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JAVA™

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JavaOne
Part of the Oracle and Sun Microsystems

What's New in JDeveloper

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TS-1279

Goal of This Talk

Discover how new features in JDeveloper enable rapid development of SOA applications

Agenda

SOA and ISE

SOA and ISE Components

Build an SOA application in JDeveloper

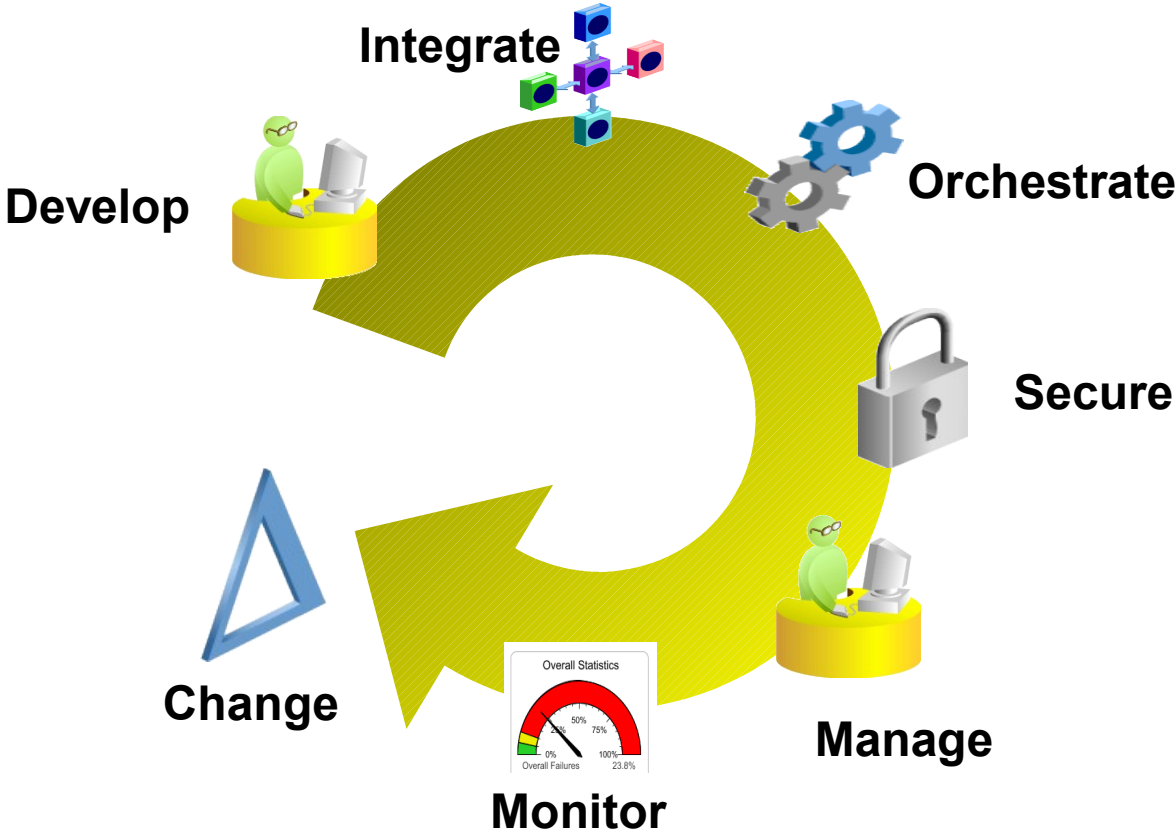
Why SOA?

- Today's customer challenges
 - Changing business requirements
 - Emerging technologies
 - Growing complexity

“Our industry is very competitive. My team is constantly looking for ways to improve customer service, introduce new product offerings, and make an impact to the bottom-line.”

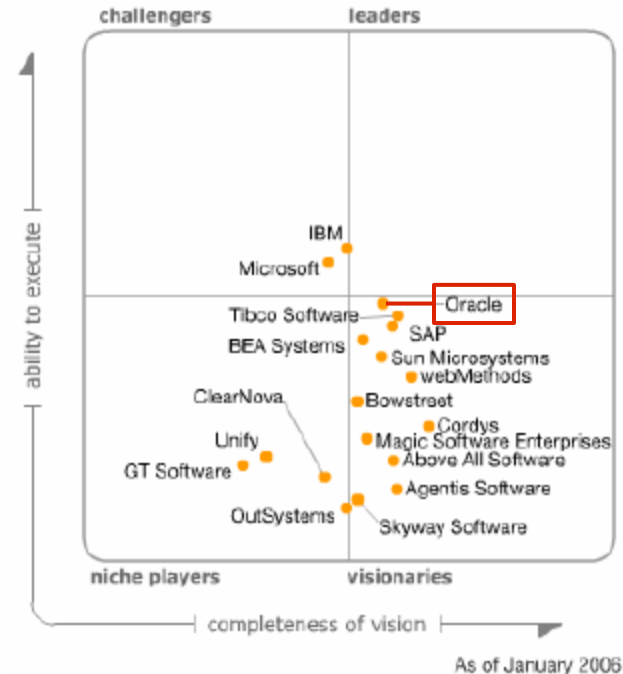
Serge Bauve, Manager, Belgacom

What is needed?



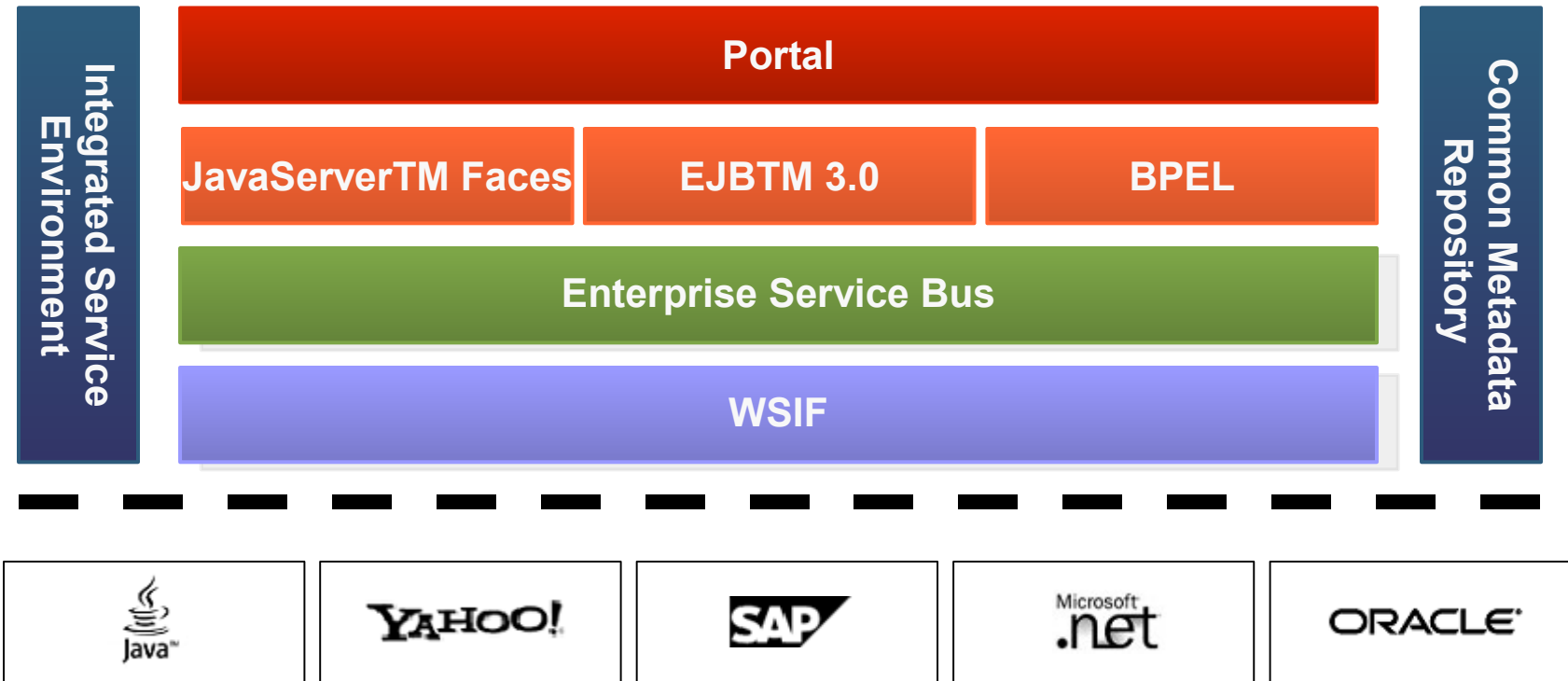
Integrated Service Environment (ISE)

- Service abstraction
- Business process modelling
- Development environment
- Productivity layer/framework
- Rapid application maintenance



Source: Magic Quadrant for the Integrated Service Environment Market, 2006 – Gartner

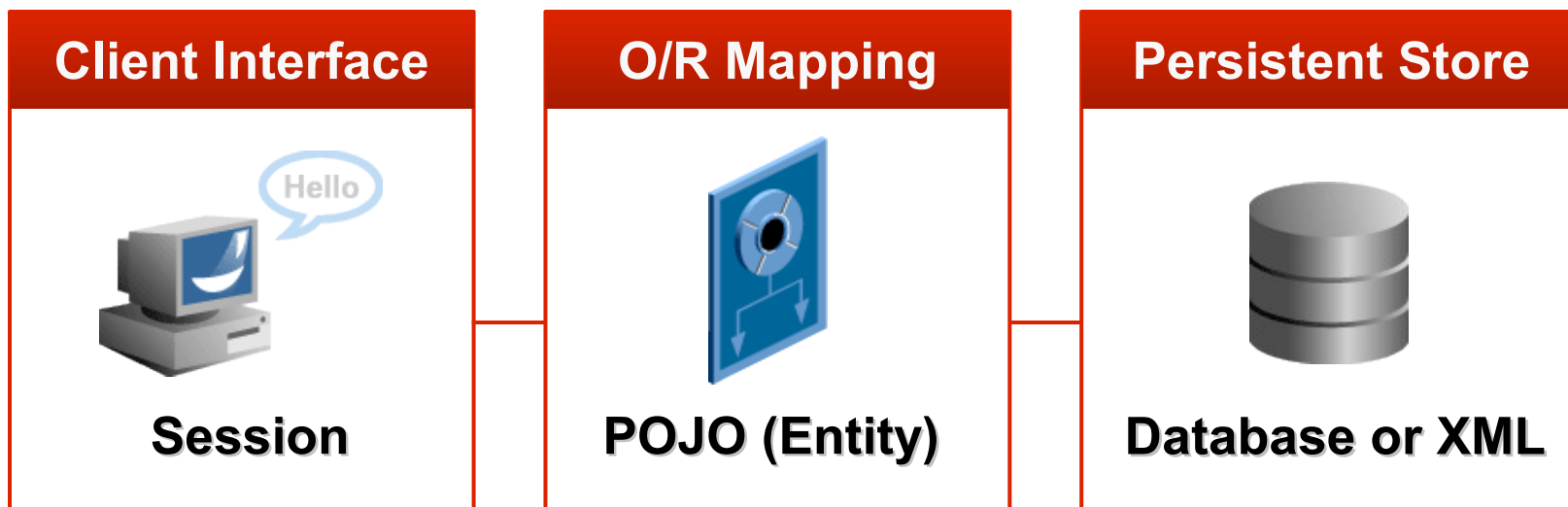
SOA Blueprint



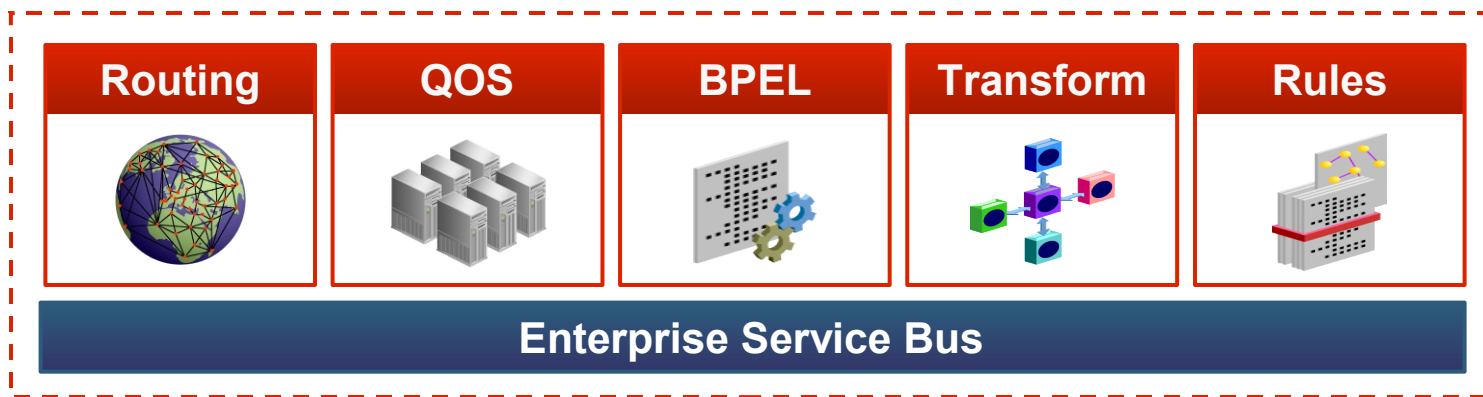


DEMO

Business Logic



Publishing and Integrating Services



Registering Services



Developers



Consumers



**Publication
Registry**



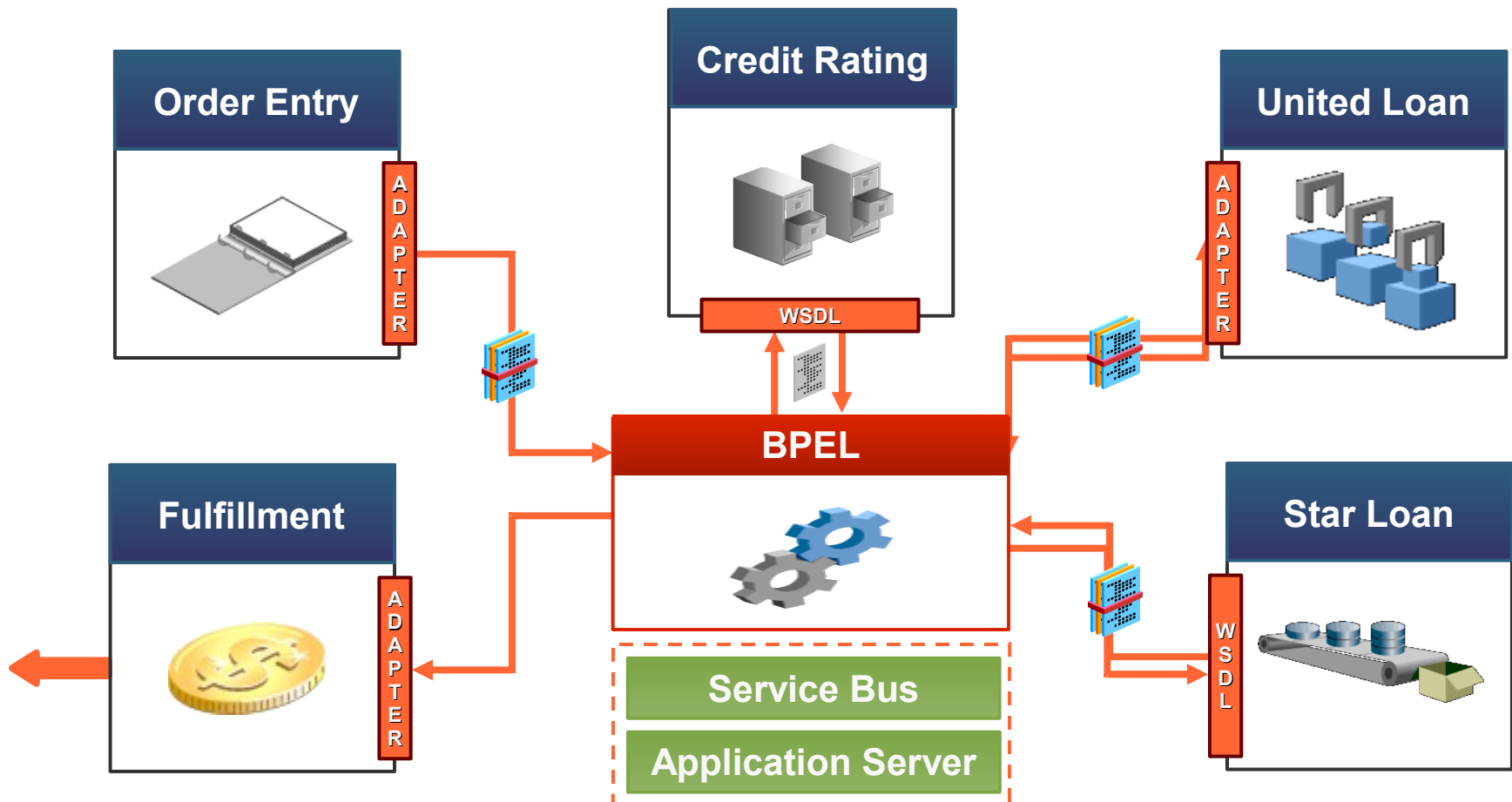
**Approval Process
Human-managed
Or Automatic**



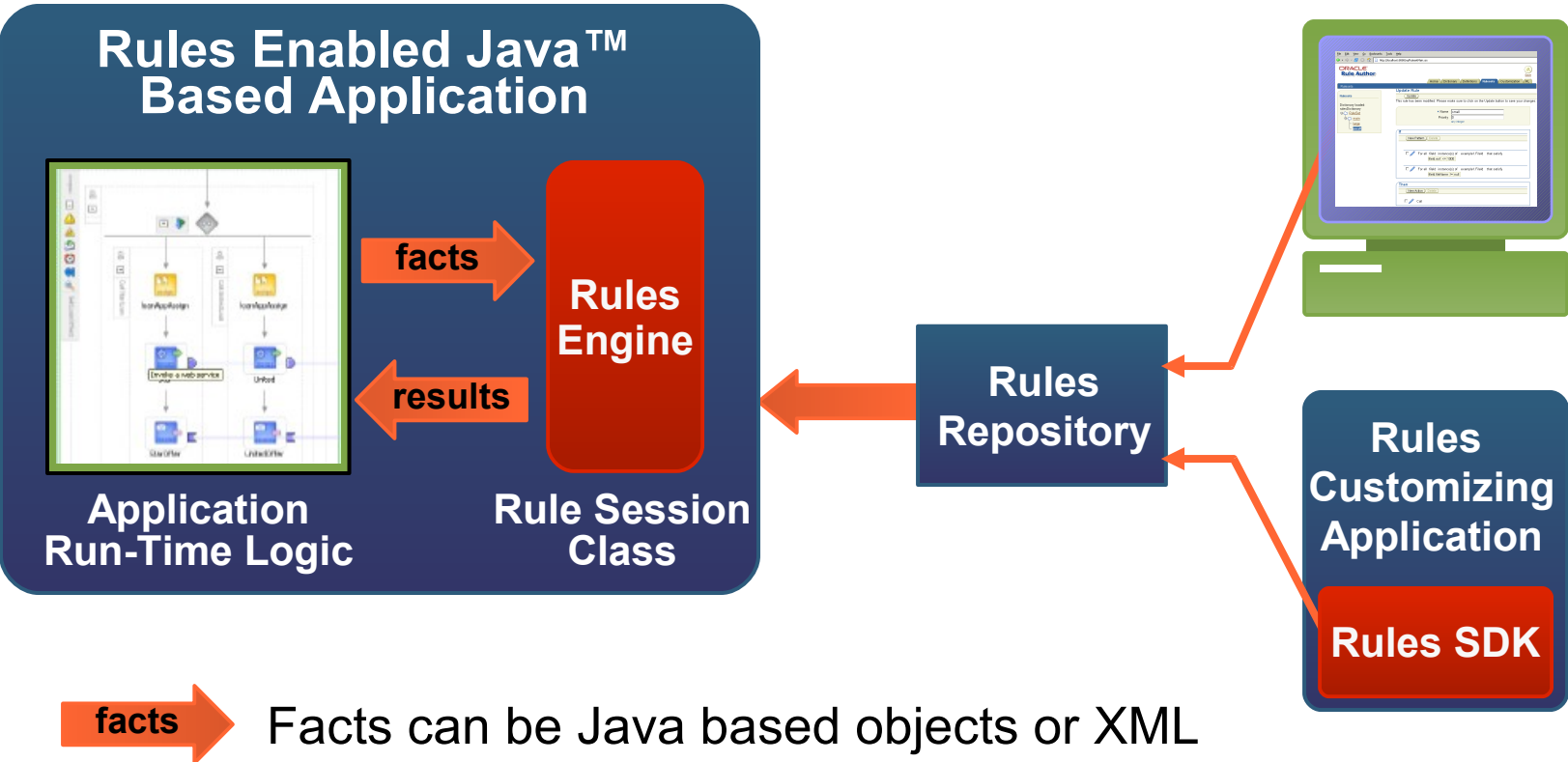
**Discovery
Registry**



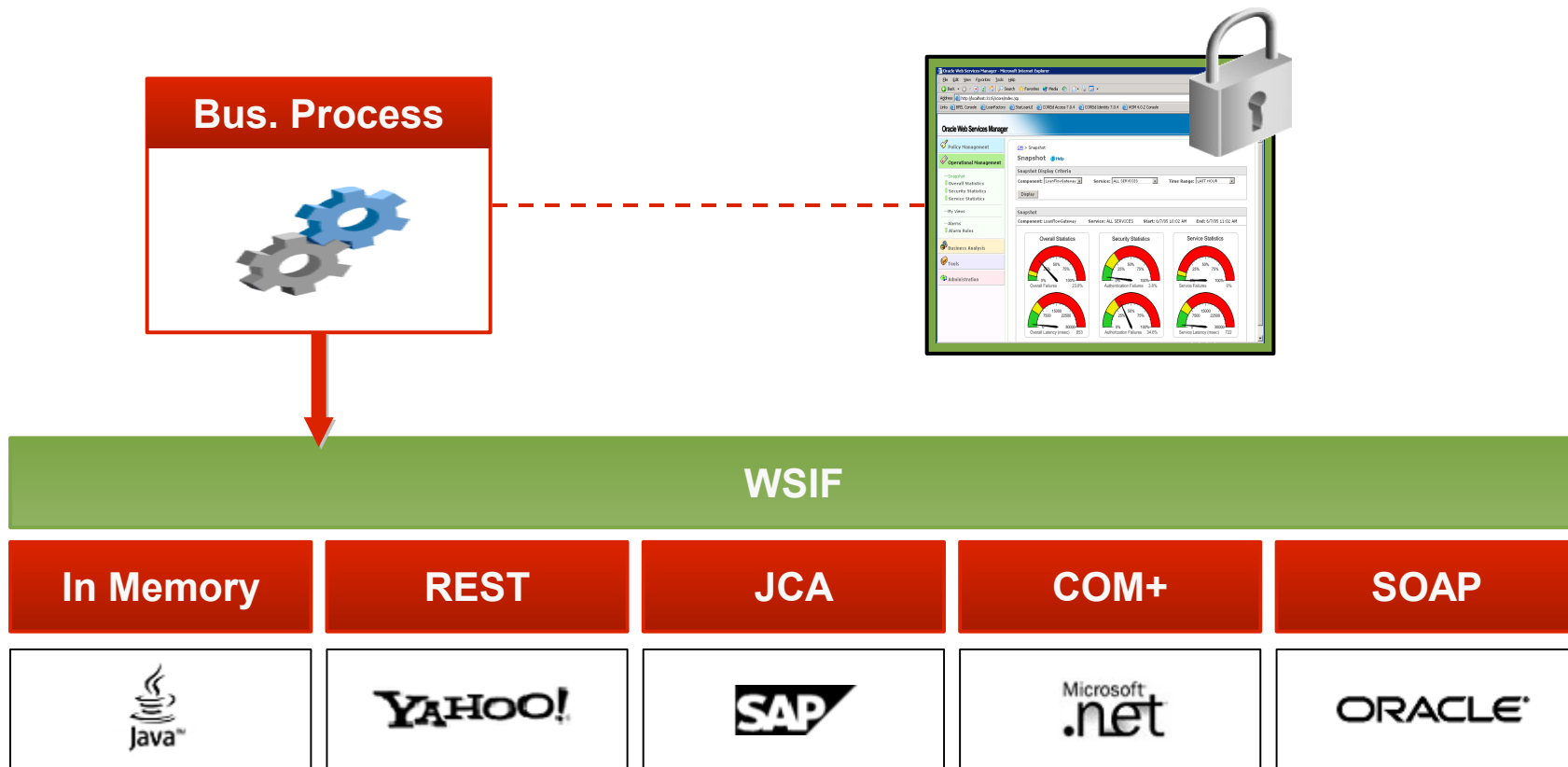
Orchestrating Services



Applying Business Rules



Securing Services and Processes



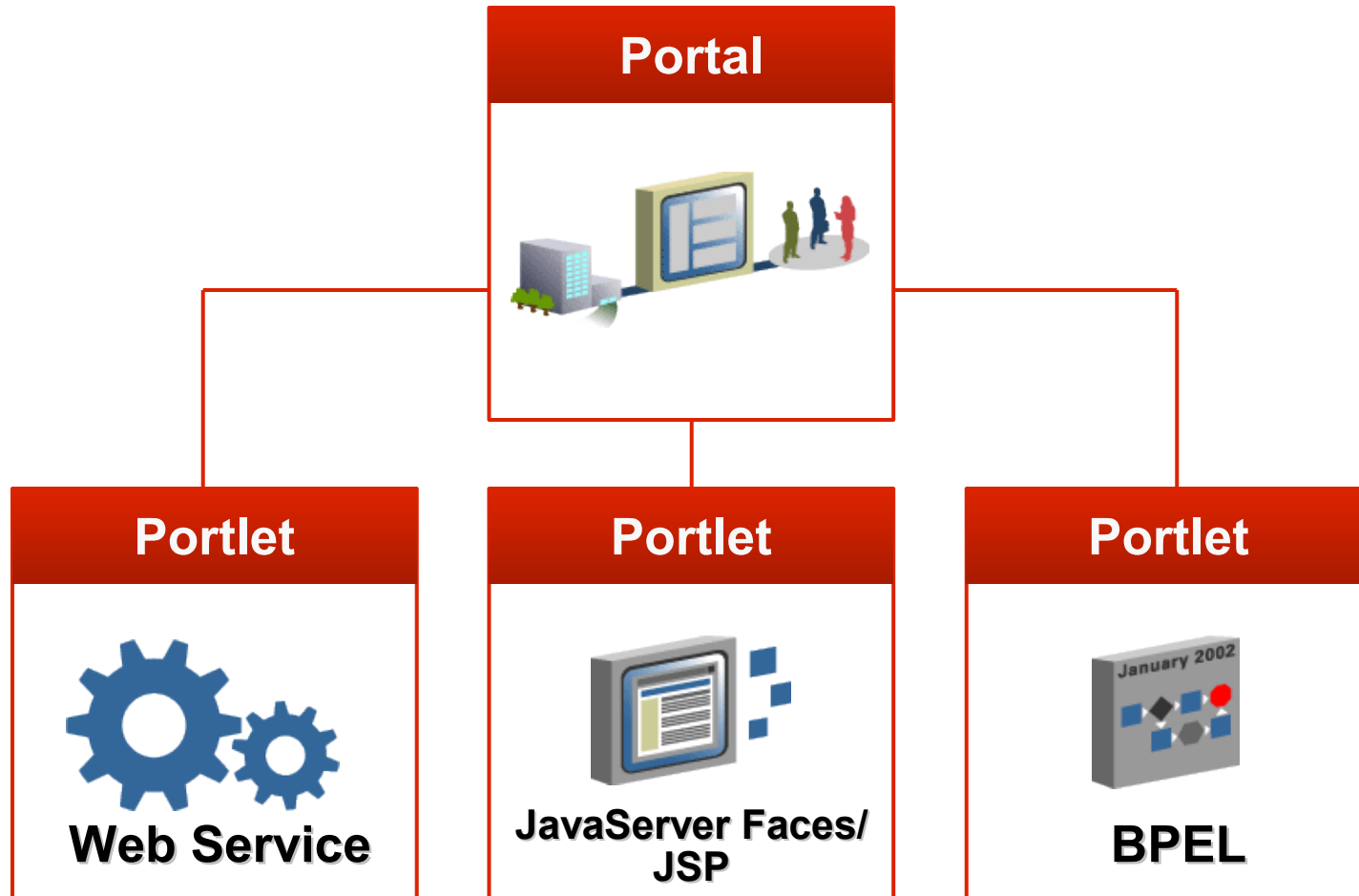
User Interfaces



Databinding (JSR 227)

- | | | | | |
|--------------------|-------------------|------------|----------------|---------------|
| Web Service | Java Class | EJB | TopLink | ADF BC |
|--------------------|-------------------|------------|----------------|---------------|

Assembling User Interfaces





DEMO

Summary

- JDeveloper and ADF provide a complete Integrated Service Environment for developing SOA applications

For More Information

- Other JavaOneSM conference resources
 - Oracle Booth
 - 5.18 Breaking the Limits of JSR 168 Portlet Development
 - 5.19 Evolving JavaServer Faces Technology: AJAX Done Right
 - 5.19 Using Service Component Architecture to Wire BPEL Processes to Java Technology-Based Components
- OTN (<http://www.oracle.com/technology/products/jdev>)
 - Whitepapers, tutorials, product downloads, discussion forums
- Books
 - Oracle JDeveloper 10g Handbook (McGraw-Hill Osborne)
 - Oracle JDeveloper 10g: Empowering J2EE Development (Apress)
 - Pro JSF and AJAX: Building Rich Internet Components (Apress)
 - JavaServer Faces: The Complete Reference (McGraw-Hill Osborne)
 - Beginning EJB 3.0: From Novice to Professional (Apress)

Q&A



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