

# – TUG MoM Review –

## The May 2005 Meeting of Members

By Stephen Bingham

The TUG MoM season finale was held on May 17<sup>th</sup> at the Woodbine Racetrack featuring a triple crown of our own TUG style. The evening started with a plot twist as the schedule of our speakers was reversed. Our President **Léo Lefebvre** introduced the first speaker of the evening **Adeline Chun** of IBM who brought us the latest news on HATS.

### Host Access Transformation Services (HATS) Version 6

The session started with a review of modernization styles for your applications: Improve; Transform / Adapt and Innovate. Adeline provided an example of each style, detailing a problem, a brief description of what the customer is looking for and finally a solution.

What is Host Access Transformation Services (HATS)?

HATS is a rules-based Web-to-host transformation engine that can provide customized access to one or more host applications. It will allow you to dynamically create a new WEB HTML interface while significantly improving the navigation and productivity of your legacy applications.

Some of the optional features include the creation of Web Services, Java Beans and EJB's to expose host business logic to J2EE and Services Oriented Architectures.

### Rules-based Web to Host Transformation Engine

HATS default rules will allow you to have your host applications up and active on the WEB in a matter of hours after loading the HATS software. The following are NOT required:

- Programming skills
- The need to customize every screen.
- The need to access or modify source code.

### Customized Access to One or More Host Applications

- Merge data from various sources into a single WEB interface.
- Support for transformation and data objects from 3270 and 5250 hosts is included.
- The tools to further customize your interface are also available.



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### Dynamic Creation of a New WEB HTML Interface

- The only software needed on the client is a standard WEB browser. There is no need to purchase or download any software for the client.
- Changes made to the host application are dynamically reflected on the client.

Adeline provided a comparison of the traditional AS/400 main menu in green screen and then the version as seen through HATS. What is the difference? The GUI interface now shows the function keys at the bottom of the



Adeline Chun presenting at TUG Meeting of Members, Woodbine - May 18, 2005

Photos by Léo Lefebvre



*Adeline Chun*

screen as “push buttons”, each menu option can be selected via the mouse and our company logo is placed at the top of the screen.

HATS studio is a plug-in to the WebSphere Studio – specifically the Application and Portal Servers. Adeline showed us that on Day 1, we can transform our green screen applications into a WEB based HTML interface. With use of customization tools, Adeline demonstrated an example of a Customer Account Overview on a single Web page that had been combined from what were once 14 individual green screens.

Adeline briefly dis-cussed the interface of HATS into the portal and application servers before playing a segment of a demo CD of HATS providing an end to end view of the product.

For a copy of this demo, please send your e-mail directly to Adeline Chun, at [adelinec@ca.ibm.com](mailto:adelinec@ca.ibm.com).

### **The Break**

At the break, everyone was invited to enjoy the excellent buffet offered at the Woodbine Racetrack. After dinner our President, Léo Lefebvre spoke to the group, reminding us all of the upcoming Golf Tournament on June 22<sup>nd</sup> and our 20<sup>th</sup> Anniversary Boat Cruise on August 17<sup>th</sup>.

Léo also expressed thanks to all those who worked on making the recent TEC conference a success.

Finally Léo had the pleasure of introducing the recently elected board members for 2005. The departure of **Eveline Gaede**, left one spot open which was filled by **Aziz Saleh** of CGI Group. Welcome aboard!



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## **WebSphere Application Server Version 6**

Our second speaker of the evening was our own IBM Liaison, **Steve Quan** with “What’s new for WebSphere Application Server for i5/OS in 2005”.

Version 6 of WebSphere Application Server (WAS) was released on February 8, 2005 in 3 different flavours. WAS-Express, WAS and WAS-Network Deployment.

### **1.) WAS Express**

WAS Express can now utilize EJB’s. The product now includes a copy of the IBM Telephone directory program V5.1.2 as well as a single license for both the IBM WebSphere Development Studio Client for iSeries V5.1.2 and Rational Web Developer V6.

### **2.) WAS**

The new Websphere Application Server now supports multiple instances of HTTP Servers.

### **3.) WAS-Network Deployment**

WAS-Network now provides advanced networking features.

### **What do you need to run WAS V6?**

- 300 CPW for simple applications using Java Server Pages and Java Servlets or 450 CPW for simple applications using Enterprise Java Beans.
- Minimum of 1200MB of free disk space for installation.
- Minimum of 768 MB of physical memory, although 1 GB is recommended.
- 2MB of Level 2 Cache.
- I5/OS or OS/400 V5R2.




Performance was the hot topic of this session. IBM has provided improvements in the areas of Basic performance and Scalability, Messaging, and Web Services.

Although the performance numbers for the iSeries family are not publicly available at the time of the presentation, Steve walked us through the comparison stats for other platforms using WAS 5.1 vs WAS 6.0. In this case the cross platform comparison of Trade EJB Throughput was increased on all systems with WAS 6.0.

Comparison statistics for WAS 5.1 vs. WAS 6.0 were available on the i5: performance was increased in the following areas, Trade EJB Horizontal Scaling, Dynamic Caching, Client Ramp Up with Primitives and HTTP Session Replication. To get a copy of Steve's presentation, please visit the TUG website at [www.tug.ca](http://www.tug.ca).

#### Obtaining a copy of WAS V6:

If you ordered V5R3 after February 18<sup>th</sup>, then you will have received IBM Web Enablement for i5/OS (5722-WE2). This includes both WAS Express V6.0 and V5.1. If you placed your order for V5R3 prior to February 18<sup>th</sup>, then this product can be ordered free of charge by ordering product: IBM Web Enablement for i5/OS (5722-WE2).

Thanks for another great year. See you on August 17<sup>th</sup> as we celebrate TUG's 20<sup>th</sup> Anniversary. 

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Photos by Léo Lefebvre

