THE OMNI USER

April Arrives!

Cinderellas don't always win. In fact, they usually don't, and that's the thing we should take from this year's NCAA finals: there's not much good about being the underdog. If you think of yourself as a Cinderella you might not even make it to the ball. So it's about time we in the System i community (especially the programmers) stop thinking of ourselves as second class citizens and stand up to pushbutton coders who can't write a program that doesn't have a buffer overrun exploit. RPG is the best business language (COBOL is pretty good too), DB2/400 is the best database, and the System i is the best platform!

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Edited by Joe Pluta - omni-comm@plutabrothers.com

But at the same time, we can't rely on just our good old green screens anymore. We'll need to be less insular, more accessible to all manners of outside entities, from Web Services to desktop applications. But we have everything we need to do just that. Most importantly, we have the business knowledge. As a group, System i programmers typically know more about business than many other groups of programmers. After all, many of us come from business positions, taking up the keyboard after a career in the "real world." And on top of that, we have the tools. Over the last decade, IBM has diligently turned our little back-room server into the premiere integration platform in the industry and given us the ability to assimilate just about any technology out there.

As just one example, in this very issue our President has written an article on PHP. And we're going to have some incredible news in the coming months as we begin to turn OMNI into the flagship of all the technology we need in the future. We'll be showing you real working examples of IBM's web design tool, and of programming using WebSphere ranging from simple servlets and JavaServer Pages to Web Services. We'll have examples of service programs and stored procedures.

There's no doubt this will be a tough battle. But we can do it. We shall fight in the browser, and we shall fight on the desktop. We shall fight in the Web Services and the stored procedures, and we shall never surrender! *(Apologies to Churchill.)*

President's Letter

- Mike Pavlak, OMNI Board President

April showers bring May flowers! And if today's weather is any indication, my wife will be pleased with her garden this year. Spring is all about getting out, getting together and sharing. In a word, collaboration! Sue Grabinski will be with us this month to show us the latest that IBM has to offer in the world of collaboration. Her years of experience and extensive System i knowledge makes this must see for Omni members. Please come out and join us at our temporary venue: "The Great Escape" in Schiller Park. Details can be found later in the newsletter.

I have just gotten back from a very exciting COMMON. Not only were there plenty of good educational sessions focused around the burgeoning world of Web Services and SOA, but there were plenty of new announcements. One of those announcements I am particularly pleased to share is the inclusion and support of PHP on System i! This enhancement is one of the first requirements delivered to IBM from the COMMON Americas Advisory Council (CAAC). Having been a charter member of the CAAC I got a bird's eye perspective of what it takes to get something new into the worlds most beloved midrange system. Later on in this newsletter I have a write up on PHP that discusses some of the details.

Also delivered just in time for COMMON was a major announcement of a partnership with 3COM, the world's leading PBX and Voice over IP (VOIP) phone system in the mid-market space. Wouldn't it be cool to run your PBX on your System i? With VOIP and Computer Telephony Integration? All on one box? Well, it is here now and this is the first major new space for our beloved midrange machine for many years!
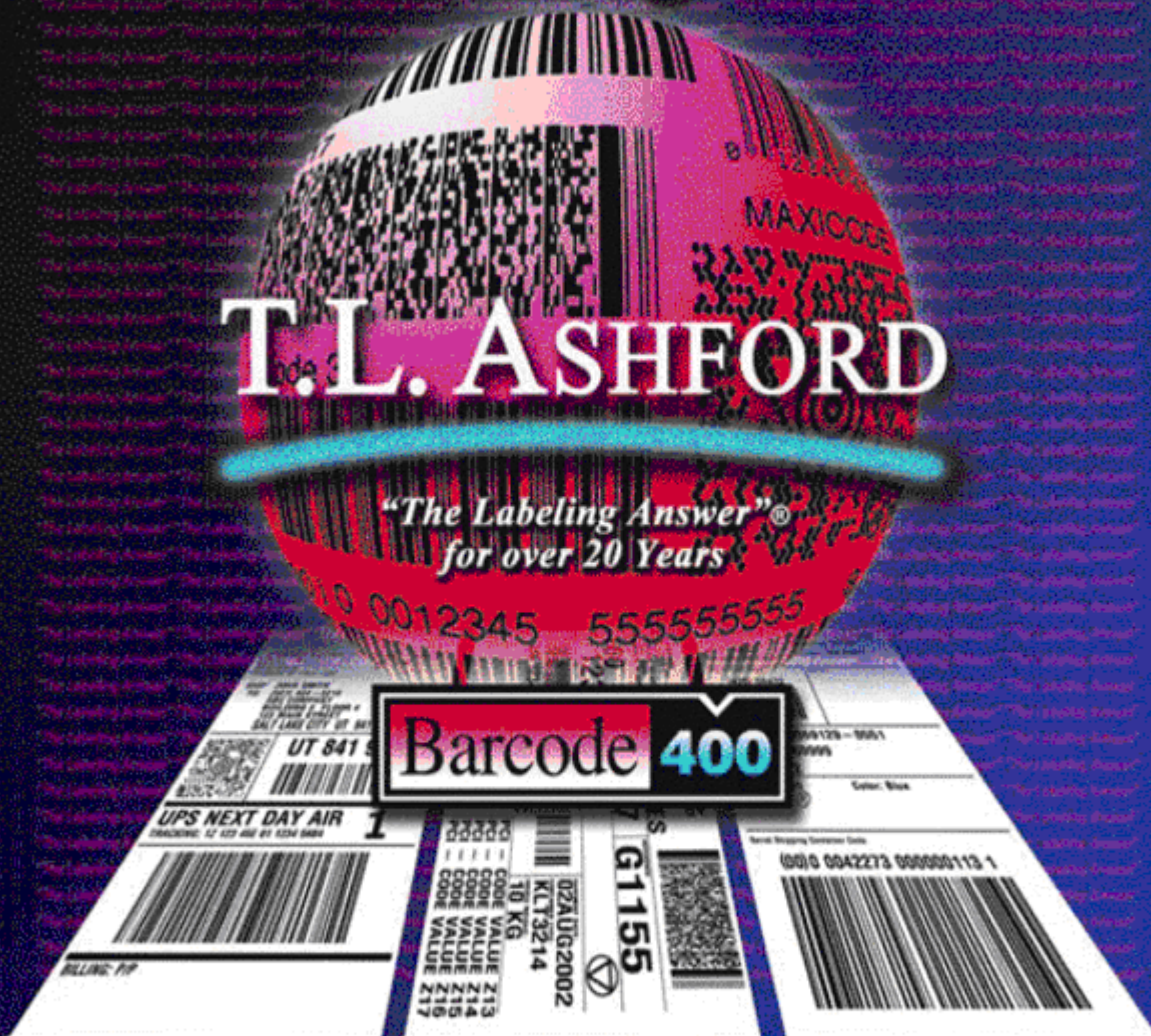
In last month's newsletter I mentioned the new VP of System i marketing, Elaine Lennox. I had the pleasure of meeting her at the Opening Session, Town Hall and CUDS (COMMON User Discussion Social). You COMMON veterans may have another explanation of the acronym, but I digress. Elaine is easily the *most* energetic member of the System i management team that I have seen in years. Her spark is contagious and well needed. In fact, when the position came open she was the first person in Mark Shearer's office practically begging for the job. In spite of the challenges that face the System i, Elaine is committed to making this a *huge* success. She demonstrated to most of us that she understands the System i market and the value proposition. Good luck Elaine!

Now a *very* special shout out to a past (2004) president of OMNI Paul Nelson, who celebrated 25 years as a volunteer with COMMON. Paul has traveled all over the country and assisted with local user groups as well as COMMON. Paul has seen COMMON through many ups and downs. From the hey-day of the big 5,000 attendee conference to post 9/11, he has been there as a volunteer and adviser to the many faces that have passed the halls of COMMON. In COMMON years, 25 years equates to over 50 COMMON conferences. This is no small feat, but Paul would eagerly argue that each COMMON conference has benefited him in both technical ability and ideas he got and shared through networking with other COMMON attendees. Paul can still be found hanging around the Omni meetings and at February's conference he helped coordinate the activities of Midwest Conference Service. Thank you for all your help Paul and Good Luck with the next 25 years!

http://www.tlashford.com/

OMNI – Right On Course
(for a great time)

I'm talking about the golf course, of course. We are lining up our annual golf outing, and once again it will be held at Tamarack Golf Club in Naperville, Illinois. The date is Tuesday, July 18th, with tee times starting at 8:30 AM. We will have several contests including closest to the pin (or some variant thereof) on each of the par 3 holes and one, possibly 2 longest drive contests. There will also be individual and team prizes. After the event there will be time to congregate around the old 19th hole followed by a chicken and brats food feast. We are anticipating great participation from our local vendors who have been so generous in their support of this event in the past.

So make your plans for this wonderful day. Call it a day of education, a day of discussion with your closest systems professionals, or just take a vacation day. What ever you call it, you will have a great time. Watch the OMNI website for registration details.

HOLE	MEN'S	WOMEN'S	1	2	3	4	5	6	7	8	9	OUT		10	11	12	13	14	15	16	17	18	IN	TOT	MEN'S	WOMEN'S
HDCP RECOMMENDATIONS																									RATING/SLOPE	
CHAMPIONSHIP	0-5	0	389	471	173	423	566	185	430	393	435	3465		565	204	613	429	197	388	456	196	388	3436	6901	73.7/136	79.8/141
BACK	6-14	1-3	350	443	129	377	541	180	386	364	396	3166		520	189	572	388	167	361	427	173	368	3165	6331	70.8/130	76.5/134
MIDDLE	15-24	4-10	328	427	115	359	533	163	368	346	377	3016		501	165	558	371	153	342	408	161	348	3007	6023	69.3/127	74.8/130
HANDICAP			7	3	17	9	1	13	15	11	5			6	16	2	10	18	8	4	14	12				
PAR			4	4	3	4	5	3	4	4	4	35		5	3	5	4	3	4	4	3	4	35	70	HCP	NET
FORWARD	25+	11+	278	361	82	289	447	125	321	291	323	2517		421	140	461	309	121	286	342	127	292	2499	5016	64.5/115	69.2/119
HANDICAP			7	3	17	9	1	13	15	11	5			6	16	2	10	18	8	4	14	12				
Scorer:													Attest:											Date:		

GOLF

SCORECARD . INSTRUCTION . RATES

Hole #11
Par 3
189 yards

Who hits driver on a par three? You might be pulling one out of the bag if the wind is blowing out of the east. The 11th hole is a long, tough par three that can measure as long as 225 yards from the tips without the wind factor. The tee shot is all carry, over a lake and sand trap, to a long narrow green protected by water on the left and back parts of the green. Par is a tremendous score on one of the toughest par three's in the Chicagoland area.

COURSE TOUR

April Dinner Meeting
Tuesday, April 18th, 2005

The Great Escape Restaurant
9540 Irving Park Road
Schiller Park, IL 60176
http://www.greatchicagoribs.com/

5:00 Registration and User Discussions
6:00 Dinner and Break
6:45 Business Meeting & Presentation

On Demand Business Collaboration with Portals

Successful On Demand businesses are placing portals as a priority as they can play a significant role in helping companies grow revenues and market share, maximize the value of operations, and leverage diverse business processes and systems to achieve competitive advantage. This session will introduce you to how the IBM Portal framework and strategy can help you align your IT resources with your business objectives to effectively integrate your people, processes and information.

Sue Grabinski

Sue Grabinski is a Senior iSeries Specialist for IBM, currently covering Portal, Web and Collaboration on System i in the central region. Prior to this position, she covered large customers in the Chicago area, and has been with IBM supporting AS/400 and iSeries for 16 years. She has been a Sales Specialist for 13 years and was a Systems Engineer prior to that. From 1998 to 2000, she had the role of e-Business on AS/400 Specialist covering the central region and focusing on technologies such as Domino and WebSphere. Prior to IBM, she worked in the IT field as a programmer, senior analyst, manager of programmers and operations for businesses with AS/400s, S/38s and S/36s in the industrial and healthcare industries.

Dinner Menu Options

Dinner at the Great Escape will be served family style and will include soup of the day, garden salad, sliced Italian bread/butter, mixed vegetables, mashed potatoes and gravy. Main entrees are mostaccioli marinara as well as roast sirloin of beef and broasted chicken for the meat eaters. Dessert will be spumoni. Coffee service included.

April Dinner Meeting Registration

Please make your reservations by Thursday, April 13th, 2006 at Noon. Call (630) 953-6312, and leave your company name, names of those attending, and the type of meal desired (meat or vegetarian.)

Cancellation Policy

Full refund will be issued for cancellations made before 9:00 am April 14th. After 9:00 am Friday, 04/14/2006, cancellation refund depends on meeting attendance. All cancellations must be made as described below.

Dinner Meeting Cancellation

It is VERY important to cancel your reservation(s) if you cannot attend, by calling (630) 953-6312 and leaving the name(s) of those unable to attend, or by using the web cancellation feature.

The 5th Wave   By Rich Tennant

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"Oh, sure — it's probably a disturbance on the line. You vendors always use that as an excuse."

http://www.lansa.com/

May Meeting

OMNI strives to bring you the very best names in education. We're doing a great job so far, and May is no exception: One of IBM's most popular speakers, Carole Miner, will be here to bring us the very latest information on iSeries Access for the Web, something that I know many of you are just dying to find out about. For those of you who haven't heard about IAW, it's no less than the GUI access to the System i that we've been clamoring for forever. IAW gives you access to pretty much all of your basic System i operations functions through a powerful browser interface. Even if you're not a regular dinner meeting attendee, try to make this meeting; you'll be glad you did!

LUGs O'Plenty

This new section is devoted to upcoming LUG seminars, conferences and what have you. This includes things like golf outings and sponsored events. To get your LUG event on this list, contact me (Joe Pluta): Omni-comm@plutabrothers.com.

April 24-26	Northeast IBM User Groups Technical Conference	http://www.neugc.org/
May 10	STATUS Day with Joe Pluta A seminar on WDSC	http://www.statususer.org/
June 9	Michigan iSeries Technical Education Conference	http://www.gomitec.com/

Upcoming Midrange Events

May 8 - 12	IBM iSeries (spring) Technical Conference Online Registration	Fontainebleau Hilton Lake Buena Vista, FL
May 15 - 17	RPG World Spring 2006 Conference "The RPG Programmers Education Event" Online Registration	Orleans Hotel Las Vegas, NV
June 18 - 21	2006 iSeries & AS/400 Connection Conference "V5R4 is Here" Online Registration	Naples Grand Resort Naples, FL

PHP on i5? A match made in Heaven!
- Mike Pavlak, OMNI President

I have been lobbying IBM for over two years now that there needs to be an alternative to the Websphere Java world and a follow on to Net.Data for browser based development. Well, my prayers have been answered by some shining knights from Rochester and Zend in the form of PHP. Truly the biggest, and IMHO the best, solution to hit the System i in many years is official IBM support for PHP natively on i5. This is the first new language to be supported natively in 10 years, and will finally gives folks in the System i shops world wide a practical alternative to complement Websphere.

PHP is the wildly popular open source scripting language developed several years ago by Rasmus Lerdorf under the original name "Personal Home Page" (PHP/FI) to track hits to his online resume. Later, in 1997, Andi Gutmans and Zeev Suraski took the open source PHP/FI and re-wrote it as PHP 3 to satisfy more eCommerce workloads. PHP 5 was released last September with a *lot* of new features to support and improve object-oriented development. Like any open source project, PHP is developed in community. The community will continue to develop PHP as long as there is interest, and *boy*, is there interest out there! The acronym now is accepted to mean PHP Hypertext Pre-Processor which indicates that PHP is a language you embed inside a web page to access database content. But there's more! Not only can PHP deliver database content, it also supports both the Object Oriented model (like Java) as well as the procedural model (like traditional RPG). This is a huge win for i5 shops coping with getting their applications into a browser interface and struggling to get over the OO curve while maintaining productivity and staffing budgets. Yes, you can have your cake and eat it, too: OO for the bit twiddlers and procedural for folks who just want to get something done.

Some say that PHP doesn't scale, a statement with which I flatly disagree. With older versions of the language, that might have been true, but I do not think it is as much of an issue today, as companies like Luftansa, Sprint, and over 21 million other domains worldwide are serving millions of pages daily. If there *were* issues with scalability then the i5 would be the perfect answer. By marrying the most popular scripting language to the most scalable computer in the history of commercial business processing we truly do have a match made in Heaven! The i5 will run applications from 2 to 2 million users without forcing the development staff to re-write or optimize the code. The operating system does that for you, and has for years. Its track record of scaling applications written in RPG and COBOL, as well as Java, are well known. There's nothing like it in the commercial sector.

PHP has a lot to offer the i5, that much is true. By bringing a new language to the machine, IBM is reinforcing their commitment to the platform. There are lots of applications currently written in PHP that can be ported to the i5, and there are lots of folks developing PHP out there that can join the i5 contingent with minimal training. Lastly, a learning curve that is so low that even I could get over it in a couple of weeks.

But the i5 has equally as much to offer PHP. Things like native integration of the DB2 database, and the most securable platform in the commercial world! With scalability, security, reliability and availability, there is no limit to what i5 developers will be able to deploy on the web for commercial business processing. Not to mention a fleet of loyal developers that are dying to embrace a technology that allows the developer to concentrate more on programming for the business and less on the theoretical model of business programming!

As far as popularity, PHP is one of the most widely used language on the web. Please don't take my word for it, however. On the PHP website there is a chart populated from data from the fine folks at Netcraft that discusses what the masses are using to develop web sites. (If you have never been to the Netcraft site I would strongly recommend a visit.) The chart indicating PHP usage can be found here: http://www.php.net/usage.php . Additionally, PHP is by far the most popular Apache module. That chart can be found on the Security Space website at: http://www.securityspace.com/s_survey/data/man.200602/apachemods.html

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Common Corner
Reprinted from the February 2006 issue of COMMON.CONNECT

The Surprise Fire Drill
By Richard Dolewski

Most of us are familiar with the concept of testing our disaster recovery plans. We know all about the walk-through and simulations, and even the dreaded full-blown "just like the real thing" tests. Then there's finding a convenient time when all the key players will be available. Of course, we can't take the chance on having one of these folks unavailable. We rely on them heavily. Without them we can't possibly succeed. We need to look good to senior management, who can then look good when they report the results to their management. After all, my bonus is on the line! Lastly, we need to let those auditors know that we've had a successful test, so the right box can be checked off for another year.

This philosophy seems to have passed the test of time. All the participants know what to do; after all, we've done it over and over again. We are all busy with our regular jobs, and a disaster isn't really going to happen to us anyway. We're good at our jobs. We have brains and credit cards (maxed out !)

Enter the term "exercise." This is a stress test to see what will break. After all, don't we really want to find the flaws in our plan? (You are pretty much guaranteed that there will be some).

The emergency evacuation drill is something familiar to everyone. It has been embedded in our minds since grade school, when we followed the teacher outside and lined up on the playground. In the adult world, most organizations conduct at least one emergency evacuation drill every year. I decided to use a *surprise* fire drill as the start for a disaster recovery test. In order to pull this off, we got approval in advance from the CIO. He wanted see if the IT staff were ready in a disaster. We had staged many tests in the past, but big question was could they respond in a true disaster--without warning?

The emergency evacuation drill offers a unique opportunity. When everyone came out of the building in an somewhat orderly fashion, we had a mini bus waiting in the parking lot. The IT folks quickly noticed the bus and joked that it was to become the party bus or a free ride to the golf course. When the CIO announced that we are declaring a disaster the party, talk quickly turned to nervous anticipation. By testing the IT staff, the reaction to the event was all about capturing their knowledge of what to do next. In mature organizations, an evacuation drill is a real-time way to judge the assessment, activation, and execution of the plan.

As the bus left for the hot-site facility, I informed everyone of the details surrounding this surprise drill. The scope of this drill was to be an IT event only and we were recovering several critical servers and switching only part of the network. The rest of the business needed to function normally. We were now off to our hot-site, so I passed the management duties over to the team leaders. The first two questions raised were "Where is the disaster recovery (DR) plan?" and " What about our backups?" One of the team leaders quickly replied, "It's all stored off-site. I'll give them a call from my cell phone. I have the number programmed in." We were off to a good start….

The new measure of success when exercising should no longer be that everything went as planned. If you're not finding something in your plan that can be improved, then you're not exercising strenuously enough. There had been many tests and everyone believed the plan was complete. Several lessons were learned from this surprise fire drill test that we could never simulate. Everyone now understands the true level of commitment needed to maintain the DR plan and to ensure the recoverability of the data center.

Even if all the technology and networks were recovered, what about the rest of the functions in the company? How does our DR plan work in conjunction with the corporate Business Continuity Plan?
Well, until the next fire alarm, stay tuned and be prepared.

About the Author
Richard Dolewski is a certified systems integration specialist and disaster recovery planner. As vice president for technical and contingency services provided by Mid-Range, he has extensive experience in

disaster recovery planning, backup & recovery program design, and high availability. Richard has implemented a variety of business continuity solutions for customers in Canada, the U.S. and Mexico. He has supported 14 computer room disasters, and conducted over 150 disaster recovery tests. Contact Richard at rdolewski@midrange.ca

Apple Corp unleashes its secret weapon.

IBM Redbooks/Redpapers

A monthly compendium of recent IBM Redbooks and Redpapers of interest to System i developers.

WebSphere Portal Best Practices
Revised: March, 22, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/redp4100.html

Express Runtime V2.1.1
Revised: March, 22, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg247193.html

Linux on IBM eServer i5 Implementation Guide
Revised: March 3, 2006   ISBN: 073849187X   408 pages
http://www.redbooks.ibm.com/abstracts/sg246388.html

PCI and PCI-X Placement Rules for IBM System i5, eServer i5, and iSeries servers with i5/OS V5R4 and V5R3
Published: February, 15, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/redp4011.html

IBM System i5, eServer i5, and iSeries Systems Builder, i5/OS Version 5 Release 4
Published: February, 14, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg242155.html

IBM System i5 Handbook IBM i5/OS Version 5 Release 4 January 2006
Revised: February, 4, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg247486.html

WebSphere RFID Handbook: A Solution Guide
Revised: February 4, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg247147.html

IBM Workplace Web Content Management for Portal 5.1 and IBM Workplace Web Content Management 2.5
Revised: January 30, 2006   ISBN: 0738494259   660 pages
http://www.redbooks.ibm.com/abstracts/sg246792.html

IBM eServer i5, iSeries and AS/400e System Builder i5/OS V5R3: (October 2005—Draft)
Revised: January 24, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg242155.html

Patterns: SOA Client - Access Integration Solutions
Revised: January 12, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/sg246775.html

IBM eServer i5 and iSeries System Handbook i5/OS Version 5 Release 3 (October 2005 -- Draft)
Revised: January, 6, 2006
http://www.redbooks.ibm.com/redpieces/abstracts/ga195486.html

Performance Management for IBM eServer iSeries and pSeries: A Systems Management Guide
Published: December 29, 2005   ISBN: 0738493240   258 pages
http://www.redbooks.ibm.com/abstracts/sg247122.html

Build a business process solution using Rational and WebSphere tools
Revised: December, 22, 2005
http://www.redbooks.ibm.com/redpieces/abstracts/sg246636.html

IBM eServer iSeries Windows Server Integration for Small and Medium Businesses: An Application-Serving Network Example using Citrix Access Suite on Integrated xSeries Systems
Published: December, 5, 2005
http://www.redbooks.ibm.com/redpapers/abstracts/redp0710.html

Common Corner
Reprinted from the February 2006 issue of COMMON.CONNECT

WebFacing Deployment Tool with HATS Technology
By David Slater and Davis Marasco

IBM is announcing WebFacing Deployment Tool with HATS Technology, a new modernization offering for the iSeries marketplace that leverages the capabilities of both the IBM WebFacing Tool and Host Access Transformation Services (HATS). These tools for creating and customizing Web-enabled applications are delivered as components of WebSphere Development Studio Client and WebSphere Development Studio Client Advanced Edition V6.0.1. Web-enabled applications that leverage both the HATS and WebFacing technologies require the WebFacing Deployment Tool with HATS Technology for deployment to production.

Why Is IBM Merging WebFacing Tool and HATS?
For the last several years, IBM has offered two strategic Web-enabling solutions for the iSeries market. This created contention in the marketplace, which Doug Fulmer summarized as, "confusion among customers, business partners and the IBM sales teams as to when to buy/sell the two products."

This contention and confusion led to a lack of confidence in both tools and delayed iSeries modernization efforts. Delivering solutions with a modern Web graphical user interface is key to the success of the iSeries eco-system. Forcing customers and business partners to choose between two good tools only inhibits iSeries efforts for application modernization.

The two IBM modernization tools are based on different technologies. The WebFacing Tool creates a Web interface to a 5250 application based on the DDS source code. This Web interface is created in a development time conversion using standard Java components. Alternatively, HATS generates an "on-the-fly" HTML interface to a 5250 application based on the 5250 data stream. Each technology has its strengths:

WebFacing Tool
- Supports complex user interfaces;
- Rapid cost-effective programmable customizations using Web settings;
- Application execution comparable to green screen solutions;
- Cost-effective solutions that compete against native Windows or Web GUI applications; and
- Great penetration in the iSeries marketplace.

HATS
- Converts all 5250 applications at a site/server;
- Does not require access to DDS source code;
- Tools to alter screen flows and integrate separate applications; and
- Click to action for Portal applications.

IBM is now delivering one product to the iSeries marketplace that leverages these strengths and capabilities.

Why Should Users Adopt this Technology?

HATS users will want to use the IBM WebFacing Deployment Tool with HATS Technology for two key reasons:

Solutions created using the version of HATS supported in WebFacing Deployment Tool with HATS technology do not require OLTP capacity, starting with i5/OS V5R4. This means that Web-enabled applications can run on the standard edition of i5/OS, making Web-enabled solutions using HATS technology much more cost-effective.

The new tier-based pricing for WebFacing Deployment Tool with HATS technology makes deployment of Web-enabled applications to WebSphere Application Server running on i5/OS more cost-effective.

WebFacing Tool users will want to take advantage of the out-of-the box integration with 5250 applications and iSeries system screens. For example:

Many iSeries customers have some applications for which they don't have the source code. This new offering allows customers to continue to convert and customize their applications with DDS source using WebFacing Tool and use the on-the-fly Web-enabling capabilities of HATS to handle the rest.

Most iSeries solutions access some iSeries system screens. Now solutions using the WebFacing technology can access system screens without any custom integration effort.

It will be easier for iSeries partners to sell and install their Web-enabled solutions. Customers often have more than one partner's solution on their iSeries server. The new extensions will not only allow new WebFaced applications to integrate with 5250 applications and iSeries system screens in a browser, but will do so without any OLTP requirements starting with i5/OS V5R4.

Migration Considerations

Some existing WebFacing Tool users have already provided integration services to allow their Web-enabled applications to access system screens and integrate with other 5250 solutions. Will these existing users be forced to migrate to the WebFacing Deployment Tool with HATS Technology and pay the run-time deployment charge?

Customers who use the WebFacing Tool in WebSphere Development Studio Client and WebSphere Development Studio Client Advanced Edition V6.0.1, and choose not to take advantage of the WebFacing Tool extensions, will not require WebFacing Deployment Tool with HATS Technology. This version of the WebFacing Tool will be supported until the end of service of i5/OS V5R4.

However, all Web-enabled applications that are created or updated with later releases of the WebFacing Tool or HATS toolkit will require WebFacing Deployment Tool with HATS Technology for deployment to production.

To minimize any hardship for existing WebFacing Tool customers, IBM is working on an introductory promotion to minimize the migration costs to the new combined solution. Watch this site for more information: www-306.ibm.com/software/awdtools/wdt400/.

IBM is delivering a modernization solution that leverages the strengths and capabilities of HATS and WebFacing Tool technologies in one offering. This comprehensive Web-enabling solution addresses the modernization needs of the iSeries market.

Keep your eye on that Web site for more exciting news on our iSeries modernization plans and offerings.

About the Authors
David Slater is the Product Line Manager for iSeries Application Development products, responsible for the WebSphere Development Studio family of products. David has been involved with Midrange market for over 25 years. He has served as the iSeries AD Market manager, the iSeries AD Campaign manager, a technical support representative for AS/400 AD, the ILE RPG development manager, the project office and planning manager for CODE, and the planning manager and performance manager for AS/400 Language and Utilities.

Davis Marasco is a member of the WebSphere Development Studio Client for iSeries development team in Toronto. Leading the User Centred Design (UCD) initiatives for this application development toolset, she is focused on what users need to make their daily work easier, quicker and in the end, more productive. She is always looking to meet new customers and learn more about how she can help make their lives easier! Davis has also worked for IBM UK and US, spoken at COMMON, and has written industry articles in the UK, and Canada. She can be reached at dmarasco@ca.ibm.com.

Bill Gates vs. the Department of Justice