat	1-8	2431	\$595.00	CD	3410	\$109.00	\$704.00
SUSE	1-2	2416	\$689.00	CD	2418	\$109.00	\$798.00
SUSE	1-8	2431	\$1379.00	CD	2418	\$109.00	\$1488.00

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