

What is WebSphere?

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Agenda

What are the e-business strategies

WebSphere Product Family Overview

- WebSphere Foundation and Tools
- WebSphere Reach and User Experience Solutions
- WebSphere Business Integration Solutions

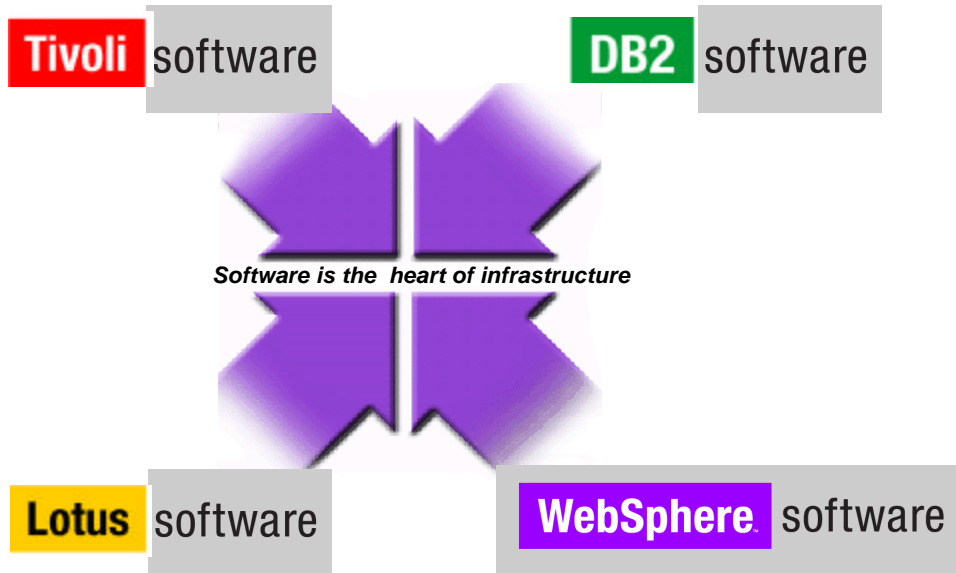
Summary



IBM  servers. For the next generation of e-business.

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IBM Software Group Strategy



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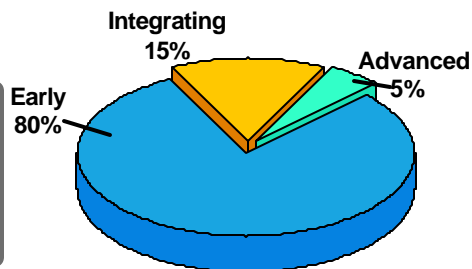
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Where we are now

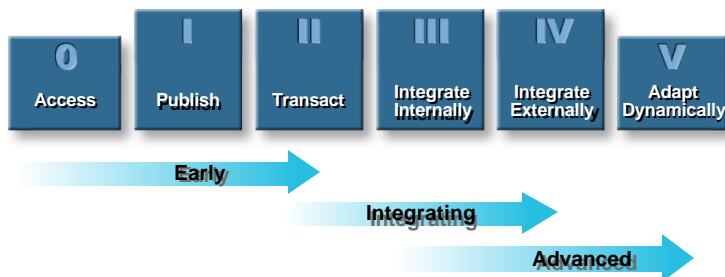
States of e-business Adoption

iSeries Focus:

1. Extend existing applications to the web
2. Buy new e-business solutions from ISV's
3. Build new e-business applications



% of Adoption by States



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WebSphere Addresses the Complete e-business

...to Complete e-business Solutions

Provide any user or device
streamlined access to
customized content



Browser



Wireless



Customers



Employees

Integrate and automate
business processes to
maximize agility



Partners Sys



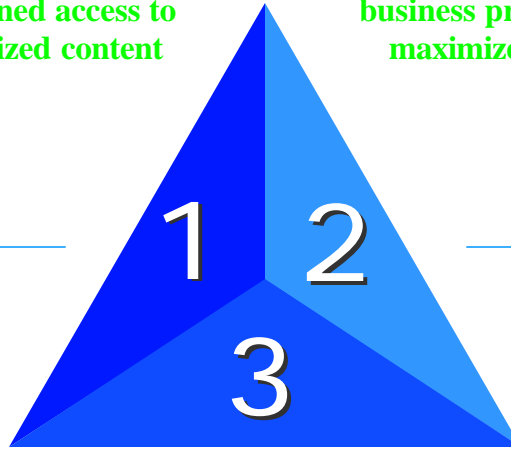
Suppliers Sys



Processes



Information



Build, connect and manage
applications



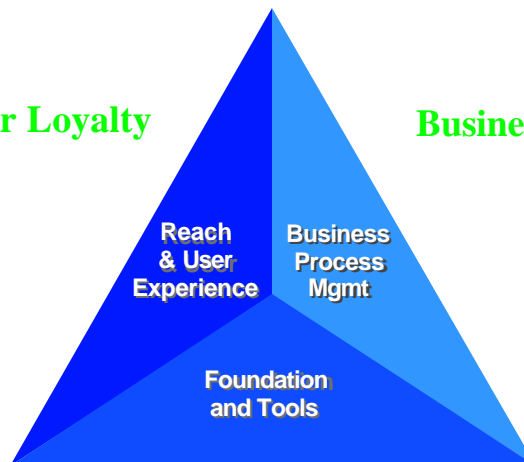
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These three things deliver - Return on Investment

Customer Loyalty

Business Agility



Scalability and Productivity



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WebSphere Product Family Overview

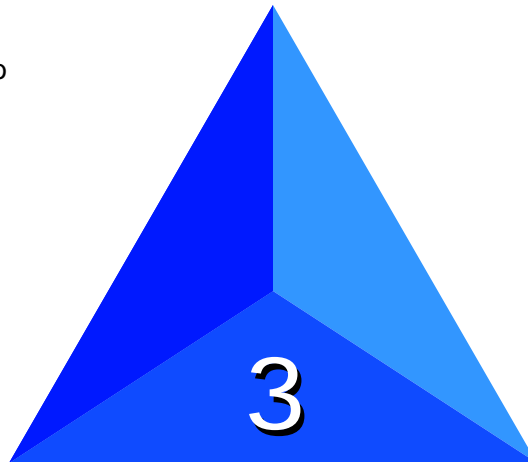
WebSphere Foundation and Tools
WebSphere Reach and User Experience Solutions
WebSphere Business Integration Solutions

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WebSphere Foundation and Tools

- WebSphere Application Server Products
 - WebSphere Application Server Standard Edition v3.5
 - WebSphere Application Server Single Server Edition v4.0
 - WebSphere Application Server Advanced Edition v3.5 and v4.0
- Studio Products
 - WebSphere Studio
 - WebSphere Development Studio
- Host Access Products
 - WebSphere Host on Demand
 - WebSphere Host Publisher



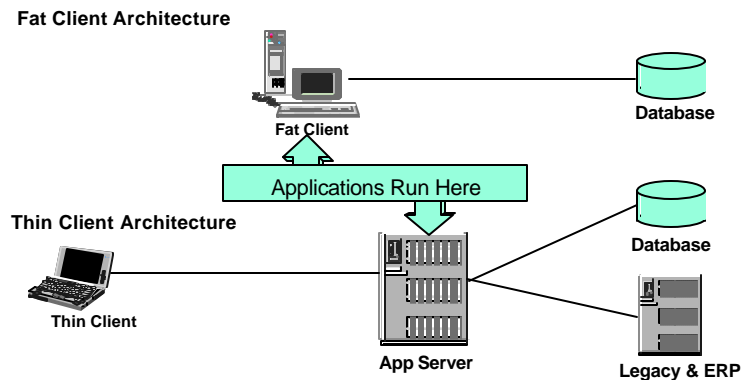
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Introduction To Web Application Servers

Web Application Servers

- The way portable applications will be deployed to the web
- Java server components rely on web application servers
- Servlets, Java Server Pages (JSP's) & Enterprise Java Bean (EJB's)



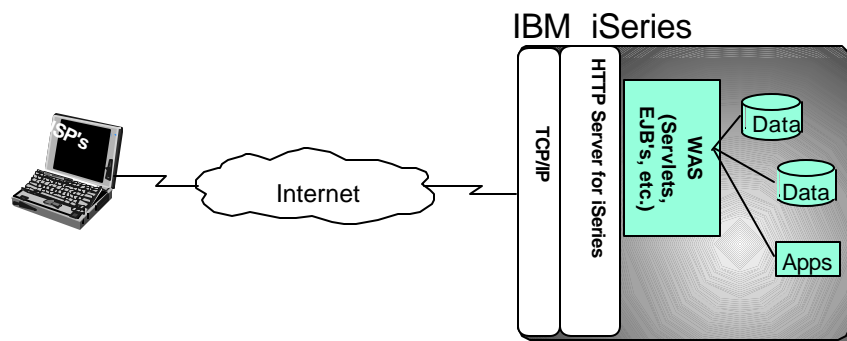
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WebSphere Application Server

<http://www.ibm.com/software/webservers/appserv/>

- The Ultimate Java Runtime Environment
- Advanced Technology: J2EE Certified (JDK 1.3), Web Services, (SOAP, UDDI, WSDL), New single server configuration option, Improved Manageability, Increased Performance
- Strategic!!!



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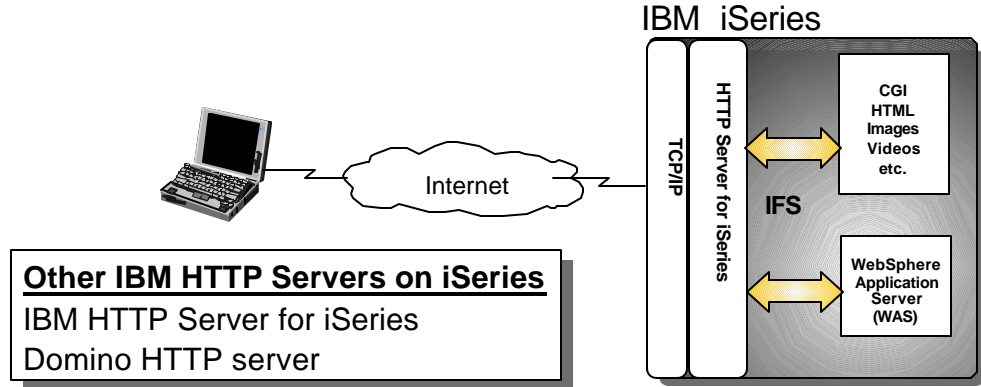
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HTTP Server for iSeries - Powered by Apache

<http://www.ibm.com/servers/eserver/series/software/http/>



- The Basic "Web" Building Block, everything "WebSphere" needs this
- Powered by Apache... The #1 Web Server in the world (lots of Apache skills available)
- Many Over-the-counter tools work with it.



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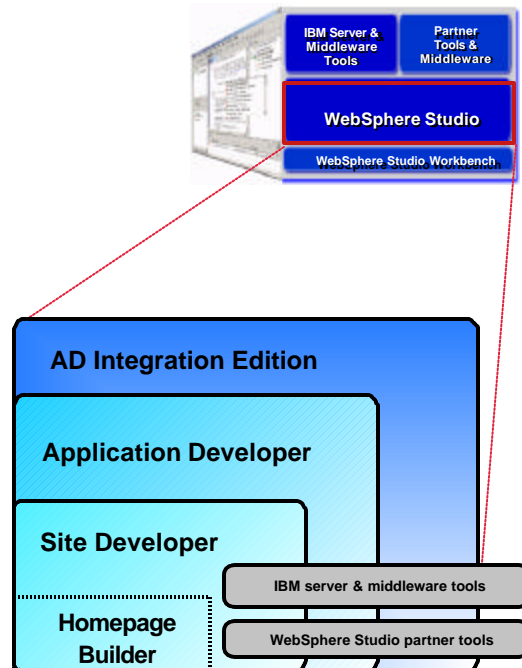
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WebSphere Studio xx

The New WebSphere Studio

Fast, Easy and Powerful

- ★ A single, comprehensive IDE with unprecedented flexibility & extensibility
- ★ Configurations add or subtract "perspectives" to meet the needs of specific developer roles
- ★ Extend and customize with partner, customer & IBM Middleware Plug-ins
- ★ Common development environment across Windows and Linux



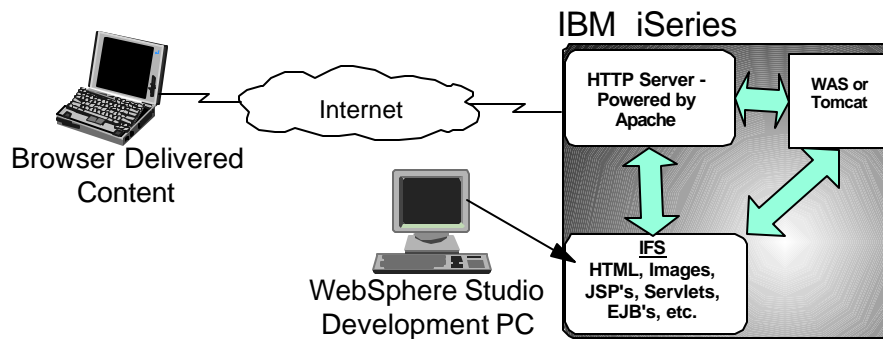
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WebSphere Studio

<http://www.ibm.com/software/webservers/studio/>

- Basic web site and Java development Tools:
 - WebSphere Homepage Builder
 - Hot Media
 - and more...
- New Eclipse IDE based WebSphere Studio Site Developer version available
- Will be included with **WebSphere Development Studio for iSeries**



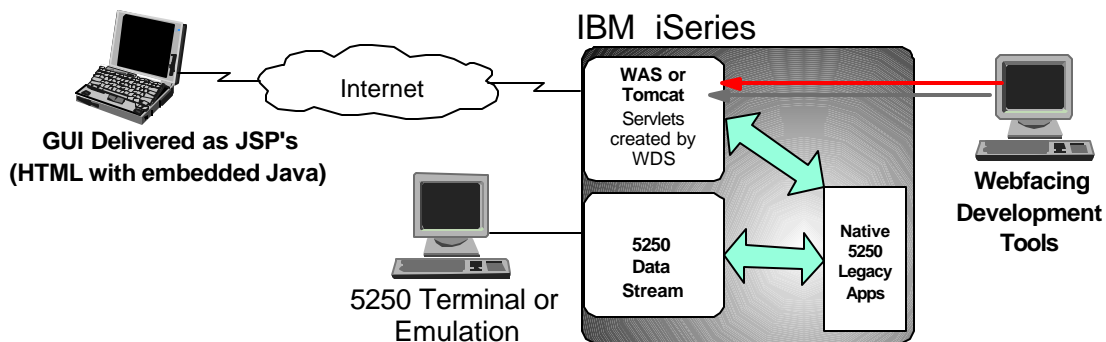
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WebSphere Development Studio for iSeries

<http://www.ibm.com/software/ad/wdt400>

- "No Excuses" Tool Package: Every Tool you need to Develop Mission Critical Web Applications
- Includes: ADTS, All Compilers, CODE/400, WebSphere Studio, VisualAge for RPG & Java, and a **New WebFacing Tool!**
- Next update will integrate Eclipse IDE



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Websphere Development Studio for iSeries - 05/01

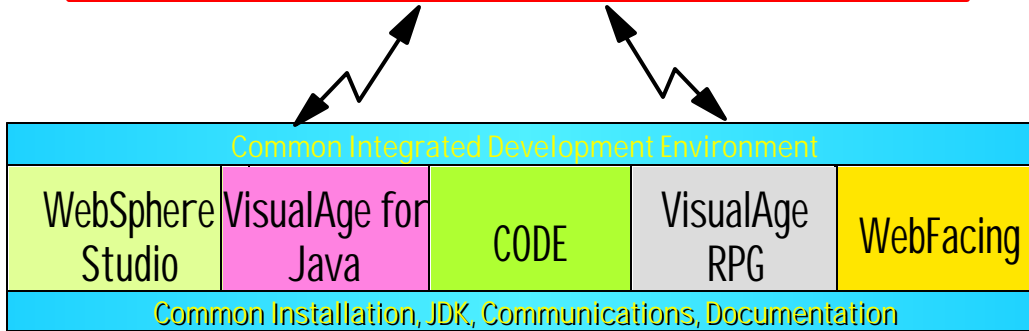
All Tools Together

Client Tools

- WebSphere Studio, Pro
- VisualAge Java, Pro
- CODE
- VisualAge RPG
- WebFacingClient Tools

Server Tools (iSeries)

- ADTS (PDM, SEU, SDA, RLU, DFU, AFP, CGU)
- RPG
- COBOL
- C
- C++



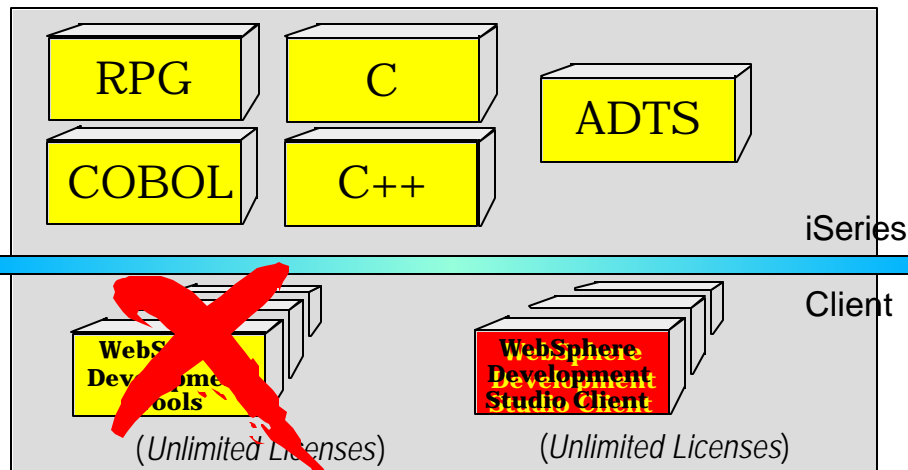
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June 4th, 2002 Announcement

Websphere Development Studio including WebSphere Development Studio Client

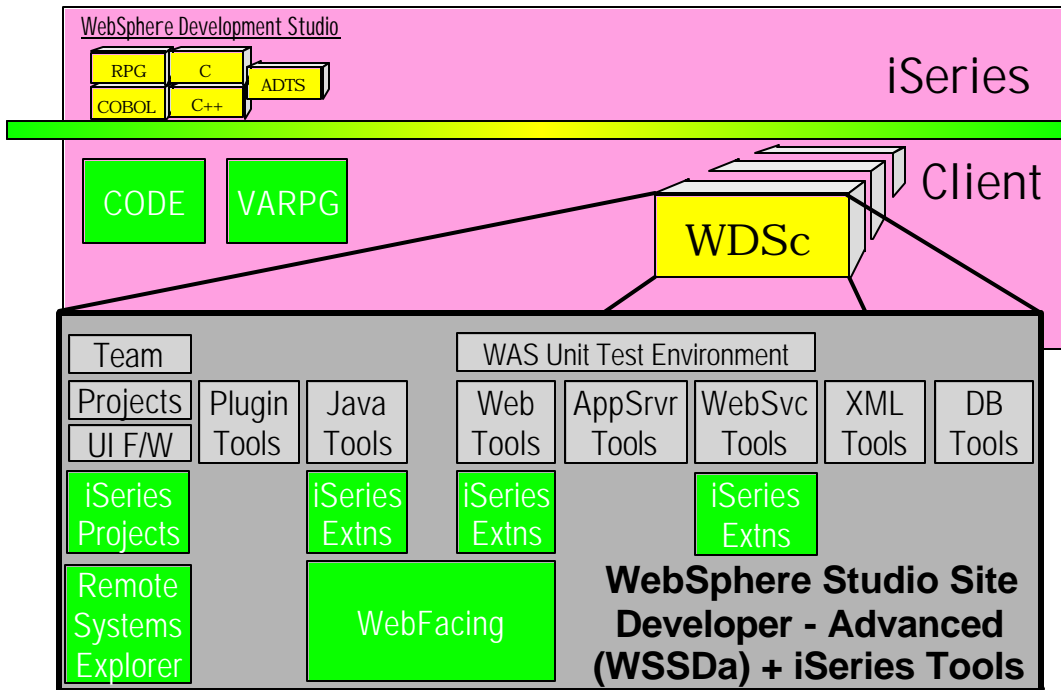
- New version of client tools for iSeries Development
- Based on eclipse technology



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WDS and WDS4.0 - 06/02



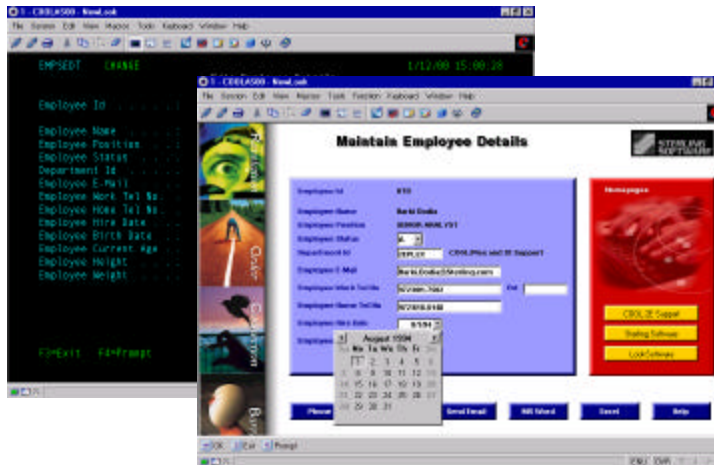
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Host Access Tools

Three WebSphere Products Available!

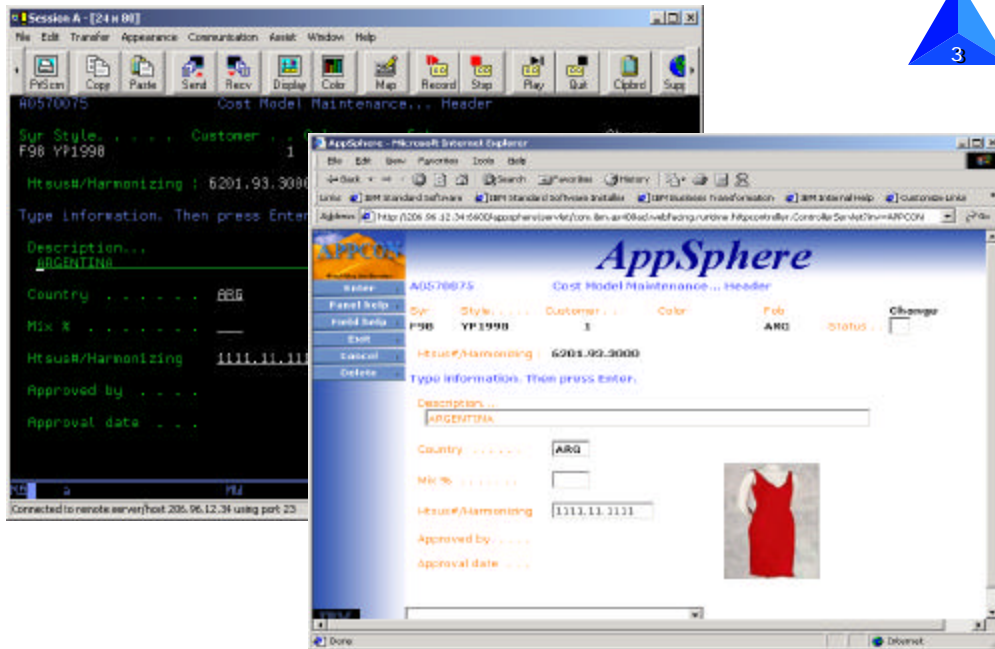
- WebSphere Development Studio (Web Facing)
- WebSphere Host On Demand with Screen Customizer
- WebSphere Host Publisher



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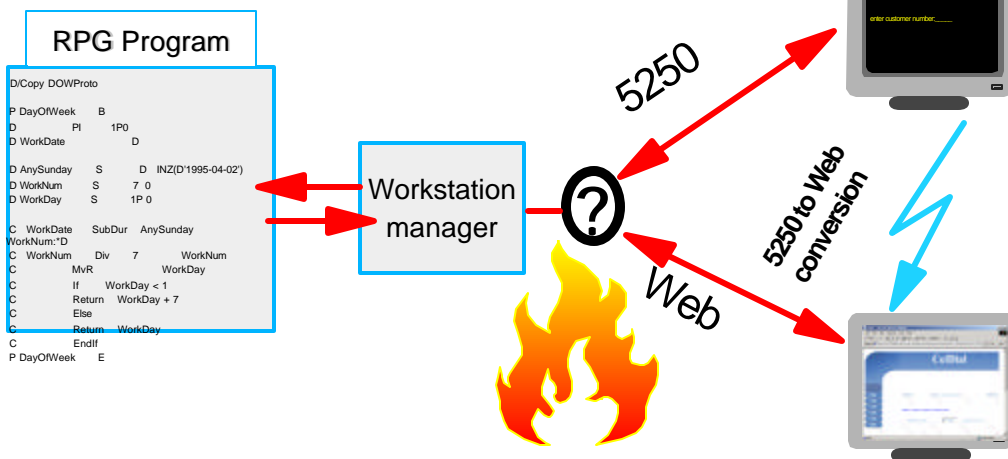
WebFacing Tool



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WebFacing Tool



You can use both the 5250 and web UI !



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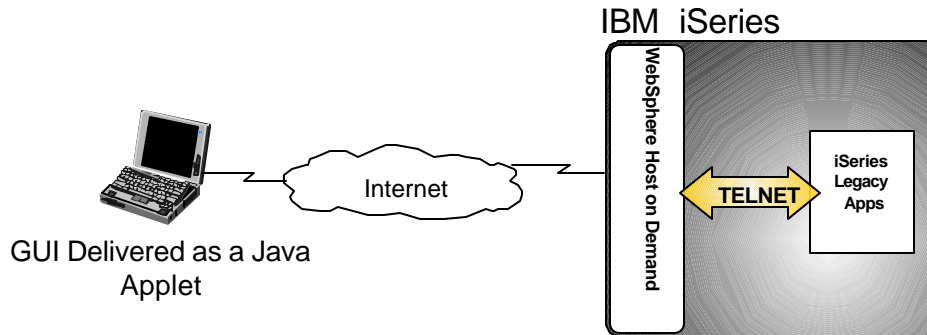
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WebSphere Host on Demand

<http://ibm.com/software/webservers/hostintegration/>



- Basic 5250 Emulation
- Needs WebSphere Screen Customizer for GUI
- Usually sold with WebSphere Screen Customizer in **IBM Host Access Client Package**
- Interactive Job Workload



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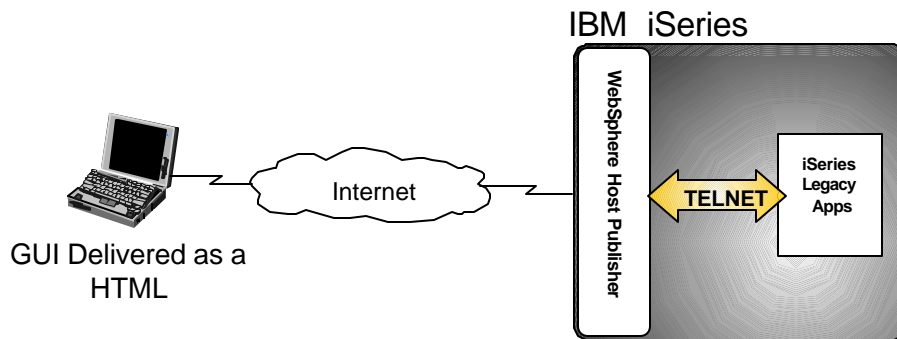
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WebSphere Host Publisher

<http://ibm.com/software/webservers/hostintegration/>



- Usually part of **WebSphere Host Integration Solution**
- Can merge multiple sessions into a single window
- **Included** with New Client Access iSeries Access for Web
- Interactive Workload



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Introducing iSeries Access for Web!

<http://ibm.com/servers/eserver/iseries/clientaccess/web/>

- Provides access to iSeries through a browser
 - Can access database, integrated file system, printers, output queues
 - Can run batch commands and send/receive messages
- It has the following advantages:
 - Is server based, implemented using Java Servlet technology
 - Is lightweight, requiring only a browser on the client, no applets installed on desktop
 - No configuration required at desktop
 - Uses industry standard protocols - HTTP, HTTPS and HTML
- **IBM WebSphere Host Publisher Included!**

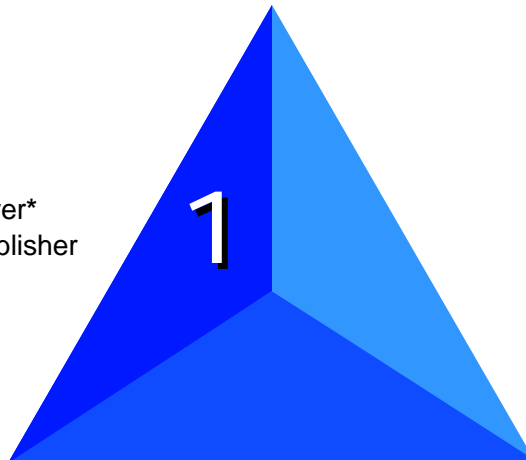


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WebSphere Reach and User Experience

- Commerce Solutions
 - WebSphere Commerce Professional Edition
 - WebSphere Commerce Business Edition
- Portal Solutions
 - WebSphere Portal Server*
 - WebSphere Site Analyzer
 - WebSphere Personalization
- Pervasive Solutions
 - WebSphere Translation Server*
 - WebSphere Transcoding Publisher



* Coming Soon to iSeries

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Commerce Solutions

WebSphere Commerce Professional Edition v5.4

<http://ibm.com/software/websphere/commerce>

- Commerce Accelerator - Campaign, Site, and Auction Management
- Integrated Collaboration Features: Lotus Sametime and Quickplace
- Comes packaged with WebSphere Payment Manager, WebSphere Application Server v4.0 Adv. Edition, WebSphere Catalog Manager

WebSphere Commerce Business Edition v5.4

http://www.ibm.com/software/webervers/commerce/wc_be/

- All the WebSphere Commerce Professional Edition features plus:
 - B2B Functionality: Automated, Customized Business Policy, Contract Pricing, Request For Quote, Requisition Lists...
 - and much more...



Maximizing Value Across Channels



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Portal Solutions

WebSphere Portal Server

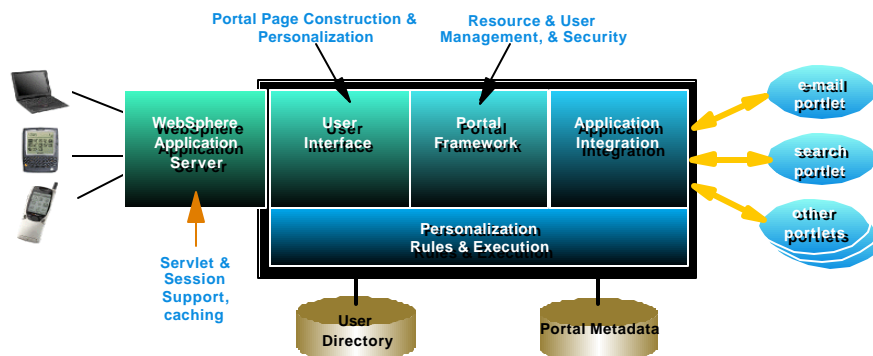
<http://ibm.com/software/webervers/portal/>

- End-User Driven Personalized Web Pages
- Can pull syndicated information from over 50,000 databases
- iSeries Beta Underway... Stay Tuned

WebSphere Personalization

<http://ibm.com/series/software/websphere/wspersonal/>

- Rules Based Engine - Reacts to End Users visit
- Partial function packaged with WebSphere Commerce Suite for iSeries



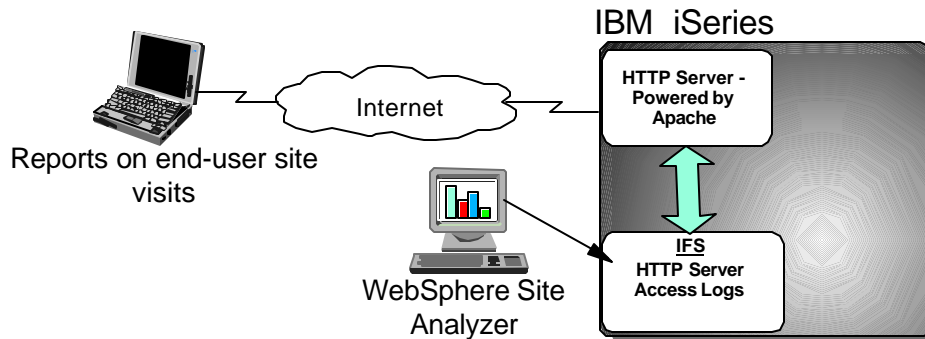
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WebSphere Site Analyzer

<http://www.ibm.com/software/webservers/siteanalyzer/>

- Web-based user interface for administration and reporting
- Site Crawler and Page Inspector for Web content integrity analysis and site structure analysis
- Analyzes visitor traffic, visitor behavior and provides usage statistics



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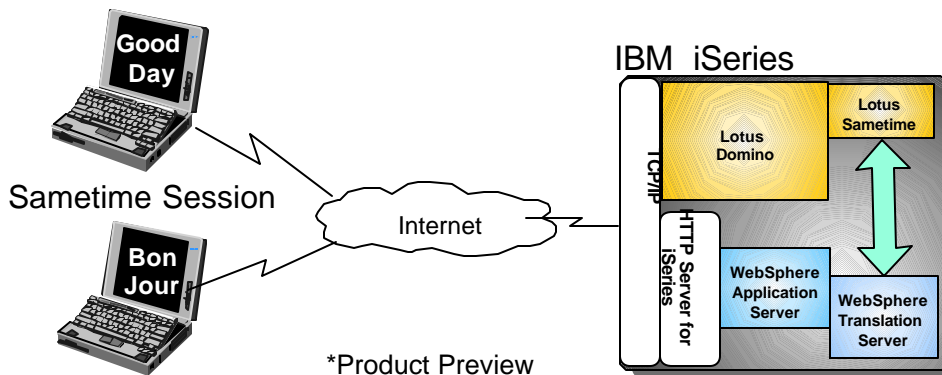
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WebSphere Translation Server*

http://ibm.com/software/speech/enterprise/ep_8.html

- MT engines for translating text from one language into another language (such as English to French)
- Support for WebSphere Application Server and HTTP server
- Integration with Lotus Sametime and Lotus Domino using the Lotus Translation Components available from the Lotus Web site and supported by Lotus



*Product Preview

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WebSphere Transcoding Publisher

<http://ibm.com/websphere/transcoding>

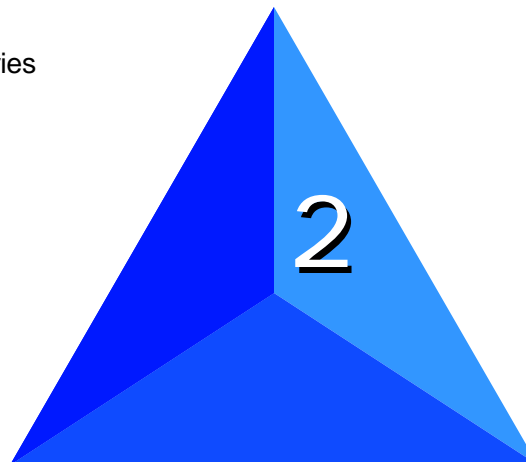
- Extends existing Web content to new wireless devices without re-authoring
- Streamlines delivery to a variety of users across wireless networks
- Customizes content presentation



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WebSphere Business Integration

- Information Connectivity and Integration Products
 - WebSphere MQ
 - IBM Connect for iSeries



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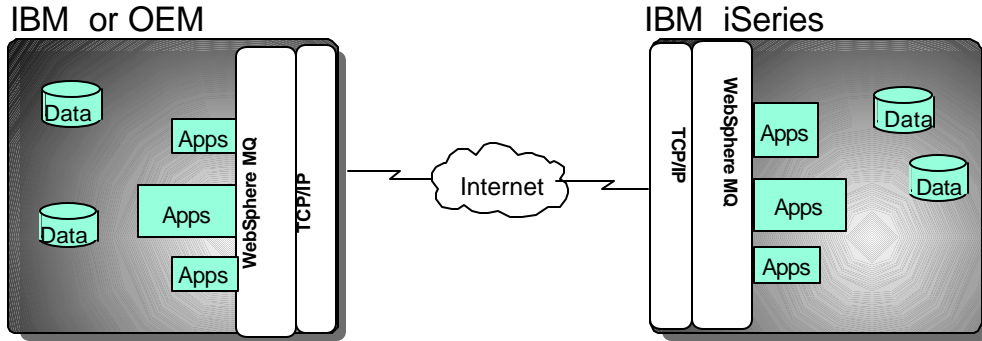
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WebSphere MQ (a.k.a. MQSeries)

<http://www.ibm.com/software/ts/mqseries/messaging/>



- Connects to any commercial system in business today (35 different Platforms)
- Ignore network disruptions - important data is always delivered.
- Requires programming skills to leverage the rich set of API's



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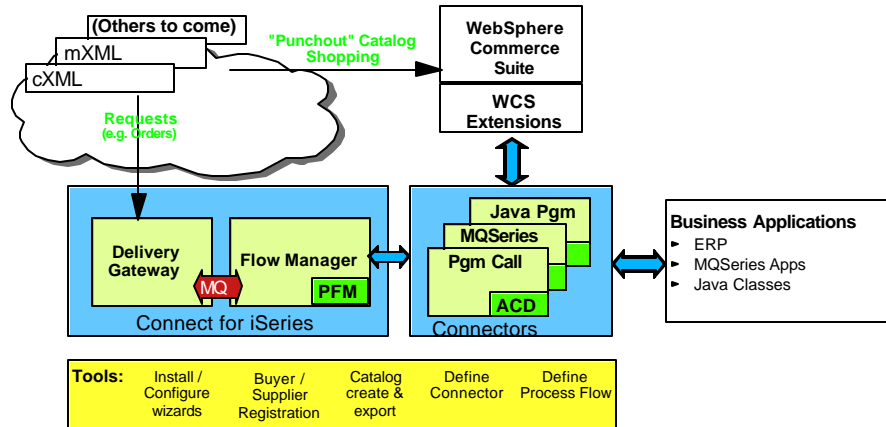
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Connect for iSeries

<http://ibm.com/eserver/iseries/btob>



- B2B Supplier Connectivity tool for e-Marketplace Protocols (i.e. Ariba)
- Open interfaces support private trading partner protocols for Application to Application (A2A) connectivity



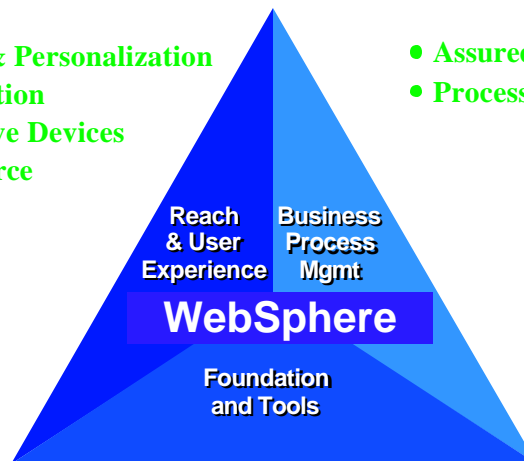
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These three areas tie together the broadest and deepest e-business platform

- Portal & Personalization
- Translation
- Pervasive Devices
- Commerce

- Assured Messaging
- Process & B2B Integration



- Application Serving
- Application Development Tools
- Host Access



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Sites Powered by Java/WebSphere

<http://www.iseries.ibm.com/developer/java/solutions/jjem.html>

- Bic Graphic Usa
 - <http://www.iseries.ibm.com/developer/java/solutions/bic.html>
- Famous Footwear
 - <http://www.iseries.ibm.com/developer/java/solutions/famous3.html>
- Federal Home Loan Bank of Des Moines
 - <http://www.iseries.ibm.com/developer/java/solutions/fhlbdm.pdf>
- HMV Media Group
 - <http://www.iseries.ibm.com/developer/java/downloads/hmv.pdf>
- Intermediate GmbH&Co
 - <http://www.iseries.ibm.com/developer/java/solutions/interm.html>
- JOMAR SOFTCORP INTERNATIONAL
 - <http://www.iseries.ibm.com/developer/java/solutions/jomar.html>
- Renaissance Cruises
 - <http://www.iseries.ibm.com/developer/java/solutions/renc.html>
- Welch's Foods, Inc.
 - <http://www.iseries.ibm.com/developer/java/solutions/welch.html>



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WebSites Using WebSphere Commerce Solutions

- AMCOR Sunclipse
 - <http://shop.leatherman.com>
- Andin Jewelry
 - <http://www.jewelry.com>
- Birks
 - <http://www.birks.com>
- InterAmerican Motor Corporation
 - <http://webwarehouse.imcparts.com>
- Nintendo USA
 - <http://store.nintendo.com>
- ICON Fitness
 - <http://www.weiderfitness.com>
 - <http://www.nordictrack.com>
 - <http://www.jumpking.com>
 - <http://www.proform.com>
- More on the way...



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Resources



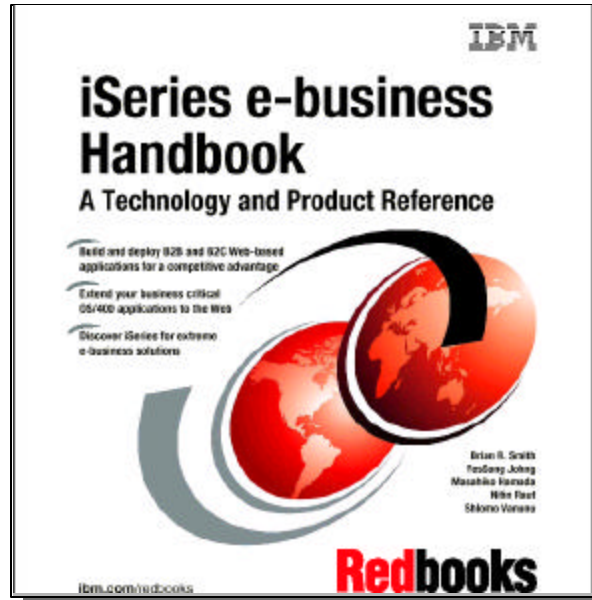
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iSeries e-business Redbook: SG24-6711

Topics:

- ✓ The how, what, and why of iSeries e-business
- ✓ Building e-business sites: Phased approach
- ✓ e-business-out: Extending core applications to the Web
- ✓ Domino Application Server for AS/400
- ✓ WebSphere Application Server
- ✓ WebSphere Commerce Suite for iSeries V5R1
- ✓ B2B: Transforming business processes for e-business
- ✓ B2B: Connectors, Application solutions and Services



ibm.com/redbooks



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[iSeries & WebSphere Resources & Deliverables](#)

iSeries site
www.iseries.ibm.com/

iSeries WebSphere Application Server
<http://www-1.ibm.com/servers/eserver/series/software/websphere/wsappserver/>

PartnerWorld for Developers, iSeries & WebSphere
<http://www.iseries.ibm.com/developer/websphere/>

IBM eServer Solutions
<http://www-1.ibm.com/servers/eserver/series/solutions/>

iSeries e-business Solutions
<http://www-1.ibm.com/servers/eserver/series/ebusiness/>

iSeries B2B Solutions
<http://www-1.ibm.com/servers/eserver/series/btob/>

Connect for iSeries
<http://www-1.ibm.com/servers/eserver/series/btob/connect/v11high.html>

WebSphere Commerce Suite for iSeries
<http://www-1.ibm.com/servers/eserver/series/ebusiness/wcs51.html>

iSeries and e-commerce
<http://www-1.ibm.com/servers/eserver/series/ebusiness/ecommerce.htm>

iSeries HTTP Server
<http://www-1.ibm.com/servers/eserver/series/software/http/index.html>

WebSphere Development Studio for iSeries
<http://www-1.ibm.com/servers/eserver/series/ebusiness/wsdevtools.htm>

iSeries and WebSphere References
<http://www.as400.ibm.com/developer/java/solutions/jjem.html>
<http://www2.software.ibm.com/casestudies/swcsweb.nsf/platform>

iSeries Solution Finder
<http://www.iseries.ibm.com/btobpartner/>

iSeries & Domino
<http://www-1.ibm.com/servers/eserver/series/domino/>

Dedicated Server for Domino
<http://www-1.ibm.com/servers/eserver/series/domino/dsd.htm>

Workload Estimator for iSeries, WAS, WCS & Domino, HTTP Server, Java, etc.
<http://as400service.ibm.com/estimator/>

iSeries Custom Technology Center
<http://www-1.ibm.com/servers/eserver/series/service/ctc/>

iSeries Technical Support
<http://as400service.ibm.com/>

iSeries Technical Studio
<http://www.as400.ibm.com/tstudio/>

1st Install for iSeries & WebSphere Application Server
<http://www.iseries.ibm.com/developer/websphere/assistance.html>

iSeries ToolsNet (Tools & Middleware)
<http://www.iseries.ibm.com/developer/tools/>

iSeries & Services Network
<http://as400service.ibm.com/supporthome.nsf/document/19251245>

iSeries e-business Handbook (SG24-5694-01)
<http://www.redbooks.ibm.com/abstracts/sg245694.html>

iSeries B2B White Paper from Summit Technologies
<http://www-1.ibm.com/servers/eserver/series/const/iiseriestrans.htm>

WebSphere Commerce Suite With Back-End Order Mgmt.
<http://ibm.com/redbooks>

iSeries Technology Center
<http://www.iseries.ibm.com/service/itc/ebiz.htm>

iSeries University
<http://www-3.ibm.com/services/learning/community/as400/>

iSeries & WebSphere Resources & Deliverables

WebSphere Application Server Overview
<http://www-4.ibm.com/software/webservers/appserv/>

IBM Redbooks
<http://www.redbooks.ibm.com/>

WebSphere Double the performance of nearest competitor information (Press Release)
http://www-4.ibm.com/software/webservers/appserv/pr_version4.html

iSeries Nation
<http://www-1.ibm.com/servers/eserver/series/announce/form.html>

WebSphere Commerce Suite
www-4.ibm.com/software/webservers/commerce/

WebSphere Payment Manager
www-4.ibm.com/software/webservers/paymgr/

MQSeries
www.ibm.com/software/ts/mqseries

iSeries & WebSphere Documentation

- Redbooks & Red Pieces** **Form Numbers/Web Sites**
- Building iSeries Applications for WebSphere Advanced Edition SG24-5691
 - Building Java Applications for the iSeries with VisualAge for Java SG24-6245
 - Integrating WCS with Domino Back-End Applications
 - <http://ibm.com/redbooks> (search for REDP0141)
- Java & WebSphere Performance on iSeries**
- <http://publib-b.boulder.ibm.com/Redbooks.nsf/RedpieceAbstracts/sg246256.html?Open>
 - iSeries Application Development Directions white paper is now available
 - <http://www.iseries.ibm.com/developer/tools/documents/addir/index.html>
 - Connect for iSeries with WebSphere Commerce Suite Red Paper
 - <http://www.redbooks.ibm.com/redpapers/pdfs/redp0127.pdf>
- Tools for Application Reface and Redesign**
- <http://www.as400.ibm.com/developer/comm/pidtechpapers.html?Tools>
 - Introduction to Enterprise JavaBeans for AS/400 SG24-5192-00
 - Web enabling AS/400 Applications with WebSphere Studio SG24-5634-00
 - Building AS/400 Applications with WebSphere Standard Edition 2.0 SG24-5635-00
 - Building AS/400 C/S Apps with Java SG24-2152-02
 - Building AS/400 Internet-based applications with Java SG24-5337-00

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