Jakarta Tomcat

- From Jakarta - a project of the Apache Software Foundation
- No cost engine for Servlets and Java Server Pages
  - Sun's official reference implementation
- V3.2.4 incorporated into HTTP server (via PTF)
- A "getting started" web application server
- **WebSphere Application Server = IBM's strategic web application server**
- Missing function compared with WebSphere AS:
  - No EJB or Web Services support
  - No Workload Management
  - No IBM Session Manager support
  - No IBM database connection manager support

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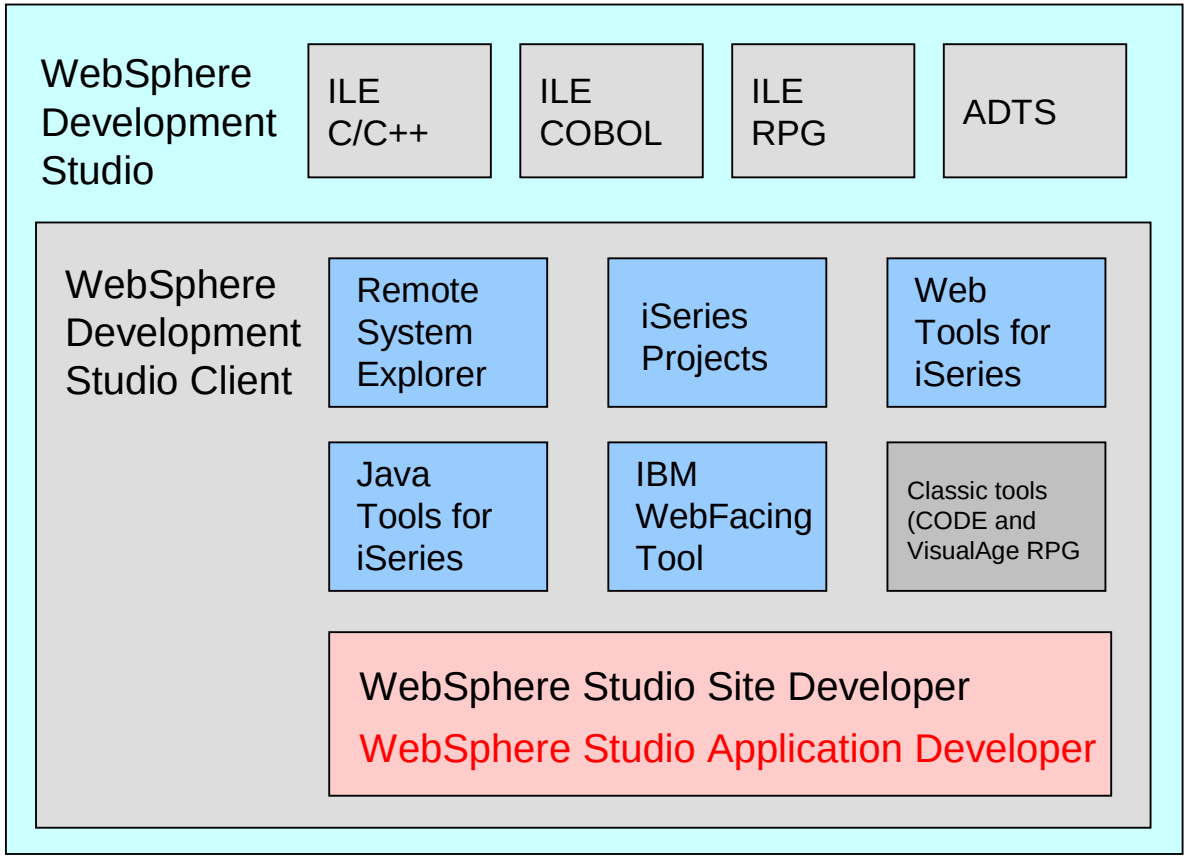
WebSphere Development Studio Client for iSeries V5.0



5724-A81: WDSc V5.0

5724-D46: WDSc Advanced Edition V5.0

Planned Availability April 25, 2003

www.ibm.com/software/ad/wds400/

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WDSc V5.0 Major Features

- WSSD/WSAD* V5 for e-business development
  - Java, EJB*, Web, Web Services, XML, database tools
  - Web Application builder based on Struts
  - iSeries-specific enhancements for Web, Web Services, Java development
  - iSeries extensions:
    - Enhanced IBM WebFacing Tool
    - iFrame portlet and sample*
    - Integrated file/project/edit/compile/debug for iSeries HLL and DDS
    - Seamless integration of IBM and iSeries partner tools
- Co-Operative Development Environment (CODE)
- VisualAge RPG
- Distributed Debugger
- 1 copy of WDSc is shipped with WAS-Express for iSeries

*Advanced Edition only

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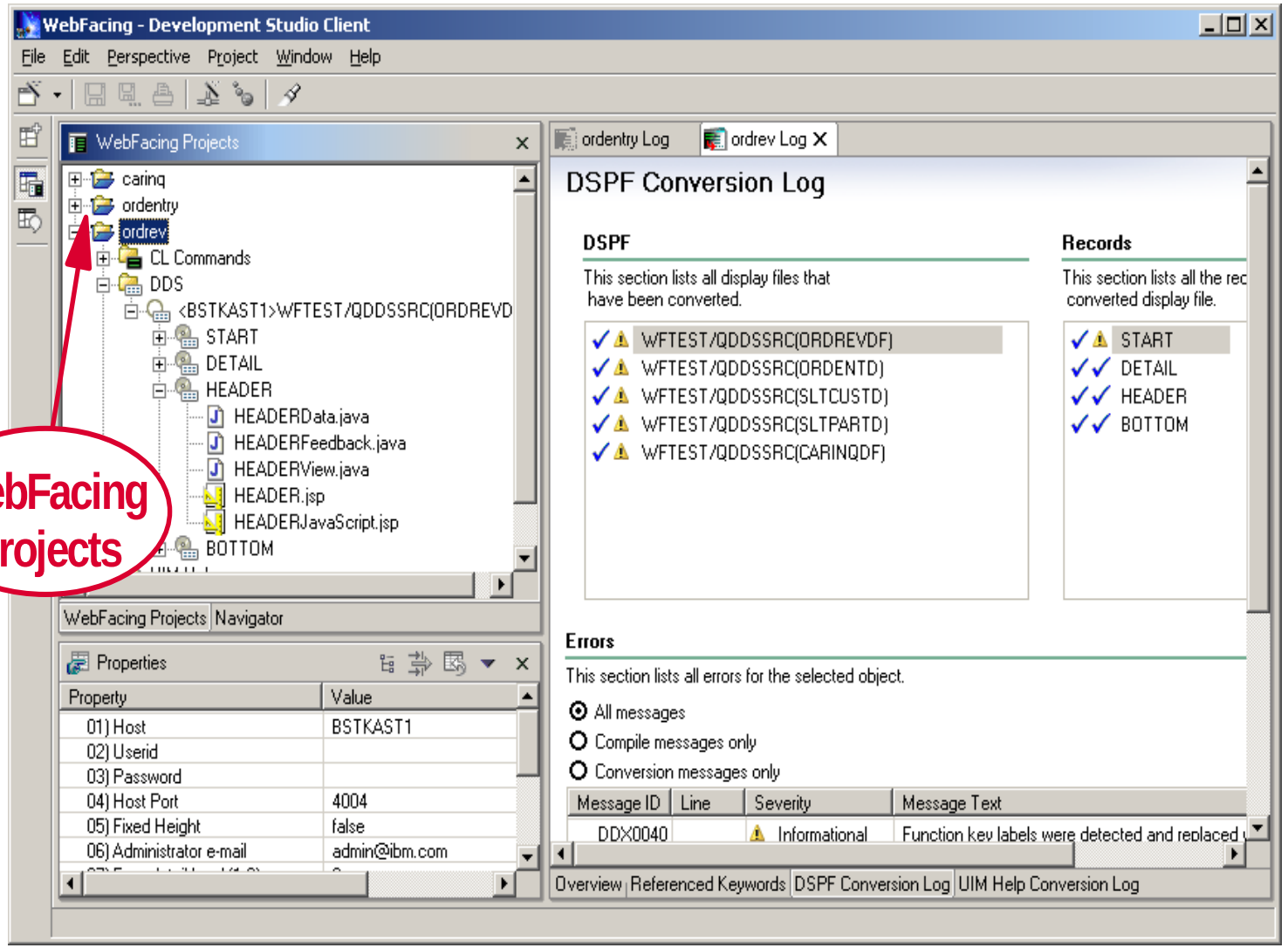
Eclipse based IDE



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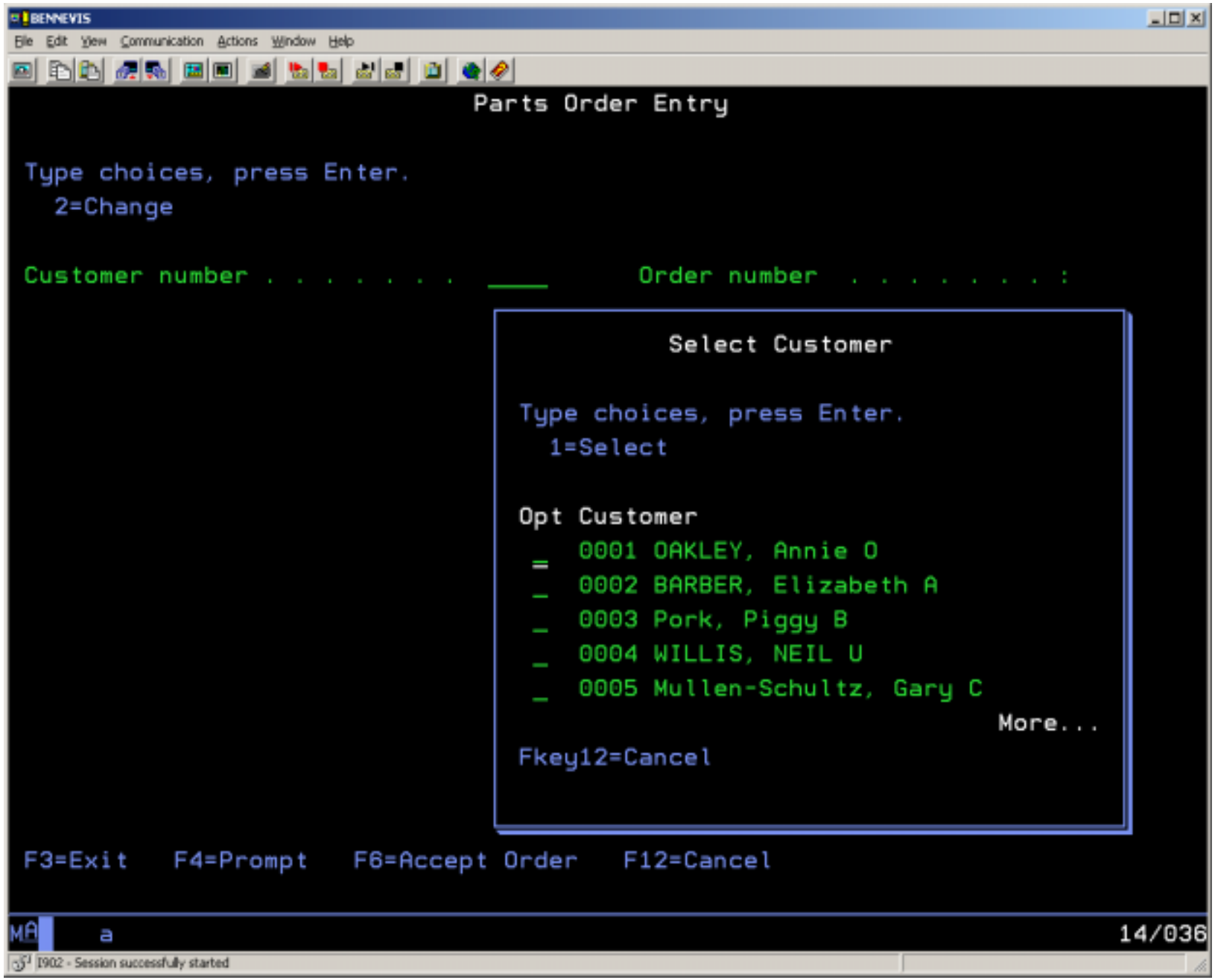

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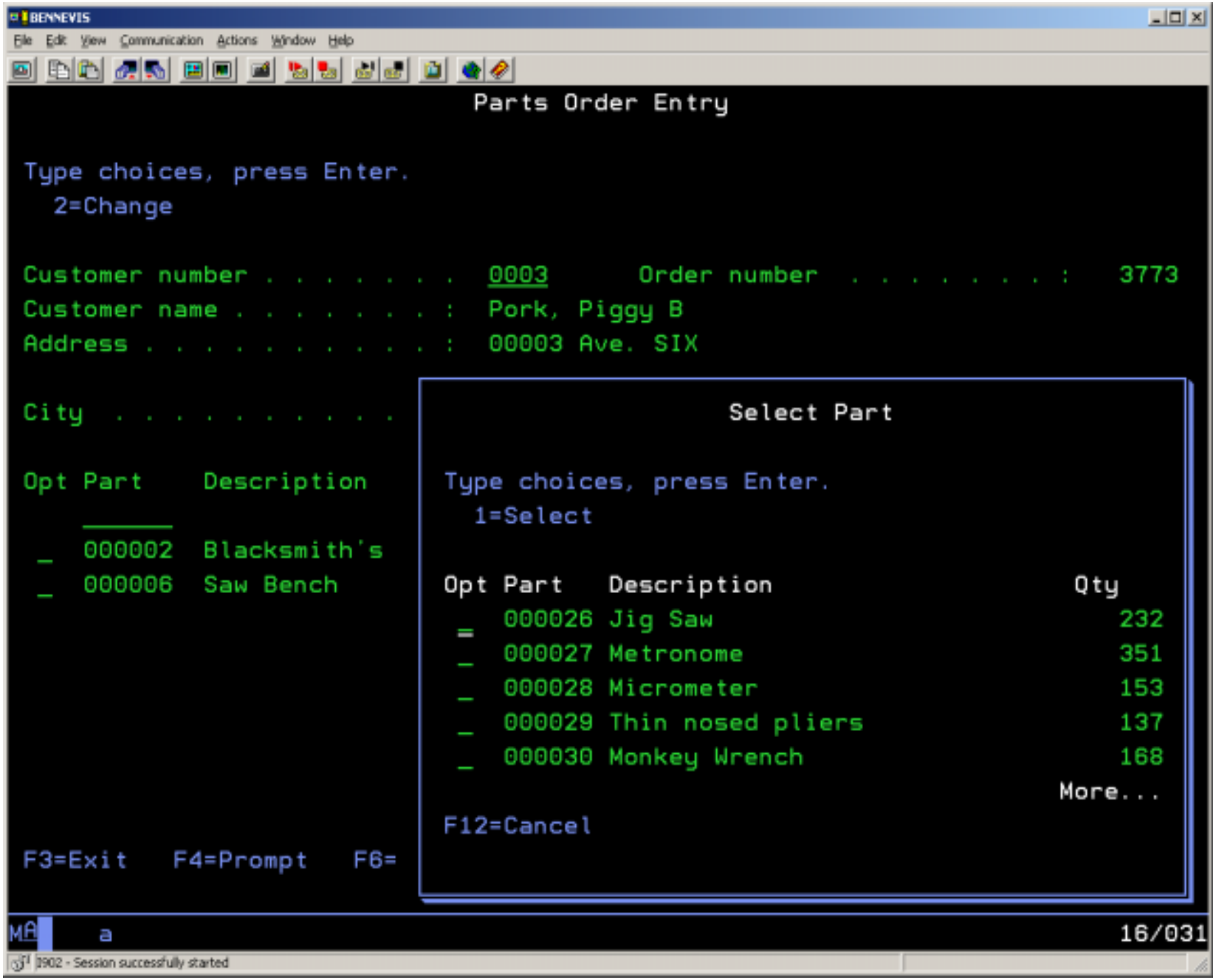

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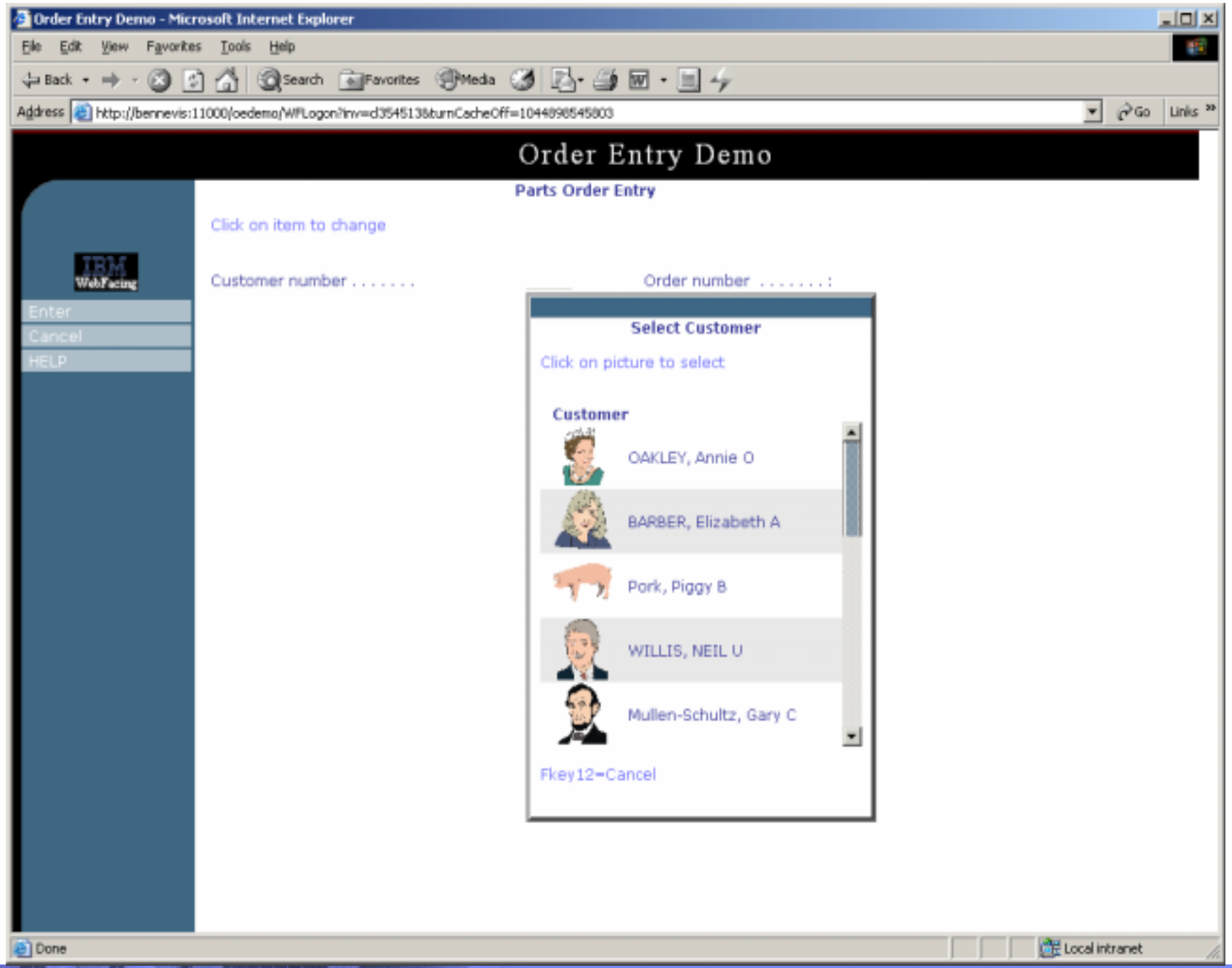

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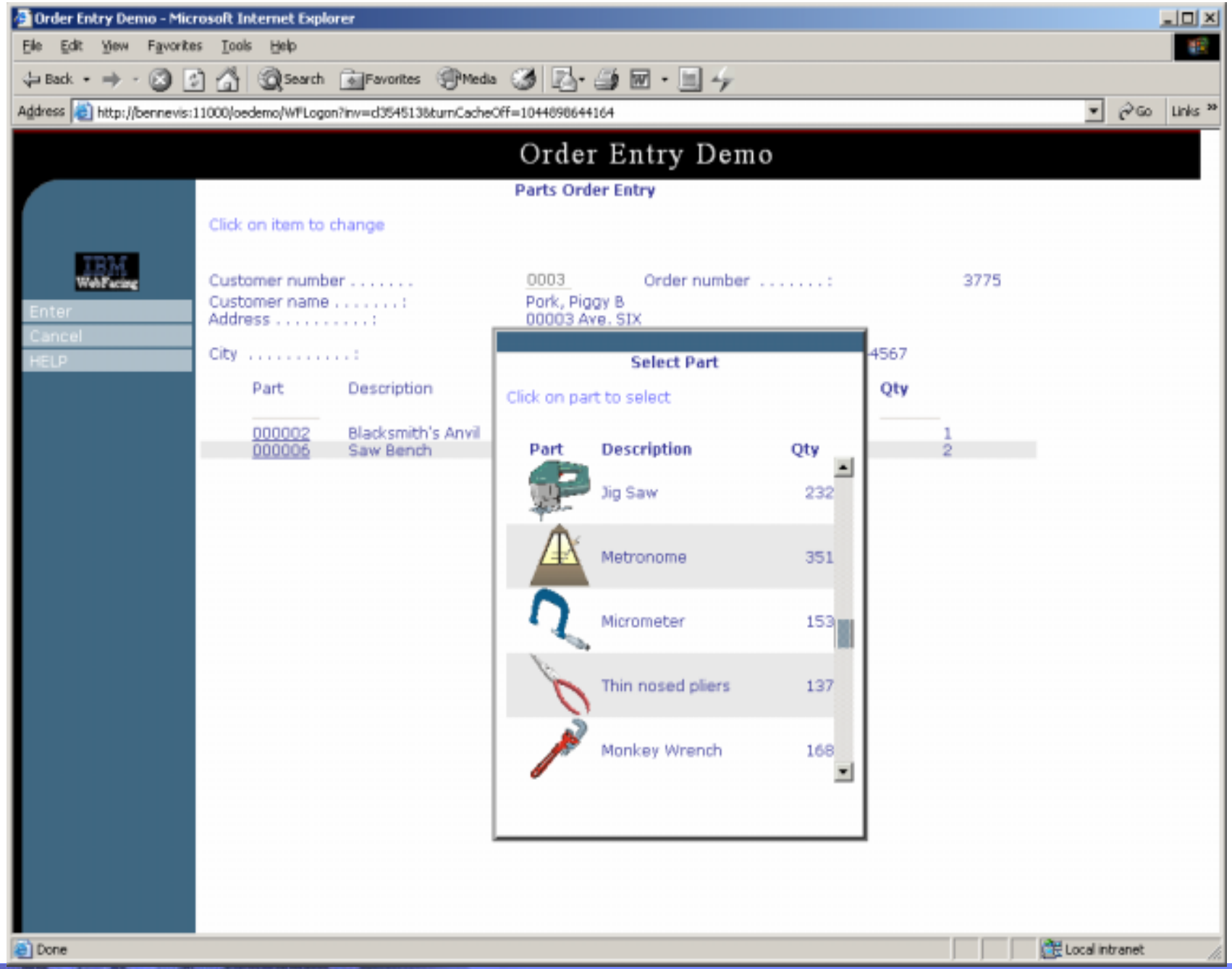

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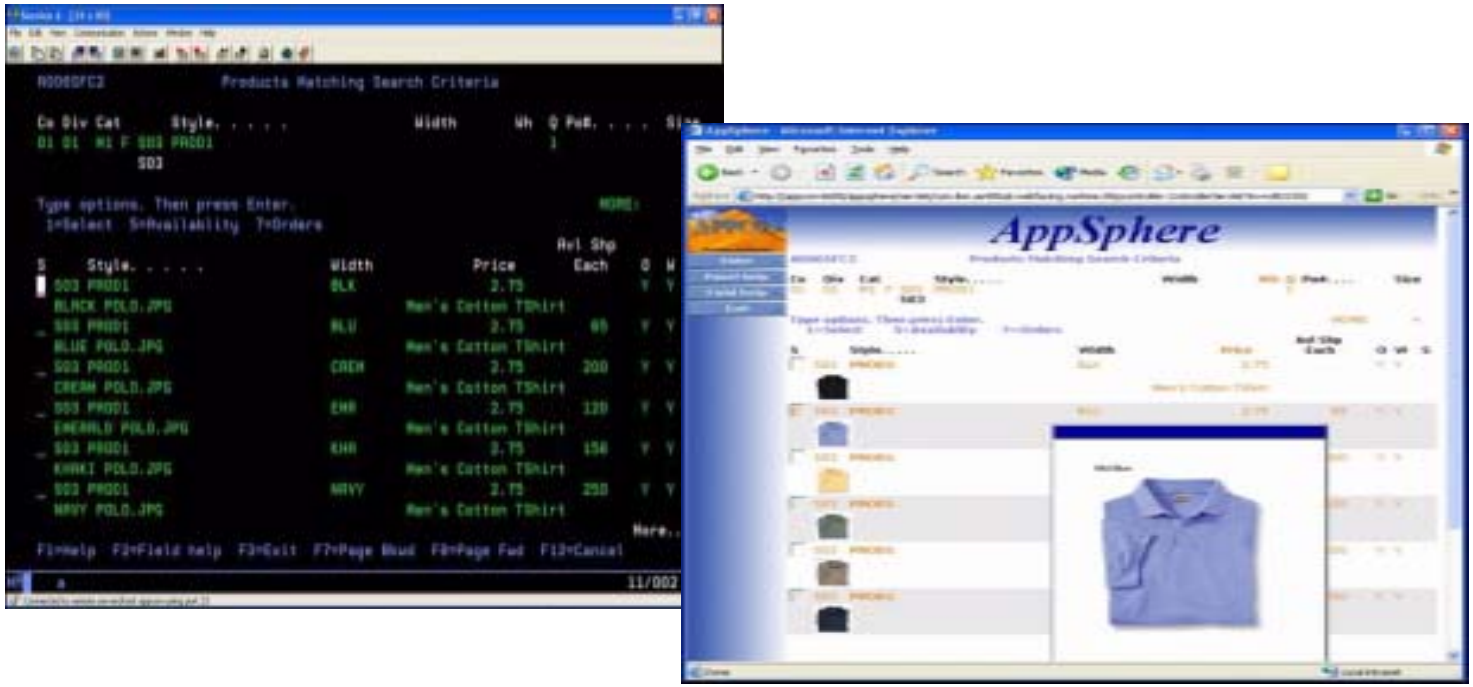
WebFacing Modernizes iSeries 5250 Applications

WebFacing Tool

- Part of WebSphere Development Studio for iSeries (shipped with WDSc)
- Supports 5250 and web interfaces
- Quickly convert RPG/5250 applications to Graphical User Interface (GUI)
- End-users access applications via browser
- **New 2003 iSeries models (only) do NOT require 5250 CPW workload!**



Before & After WebFacing

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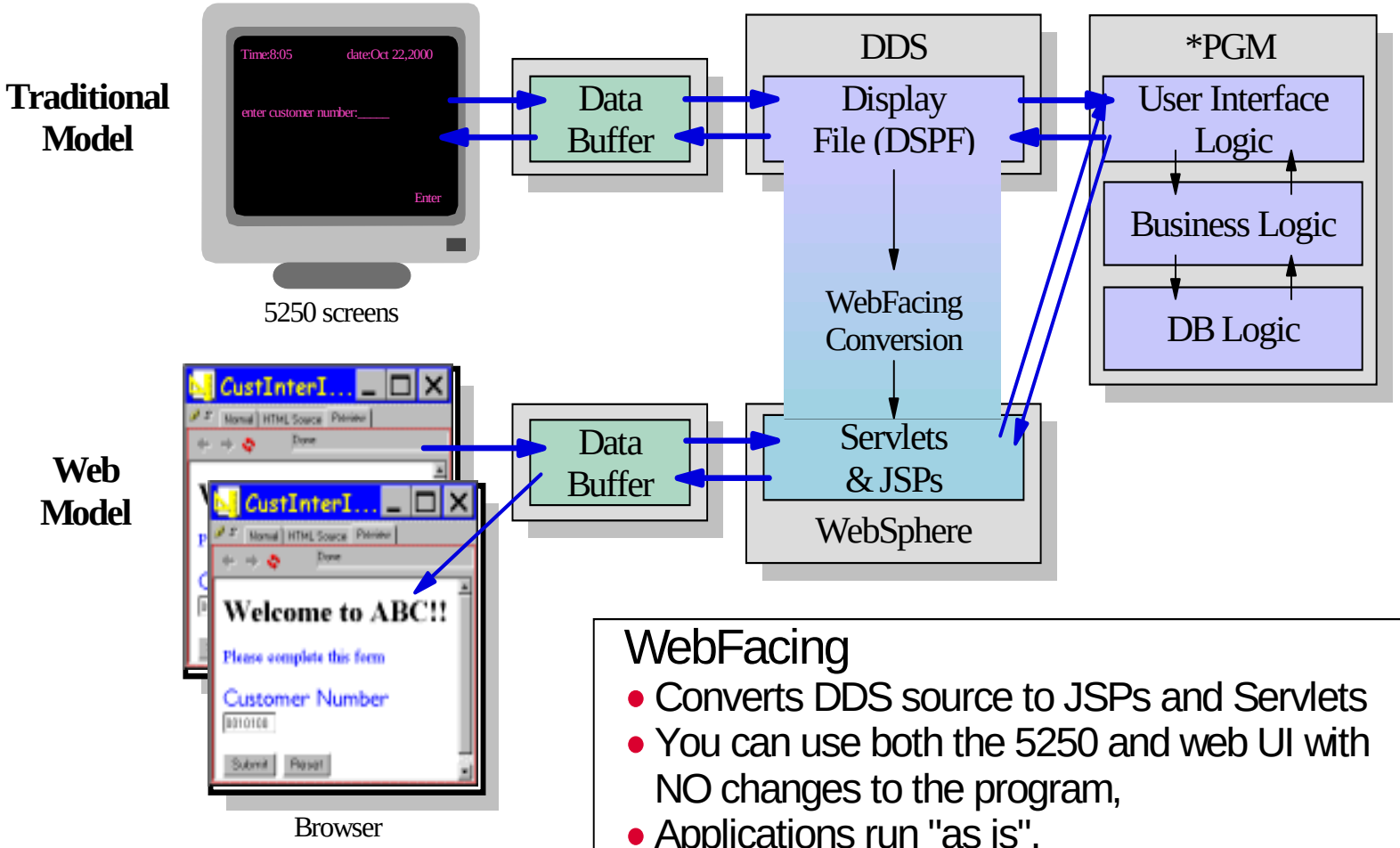
WebFacing Architecture



WebFacing

- Converts DDS source to JSPs and Servlets
- You can use both the 5250 and web UI with NO changes to the program,
- Applications run "as is".

Quickly web-enable many applications

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WebFacing Tool + New Models = No Interactive CPW!

"New News" in 2003 Models & Packaging - WebSphere and WebFacing

- **Model 800**
  - WebFacing does NOT require 5250 CPW workload
  - Standard and Advanced editions includes WAS-Express
    - Value edition does NOT include WAS-Express

- **Model 810**
  - WebFacing does NOT require 5250 CPW workload
  - Standard package does NOT include WAS-Express
  - Enterprise package includes WAS-Express

ALL Older iSeries Models Using WebFacing Tool Requires 5250 CPW

- **Models 825, 870 & 890**
  - WebFacing does NOT require 5250 CPW workload
  - Standard package does NOT include WAS
  - Enterprise package includes CHOICE of WebSphere Application Server
    - WAS - Express for iSeries OR
    - WebSphere Application Server V4 (single server) OR
    - WebSphere Application Server V5

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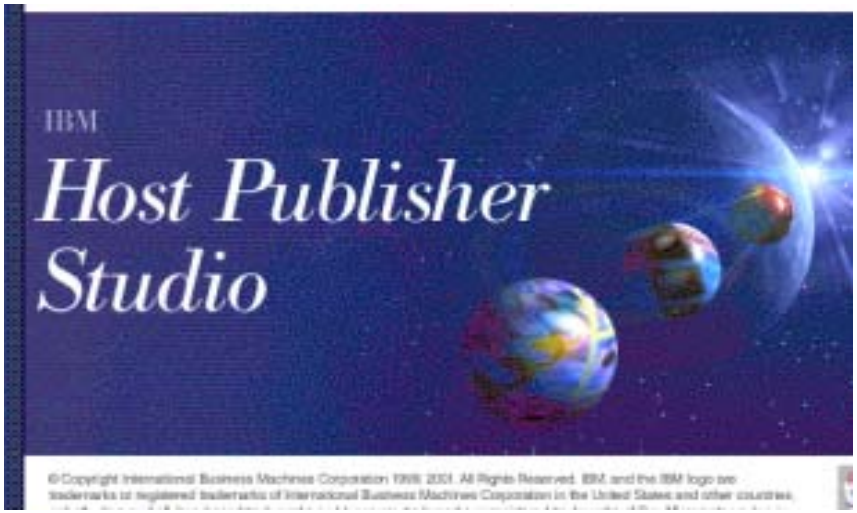
iSeries Access Family (fee-based) Includes WebSphere-based Products



iSeries Access for the Web

- Administrator and end-user tool
- Access iSeries resources via browser
- Use iSeries Access for the Web with WebFacing to modernise system screens
- Administrator can customise/limit access to resources

The browser-based alternative...

WebSphere Host Publisher

- Programmer tool
- Modernise existing 5250 applications
- Combine multiple back-end applications
  - iSeries, zSeries, UNIX, etc
- Customise applications
  - Take 1,000 screens down to 200
- Supports WAS V3.5 & V4
- WAS V5 and Express from 30/6/2003

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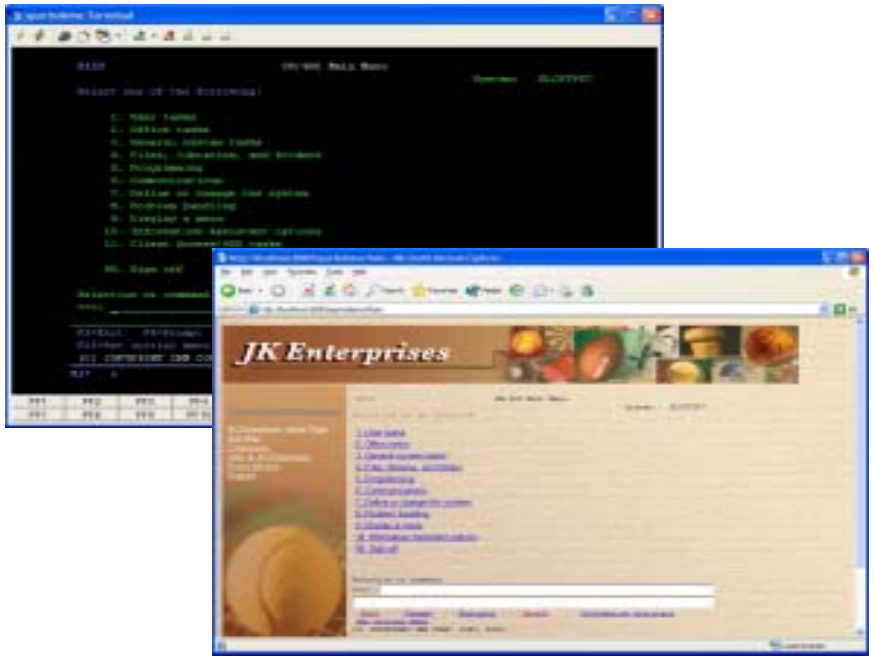
WebSphere HATS



- **Host Access Transformation Server**
  - Dynamically transforms 3270/5250 screens to HTML
  - Does not require access to source code
  - Provides stock HTML templates that can tailored
  - Eclipse-based Studio
  - Includes a rules-based transformation engine
  - Integrates with WebSphere Application Server
  - Ships with WebSphere Host Integration Solution
  - Pricing
    - £313 per concurrent Internet user
    - £213 per registered Intranet user

- **HATS Limited Edition for iSeries**
  - Subset of full HATS product
  - Runs with WAS V4, V5 and WAS – Express V5
  - Ships with iSeries Access Family V5R2 (5722-XW1) from 30/6/2003

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WebSphere Commerce V5.4

Provides a framework for customers to establish effective, high-end B2B and B2C e-commerce Web sites

- **WebSphere Commerce Professional Edition (WCPE)** *£56,000 per CPU*
  - **Advanced order and inventory management, business campaign management, integrated business intelligence and reporting, live help (via SameTime) and supports auctions and payment management**

- **WebSphere Commerce Professional Edition Entry** *£14,000*
  - **Functionally similar to WebSphere Commerce Professional**
    - **SameTime function not included**
    - **Restricted Terms and Conditions: 1 CPU and 1 store**

- **WebSphere Commerce Business Edition (WCBE)** *£87,700 per CPU*
  - **Includes all the function in WCPE function plus significantly more B2B functionality**

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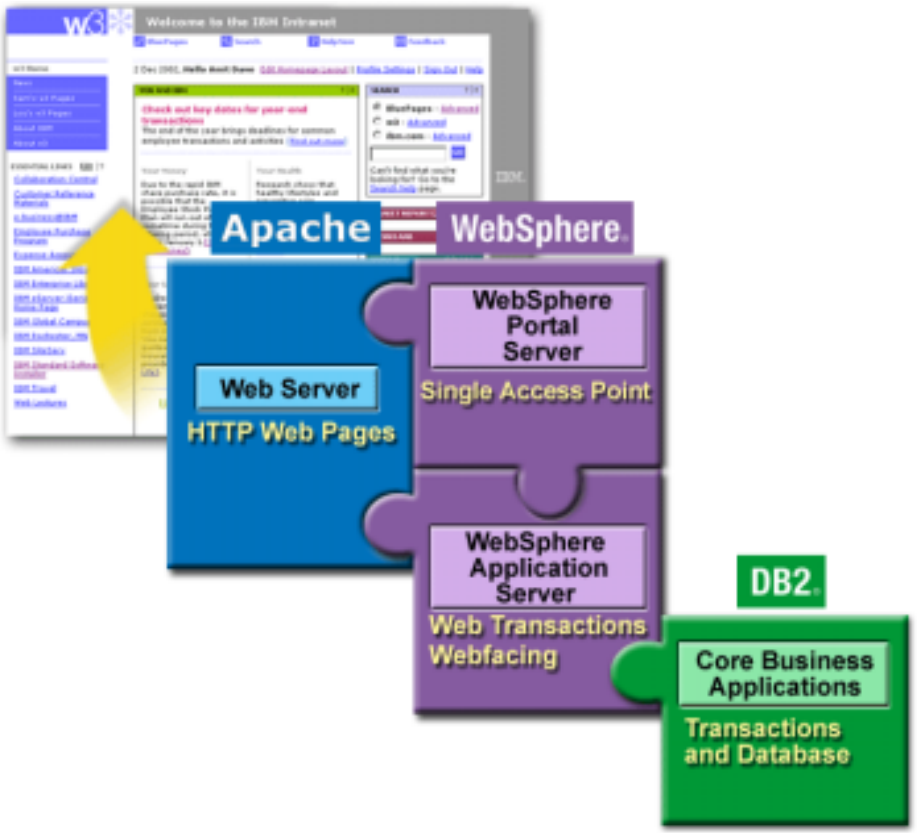
WebSphere Portal

Portals are Web pages tailored for specific users providing:

- A single point of personalised interaction
- Integrated content, applications, people and processes



WebSphere Portal Server Enable V4.1 for iSeries

- Quickly build scalable portals to simplify and speed your access to personalised information and applications
- £50K per CPU
- Sub-capacity pricing NOT supported

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Summary

- Getting to the Web on iSeries has never been easier!
- Three new editions of WebSphere Application Server
  - V5 Express – emphasis on affordability, ease of installation and configuration
  - V5 Base – advanced functions including full J2EE
  - V5 Network Deployment – for high scalability and distributed applications
- Powerful new development tools
  - WebSphere Development Studio Client V5
  - WebSphere Development Studio Client V5 Advanced Edition
- Enhanced WebFacing Tool
  - No 5250 feature required on new models for WebFaced applications
- WebSphere Commerce and WebSphere Portal for high function solutions

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