



TSM Voice

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January 2003

January's Topic & Speaker News

In today's complex e-business world, managing code on multiple platforms requires more process management than traditional iSeries development can handle. A multi-platform environment significantly increases the challenges of providing secure, reliable and accurate management of change. Lack of control can lower the quality of code and content - ultimately increasing the risk of failure in critical, customer-facing applications.

In this presentation Scott Horowitz, Aldon Computer Groups Product Evangelist will highlight the potential pitfalls of multi-platform programming, the challenges associated with this type of development, and suggestions on how to successfully navigate through this complex environment.

Scott Horowitz, Product Evangelist for Aldon Computer Group, is a recognized authority on Software Configuration Management, and has over ten years of experience in the industry. He is the author of numerous articles on change management, and multi-platform change control, and has been instrumental in educating companies on the benefits of change management and Affiniti, Aldon's multi-platform change management tool. He can be reached at shorowitz@aldon.com

January Meeting Information

Date: Thursday, January 23, 2003

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

Place: Radisson Cinti Riverfront
Riverview Revolving Restaurant
I-75 & 5th St Exit
Covington, Ky 41011
859-491-1200

Topic: Multi-platform iSeries
Development

Speaker: Scott Horowitz,
Aldon Computer Group

Cost: (includes dessert)
\$ 25.00 Members
\$ 35.00 Non-members
\$ 5.00 Meeting only

Reservations required, before noon, Friday, January 17, 2003 by calling 513-357-6173 or send an email with your company name, phone number and each attendees name to tsmug@tsmug.org.

To cancel your reservation, you must notify us 24 hours before the meeting or you will be billed the meeting fee.

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

**** Door Prizes ****

Recap of our November Meeting

By Nancy Chance

Fant Steele, Senior IT Technical Specialist on the e-business team in the iSeries Advanced Technical Support Group located in Rochester, MN presented the topic, Linux on the IBM iSeries server. The meeting was held at Jillian's in Covington, in the groove shack. If you have ever been to Jillian's on a weekend, this is the first dance club you find when climbing the tower steps. This was the first TSMUG meeting that included a mirror ball, black lights, dance cages and various other décor. It was a first for our presenter too. Here are some highlights from the presentation.

Fant started with an explanation of the Linux license, a general public license or 'GPL' and open source software. For a complete copy of the GPL, visit the web site www.gnu.org/copyleft/gpl.html. Open source software is defined by the Free Software Foundation (I'm sure you'll find them on the web too).

Since Linux is a free operating system, it can be a cost effective solution for companies wishing to take advantage of older systems (PC's), because it does not require a fast processor or a lot of memory. If user requirements are email and simple word processing, Linux can provide a fast/reliable end user solution using shareware applications. Linux can be used as a server or desktop.

Fant was a great presenter and it was easy to see why he is a favorite at COMMON. He plans to email us a copy of his presentation and we will be posting it on the web when it is received.

Other Linux highlights from the meeting:

- Linux power PC kernel, <http://linuxppc64.org>
- WINE – windows emulator for Linux, allows running windows programs.
- CaSe matters in Linux – you cannot mix upper/lower case.
- Webfear - oops - Webshpere
- The iSeries won best of show at the Linux World conference. This was running on an iSeries model 820 for Linux.
- Linux runs on the following iSeries models, 270, 820, 830, 840, 890 (64 bit) with OS/400 V5R1 or V5R2. (Requires sStart or iStar chip processor.)
- Linux runs in a secondary partition with OS/400 running in the primary partition (yes you still need a base of OS/400). IBM has a special license of OS/400 for Linux only machines.
- Your swap file size should be configured to be 2 times the amount of memory.
- Single footprint = 1 box.
- Linux Configuration Redbook, SG24-6232.

Congratulations Jeff Howard!

Our 2002 – 2003 TSMUG membership drive contest drawing was held at our membership meeting on November 12, 2002. Jeff was the winner of our Grand Prize, a Digital Camera. Jeff is an employee of Richards Industries, Inc. Enjoy the camera Jeff!

Technical Tip of the Month

This tip is provided by Delores Meade, Operations Manager at Bigg's.

Viewing a System Request Workstation in Active Jobs

The system request option 1 function is known in our shop as “the flip side”. Have you ever had a user call and state their terminal is locked, only to find they have received an interactive error? Most of the time the user does not tell you they have an error, and by the time you look into what is happening with their job they have done a system request to “the flip side”. Now you may not have this problem in your shop because you can limit users to only one session. Even if you do this, it does not limit SYSREQ and second sign-on to the “flip side”.

For years I have explained to operators how to find and trouble shoot problems with interactive jobs and told them that they would not see both sessions of the workstation job on the active jobs display (WRKACTJOB). Well folks, this has changed (I do not when or which release this change took place). Currently we are on release V5R1M0. Using the Work Active Jobs command (I display only out interactive subsystem QINTER), and pressing F14, you can see both sessions for the workstation job. This function is very helpful to operations and programming staff for trouble shooting problems on user terminals.

```
Work with Active Jobs                                BIGGS00
                                                    12/09/02 16:53:52
CPU %:      2.8      Elapsed time:  00:02:56      Active jobs:  348

Type options, press Enter.
  2=Change   3=Hold   4=End   5=Work with  6=Release  7=Display message
  8=Work with spooled files  13=Disconnect ...

Opt  Subsystem/Job  User          Type  CPU %  Function          Status
-----
QINTER
  AC00NT01S1  A3LB         INT    .0    PGM-MA000CL      DSPW
  AC00NT13S1  A5PS         INT    .0    PGM-MA000CL      DSPW
  AC00NT44S1  A2BC         INT    .0    PGM-MA000CL      DSPW
  AC00NT79S1  BCBW         INT    .0    PGM-MA000CL      DSPW
  AC00NT98S1  BCLW         INT    .0    PGM-MA000CL      DSPW
  ET01NW01S1  SSCLERK01   INT    .0    PGM-MA000CL      DSPW
  ET10NW01S1  MOTR10      INT    .0    PGM-MA000CL      DSPW
  FL07NT18S1  FL07        INT    .0    PGM-MA000CL      DSPW

More...

Parameters or command
===>
F3=Exit    F5=Refresh    F7=Find    F10=Restart statistics
F11=Display elapsed data  F12=Cancel  F23=More options  F24=More keys
```

Screen 1 shows the view of work active job when a user has both sides of the workstation signed on. Notice that you only see the workstation job for the session they are actively using.

```

                                Work with Active Jobs
                                BIGGS00
                                12/09/02 16:53:52
CPU %:    2.8      Elapsed time:  00:02:56      Active jobs:   348

Type options, press Enter.
  2=Change  3=Hold  4=End  5=Work with  6=Release  7=Display message
  8=Work with spooled files  13=Disconnect ...

Opt  Subsystem/Job  User      Type  CPU %  Function      Status
   QINTER          QSYS      SBS    .0    DEQW
   AC00NT01S1    A3LB     INT   .0    PGM-MA000CL  DSPW
   AC00NT01S1    A3LB     INT   .0    PGM-QMNSYSRQ SRQ
   AC00NT13S1      A5PS      INT     .0    PGM-MA000CL  DSPW
   AC00NT44S1      A2BC      INT     .0    PGM-MA000CL  DSPW
   AC00NT79S1    BCBW     INT   .0    PGM-MA000CL  DSPW
   AC00NT79S1    BCBW     INT   .0    PGM-QMNSYSRQ SRQ
   AC00NT98S1      BCLW      INT     .0    PGM-MA000CL  DSPW
   ET01NW01S1      SSCLERK01 INT     .0    PGM-MA000CL  DSPW
                                                More...

Parameters or command
===>
F3=Exit   F5=Refresh   F7=Find   F10=Restart statistics
F11=Display elapsed data  F12=Cancel  F23=More options  F24=More keys

```

Screen 2 After pressing F14, it shows not only the active session for the workstation, but also the system request side. (Shown in **bold** for emphasis in this publication.)

ISeries (& Other Event Calendar

TSMUG members are also members of the COMMON users group and receive discounts at conferences. If you are a member and plan to attend the COMMON conference, contact Mike Riemen (MPRiemen@IX.netcom.com) before you register to get our group membership#.

- Linux World Conference & Expo, January 21 – 24, 2003, Jacob K. Javits Convention Center, New York, New York. Web site: www.linuxworldexpo.com
- Lotusphere 2003, January 26 – 30, 2003, Orlando, Florida. Web site: www.lotus.com/lotusphere.Orlando.nsf/wdocs/lshome03
- COMMON Spring 2003 Conference & Expo, **March 9 - 13, 2003, Indianapolis, Indiana . Early bird rates until 2/4/03.** Web site: www.common.org
- IBM eserver iSeries Conference (Spring), June 23 – 27, 2003, Las Vegas, Nevada. Web Site (include the dash between www & 3): <http://www-3.ibm.com/services/learning/conf/us/>
- IBM eserver iSeries Conference (Fall), October 13 – 17, 2003, Orlando, Florida. Web site: see spring conference above.

Vendor Show Committee Meeting

The next Vendor Show committee meeting will be held on January 8, 2003, 7pm at General Revenue Corporation in Blue Ash. Anyone wishing to participate on the committee is invited to attend. For more information or directions, contact 513-357-6173 or email tsmug@tsmug.org or Sissy Starr, leesissy@fuse.net.

Special Thanks to:

TSC Apparel

For those of you who did not attend the November meeting, you missed some terrific door prizes. The folks from TSC Apparel brought six great Reebok Golf shirts and a tote bag. They have promised more in the future.

TSC Apparel is a wholesale distributor of brand name activewear, serving the industry for more than 25 years. They are located on Mosteller Road in Cincinnati, with distribution centers in California and North Carolina. You can check them out at www.tscapparel.com. Thanks again!

Aldon

For sponsoring our networking hour at the November meeting.

Fant Steele, Sr IT Technical Specialist, IBM Rochester

For presenting at our November meeting.

November meeting attendees

With a special thanks to the staff at Jillian's for all of their attention.

You help TSMUG succeed!

Directions to the January meeting

The Radisson Cincinnati Riverfront (known formerly as the Revolving Restaurant) is located at 668 West Fifth Street in Covington, Kentucky.

Take I-75 (coming from north or south) exit #192.

From the north this is the first exit off the bridge, turn left at the bottom of the exit, and the hotel is to your left.

From the south, the exit is to your right and put you in front of the hotel.

There is both a parking lot and garage attached with free parking. Come to the lobby and take the elevator to the 16th floor. Hope to see you there!

TriState Midrange Board of Directors

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Direct newsletter correspondence to Nancy Chance, ncchance@zncinc.com

Next Meeting - Wednesday, March 6, 2003

