



JavaOneSM
Sun's Worldwide Java Developer Conference



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Latte

Rapid Application Development

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Business Computing Evolution

C/S Application Development

Collaborative App Development

Web Application Development



Overlap = New Opportunity

C/S Application Development

Collaborative App Development

Web Application Development

Java™ is the enabling technology



Java Solves Today's Problems...

- Reduces life-time ownership costs
 - Supports dynamic updates
 - Designed to be delivered over network
 - Thin clients / fat servers
- Supports cross-platform development
- Built-in Web connectivity
- Makes software easier to debug/maintain

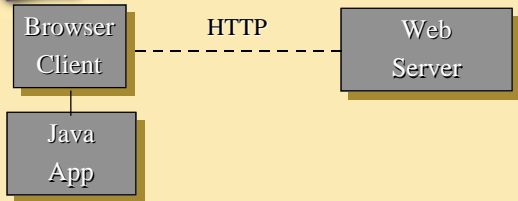


...Presents New Opportunities

- New markets
- Extended organizations
- Collaborative/Workgroup applications
- New computing environments

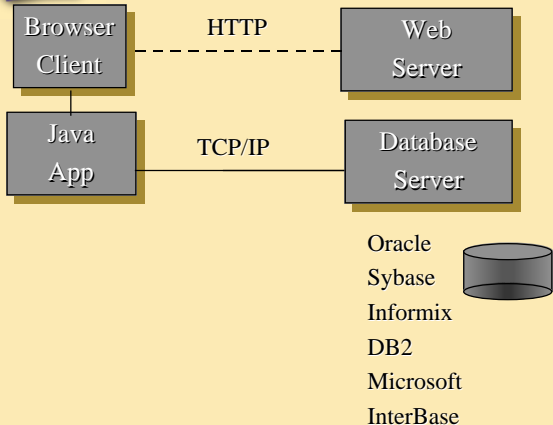


Web Delivered Applications



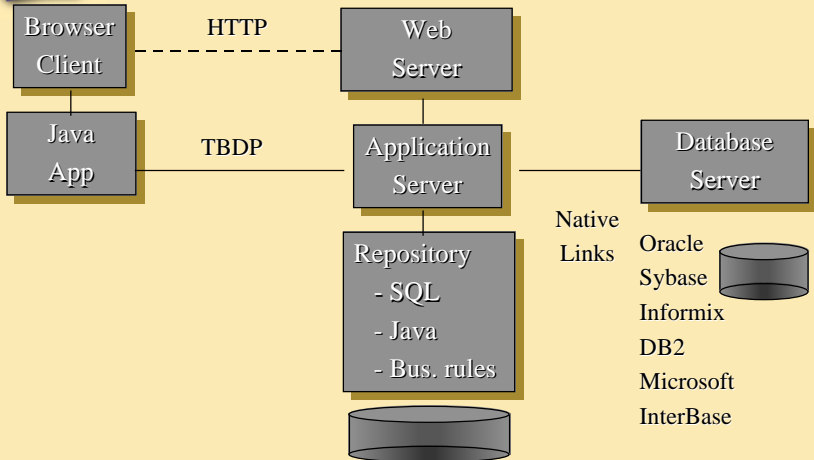


2-Tier Web Applications



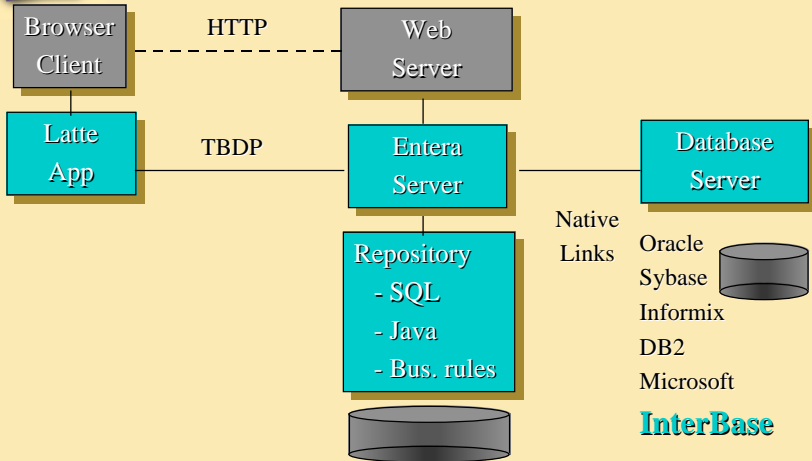


N-Tier Web Applications





Borland Solutions for Internet

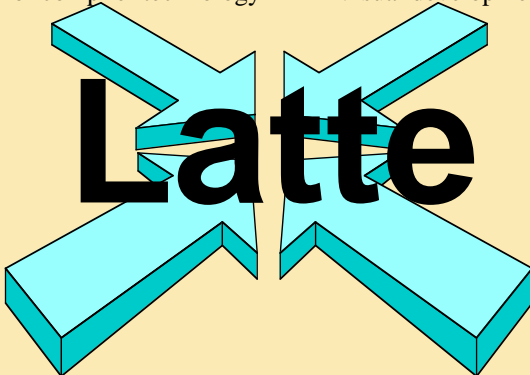




Product Vision

Superior compiler technology

Visual development tools



Distributed and C/S solutions

Reusable software components



Product Focus

- Premier RAD tool for Java
 - Web-delivered
 - Cross-platform
 - Applets and Applications
- Desktop → Distributed Enterprise
 - Scalable database support
 - Scalable application architecture



Product Benefits

- Productivity
- Fast time to market
- Re-use
- Optimize hardware investment
- Security in x-platform development



Overview of Latte RAD Tools

- Professional programmer's editor
- Class browser/editor
- Integrated GUI debugger
- Native code compiler
- Forms builder
- Large library of reusable components
- Extensible through new components



Reusable Components

- Increasing software complexity
- Feature explosion
- Interchangeable building blocks
- Fewer application dependencies



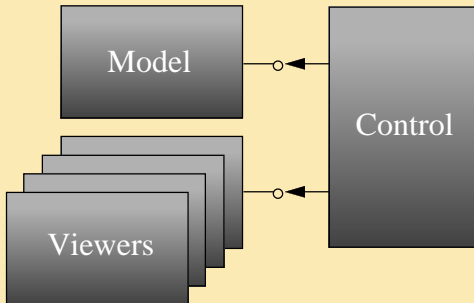
Latte Component Model

- Defines conventions that support visual tools
- Maps a Property/Method/Event (PME) model on to standard Java language
- Interface-based allowing components and sub-components to be interchanged
- Designed to take advantage of new language features
- All components are data-aware



Model-View-Controller

The model is the data representation
that is manipulated by the control



The control surfaces
properties, methods, and
events to manipulate the data

Support for multiple viewers allows data
to be visualized in a number of ways



Latte Database Development

- All components are data-aware
- Full support for the JDBC™ standard
- InterClient JDBC driver provides high-performance connectivity to InterBase
- Database management tools



Java Database Connectivity

- Java™-based classes that provide connectivity to database systems
- Supports access to multiple SQL databases through a standard interface
- Similar to ODBC and SQL-92 CLI
- Provides access to stored procedures and SQL statements with parameters

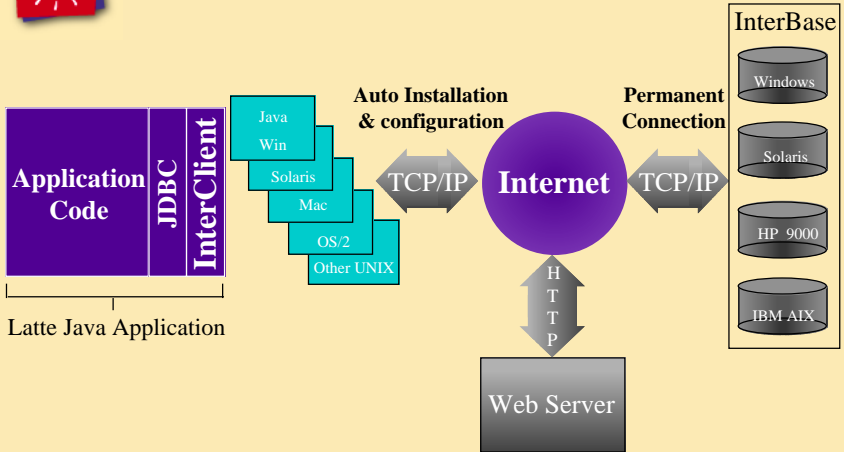


InterClient

- Premier implementation of JDBC for Java C/S development with InterBase
 - Performance
 - Open standards
 - Portability
 - Lower life-cycle costs



InterClient Connectivity





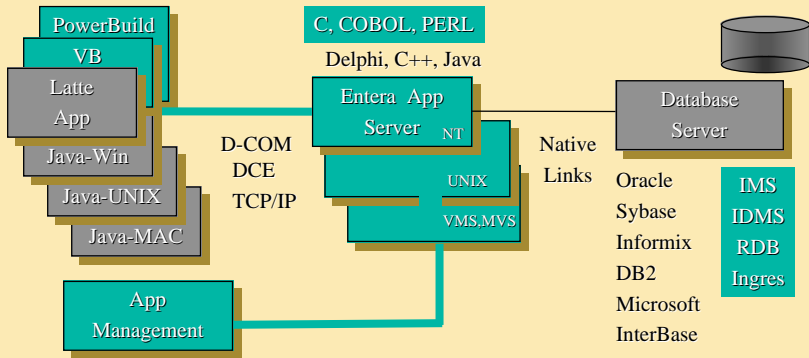
InterBase for the Intranet

- Concurrency
- Multimedia handling
- Portable/Scalable
- Event driven
- Multi-generational architecture
- Full BLOB support and BLOB filters
- 16 operating systems, from Windows to UNIX
- Event Alerters, triggers, stored procedures



Entera/OEC Application Server

Highly scalable, multi-tier development and management for business critical applications



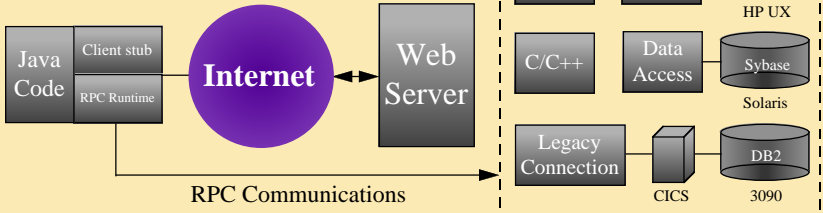
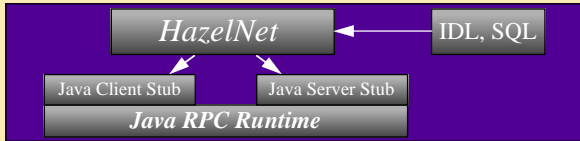


HazelNet

- What is it?
 - Development tools for creating Distributed Java™-powered applications
- Features
 - Graphical tools
 - Automatic generation of Java-powered clients and server RPC stubs
 - RPC Runtime libraries implemented in the Java language
 - Java-powered client can call non-Java components

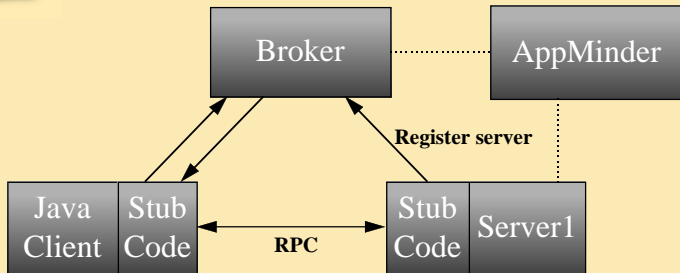


HazelNet Architecture





HazelNet Runtime





Summary

- Latte provides RAD tools for x-platform, web-delivered applications
- Scales from Desktop to Distributed Enterprise solutions
- InterClient for web-optimized C/S development
- Entera/OEC for web-delivered distributed applications