



Topics 1. Brief overview of the J2EE platform 2. J2EE and people 3. J2EE and modelling 4. Short example

Java 2 Platform Enterprise Edition (J2EE)

 Java originally promoted as client-side technology

Lonsdale Systems

- "Re-invented" as a server-side
 programming language
- J2EE firmly targeted at information systems development

 Built on standard Java 2 platform
 - Adds APIs, standards, protocols











J2EE Embodies a "Clash of Cultures"

- Java was originally targeted at programmers of object oriented software
- J2EE is targeted at developers of enterprise information systems
- These two worlds have different perspectives, techniques, skills, traditions...















Model	Abstraction	Instances	Volatility	Logic
Software	Class/ Object	As required for execution	Transient	All applicat logic
Database	Table/ Row	All real world objects	Persistent	No logic
Conceptual	Type/ Object	Typical real world objects	Real world state	Real wo behavio

 Lonsidale Systems 	Online Auction: Use Cases
	Commercial Break
	Open Auction Seller H Buyer
	Buyer









Lonsidale Systems

Design Approach: Coarse-Grained Business Component

- Encapsulates the business and data access logic
- Provides a "business-oriented" interface to the database









