

# – TUG MoM Review –

## The March 2002 Meeting of Members

By Beverly Russell



*Bev Russell*

A large turnout was on hand to see not only 2 terrific presenters but also to experience first hand some of the changes our membership committee is trying to make to entice even more of our members to attend the general meetings.

### Linux on iSeries

Our first presenter was **Dave Boutcher**. Dave is a Senior Technical Staff Member working in the iSeries development lab for IBM in Rochester, Minnesota. He is currently working on Linux on the iSeries and that was the subject of his presentation.

In order to run Linux on iSeries, you need to have a primary partition that is running OS/400 V4R5 or V5R1. With V5R1, you are able to partition fractions of the processor, with the minimum partition size being .10. This can be increased in size incrementally by .01 of a processor. On one iSeries box, you can run up to 31 Linux partitions simultaneously. Linux has access to all tape, CD-ROM, DVD devices in the hosting partition. You need to reserve some disk space for

the Linux partition. This is done using the Integrated xSeries Server's NWS (Network Server Description) facilities. To start Linux vary on the NWS. No console is required. You can use a PC attached to the hosting, or primary partition, via TCP/IP. No TCP/IP adapter is



*Dave Boutcher*

even required for the Linux partition. Communications can be accomplished via the Virtual LAN capabilities from the iSeries. Virtual LAN supports communications between OS/400 and OS/400, or Linux and OS/400, or Linux and Linux.

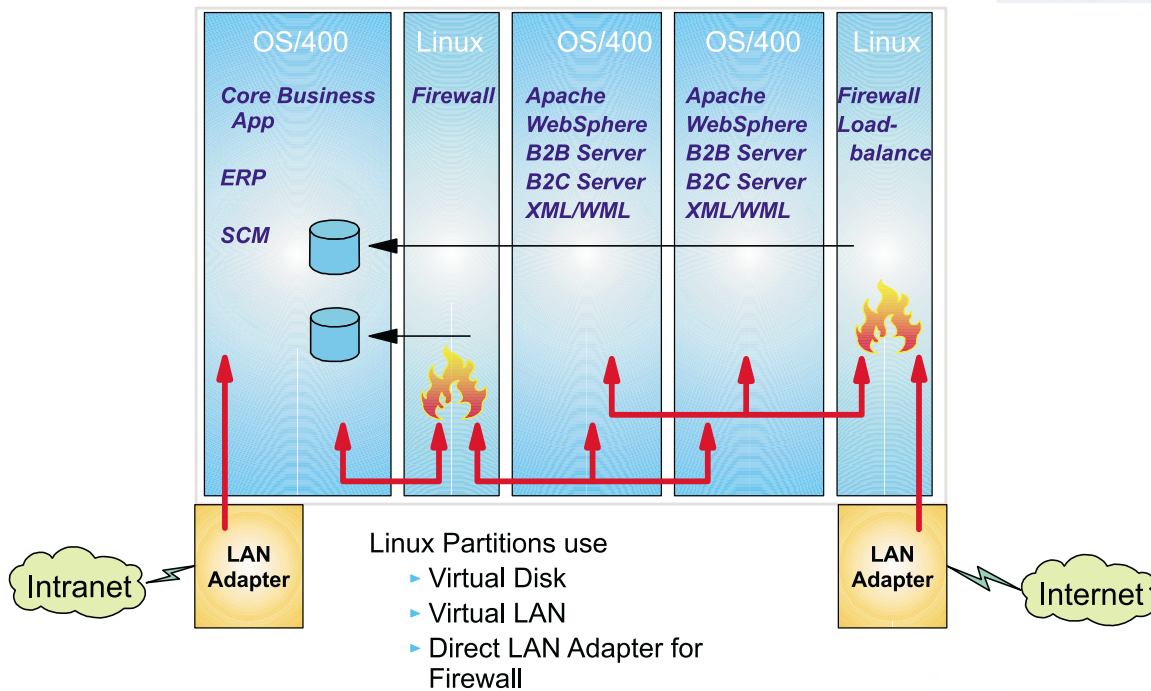
This is part of V5R1. There are currently 3 distributors that support Linux on the iSeries – SuSe Linux Enterprise Server 7 (supported in 64 bit mode), Turbo Linux 6.5 for iSeries (32 bit) and Red Hat Linux 7.1 for iSeries SMB Bundles.

### Meeting of Members

After Dave's presentation, the attendees enjoyed a change from our usual supper-time fare. Our membership committee decided to try something a bit different to perk up our meetings. Supper consisted of Caesar salad and pasta with the choice of a chunky tomato sauce or smoked chicken, mushrooms and peppers in a basil garlic cream sauce. Yum Yum! Reviews from those who joined us were excellent! A special thank you goes out to Coca Cola Beverages for sponsoring the delicious desserts.



## iSeries Linux Example



### SQL in HLL Programs

After dinner our speaker was a long-time friend of TUG's: **Alison Butterill**. Alison is an IBM Certified Consulting I/T Specialist working for the IBM Software Development Lab in Toronto. Alison has been active with TUG's Technical Education Conferences (TECs) for many years but this was the first time she had been invited to speak at one of our MoMs. What an oversight on our part! Alison is a frequent speaker at COMMON Conferences around the world, including North America, Europe and Australasia.

Alison is an excellent speaker. You can't help but enjoy hearing her sessions. Her obvious knowledge of her topic and love for the iSeries (that is so near and dear to all our hearts) comes through loud and clear and



*Alison Butterill*

Photos by Vaughn Dragland & Wende Boddy





**Alison Butterill**

our MoM was no exception. Alison spoke on the topic of Embedding SQL into HLL Programs. SQL (Structured Query Language) is a data language for manipulation of a Relational database. It's a powerful "set-at-a-time" processing language and is NOT NOT NOT an end user query product!

Alison showed us many tips and techniques for processing groups of data from our iSeries databases that illus-

trated ordering, joining, selecting, grouping, error detection and handling methods and many handy techniques that could avoid hours of coding in a HLL language. Alison very effectively demonstrated the power of the tool. Alison, we won't wait so long to ask you back!

A special thank you goes out to Astech Solutions. Astech loaned us the projector used in this evening's presentations.

After our meeting, came the door prizes. There was a packed house on hand for the draws. The winners of backpacks donated by COMMON were Sameh Nasser from Deeb Admin Source Inc, Vincent K.M.Liu from DDS Canada Ltd, Marsha E. Petch from E.D. Smith & Sons, Ltd. and Irene Wong from CMS Manufacturing.

The winner of the Zenith DVD Player was Steve Tang from National Bank Finance. Our grand prize for the evening



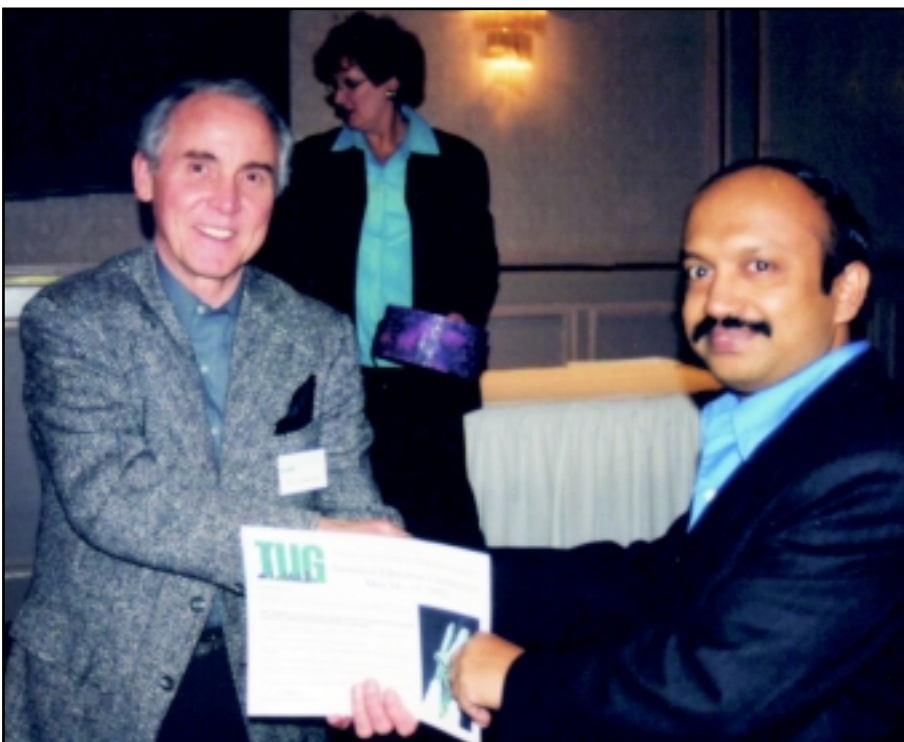
**Steve Tang walks away with CD player**

was a free registration to our upcoming TEC conference and that prize went to Shahid Jamil of Cancom Tracking.



Congratulations to **Dave Boutcher**

all who participated! See you at the next MoM on Wednesday, May 22<sup>nd</sup>. Remember to register for this one. It will be held at the new IBM Development Lab facility and attendance is limited to 2 people per paid member company. We are expecting a full house so remember to register early to avoid disappointment. See you there! T G



**Ron Anderson presenting grand door prize to Shahid Jamil**

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