JavaOne℠

Sun's 1997 Worldwide Java Developer Conference™

Novell.

Java™ Solutions
Leveraging Network Services

Alvin Tedjamulia

VP Developer Technologies

Novell Enables Java on Networks

◆ **Java Activities within Novell**

◆ **Demonstrations:**

1. Example of a Directory Enabled Application:
   Novell Border Server
2. Java and CORBA on IntranetWare
3. ManageWise Java Command Center using JNDI
4. GroupWise Java Web Access

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Novell Welcomes

Dr. Eric Schmidt
CTO, Sun Microsystems
as
Novell Chairman and CEO

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Novell Platform Evolution

Development Environment

IntranetWare

Border Server
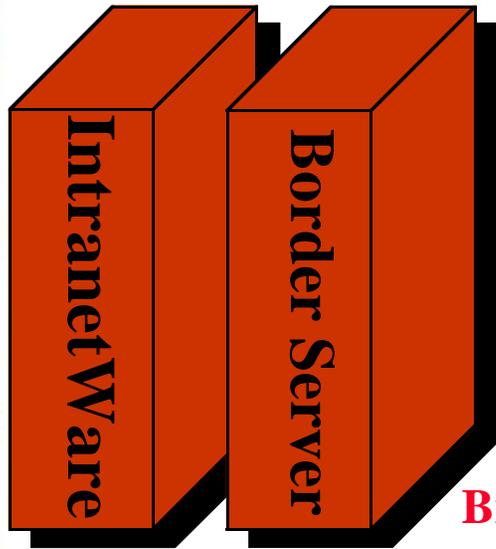
BrainShare
Announcements
Mar/97

SunSoft

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Tools
CORBA
Database
SuiteSpot
Cache, VPN, FW/Sec
Java (JVM + JDK + JIT)
Web Server + Browser
Directory (NDS)
Connectivity + File + Print
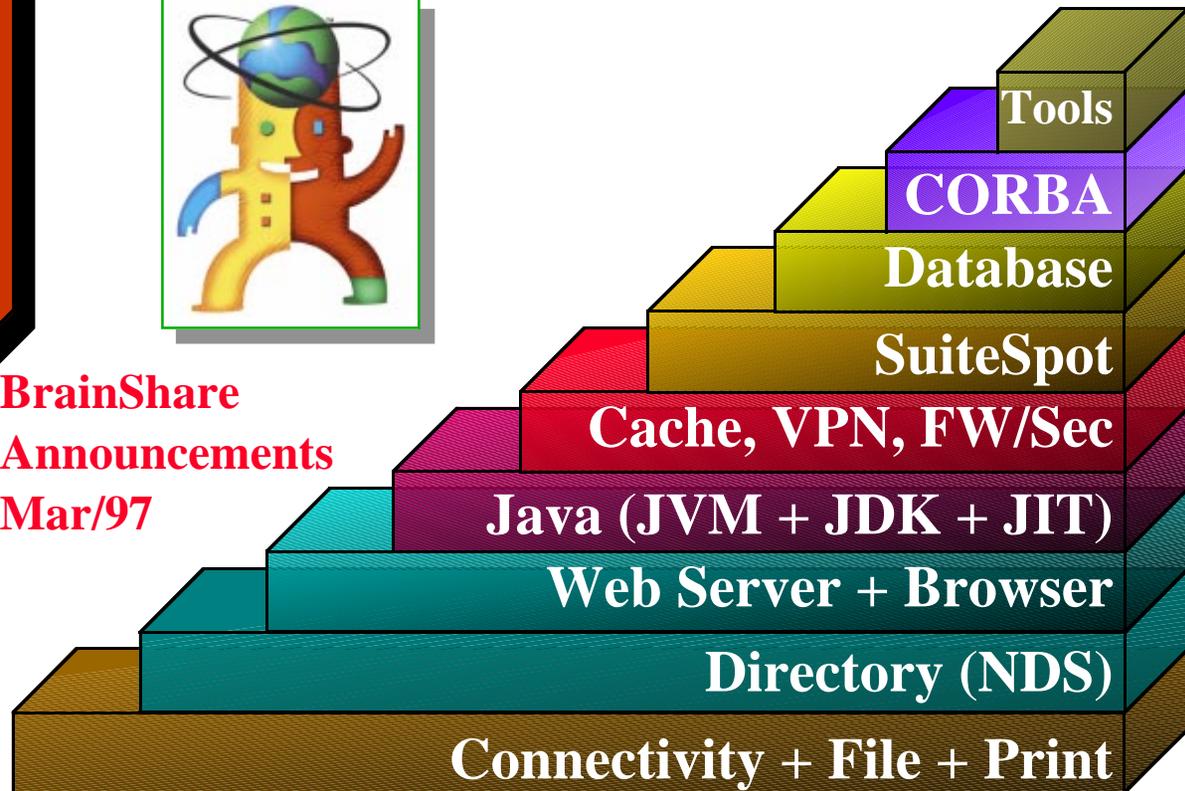
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Novell Platform - IntranetWare

Novell takes Java to the Masses

IntranetWare is a Java Deployment Platform

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Novell Platform - IntranetWare

◆ 60+ Million Users

Novell takes
Java to
the Masses

**IntranetWare is a Java
Deployment Platform**

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Novell Platform - IntranetWare

- ◆ 60+ Million Users
- ◆ 3+ Million Servers

Novell takes
Java to
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**IntranetWare is a Java
Deployment Platform**

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Novell Platform - IntranetWare

- ◆ 60+ Million Users
- ◆ 3+ Million Servers
- ◆ 200,000 CNEs, CNIs

Novell takes Java to the Masses

IntranetWare is a Java Deployment Platform

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Novell Platform - IntranetWare

- ◆ 60+ Million Users
- ◆ 3+ Million Servers
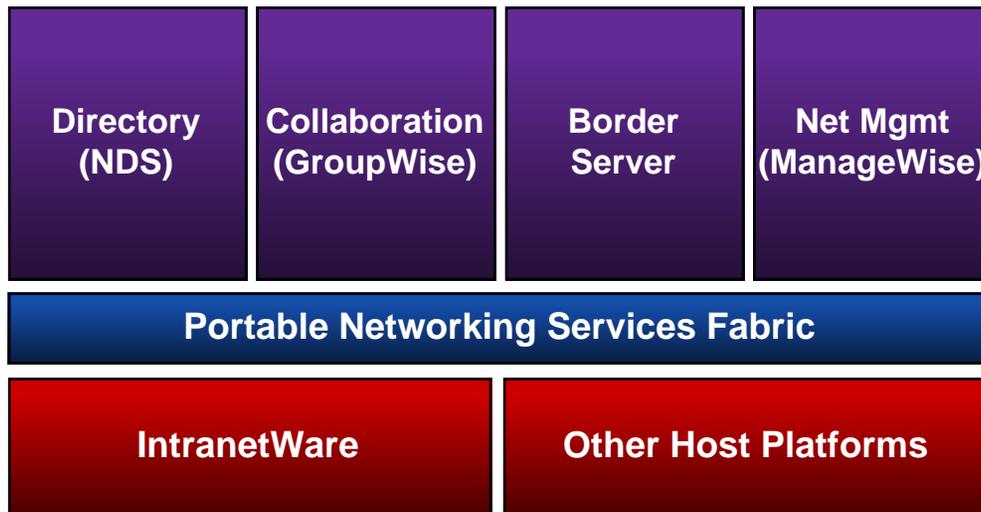- ◆ 200,000 CNEs, CNIs
- ◆ 65% Market Share

Novell takes Java to the Masses

IntranetWare is a Java Deployment Platform

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Novell Services

Directory (NDS)	Collaboration (GroupWise)	Border Server	Net Mgmt (ManageWise)

Portable Networking Services Fabric

IntranetWare	Other Host Platforms

Java Enabled

**Network Services
not just
NetWare Services**

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Novell Delivers "Value"

- ◆ Interoperability
- ◆ Lower Cost of Ownership
- ◆ Security and Manageability
- ◆ Performance & Reliability

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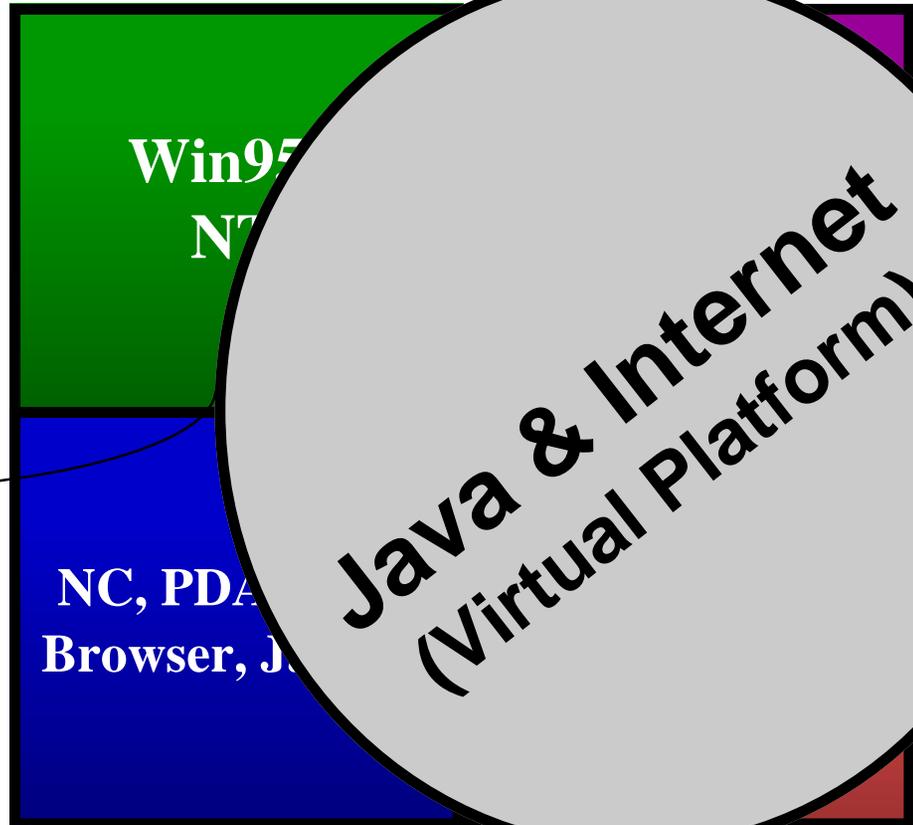Sun's 1997 Worldwide Java Developer Conference™

Demo: Java, CORBA, Oracle, JDBC™ on IntranetWare and JavaStation™ Client
by Eric Burkholder
Corporate Integration Manager

Operating System Focus

Desktop   Server

**Win95,
NT**   **NT,
UNIX**

**Thin Platform + JVM
=
High Performance Java**

JVM   **JVM**
+   +
NC, PDA, kiosk   **IntranetWare**
Browser, JavaOS

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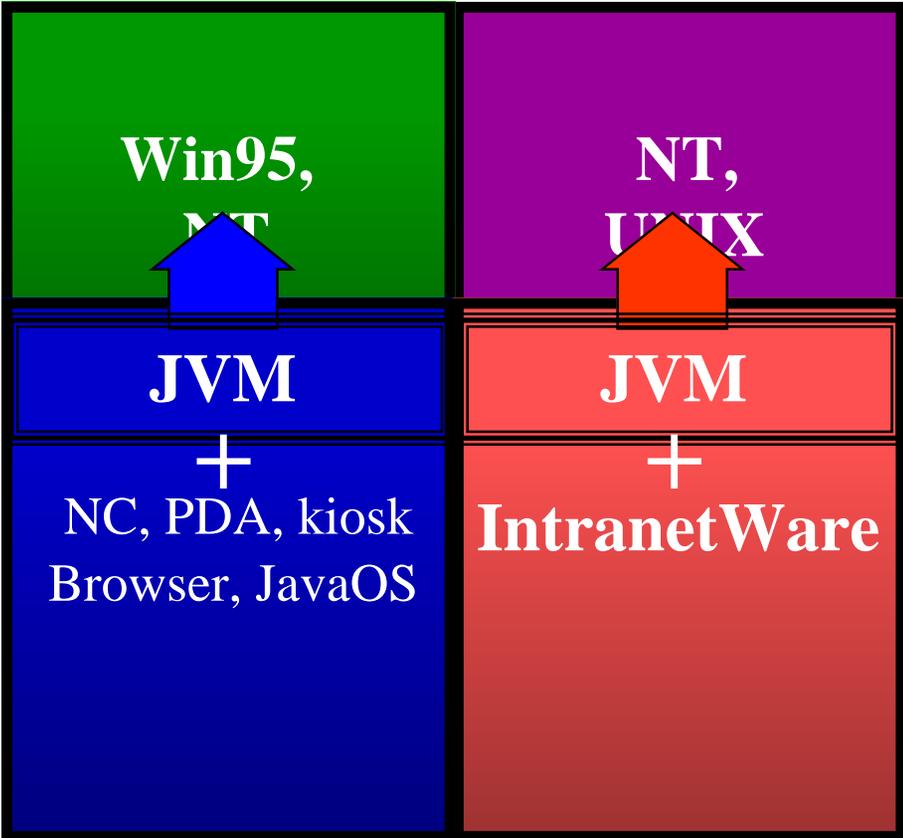
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Demo: Directory Enabled App
Novell Border Server
by Jim Thatcher
Software Engineer

Novell & JavaSoft

Strategic Partners

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◆ First Server licensee of Java (3/96)

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- ◆ First Server licensee of Java (3/96)
- ◆ API Collaboration
  - ◆ Java Management API
  - ◆ Java Telephony API
  - ◆ Internationalization (UNICODE)
  - ◆ Java Speech
  - ◆ Java Printing (underway)
  - ◆ JNDI + others

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Java Accessing Directories

Java Naming and Directory Interface

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Java Accessing Directories

Java Naming and Directory Interface

- ◆ JNDI was announced by JavaSoft 3/10 as part of Enterprise API set

Java Accessing Directories

Java Naming and Directory Interface

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◆ Novell led the design effort, using JavaSoft's open API process

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Java Accessing Directories

Java Naming and Directory Interface

- ◆ JNDI was announced by JavaSoft 3/10 as part of Enterprise API set

- ◆ Novell led the design effort, using JavaSoft's open API process

- ◆ Novell announced the industry's first implementation based on the current spec

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Java Naming & Directory Interface

Open and Extensible

Java App, Applet, or Servlet

API

JNDI

SPI

NDS

DNS

NIS

LDAP

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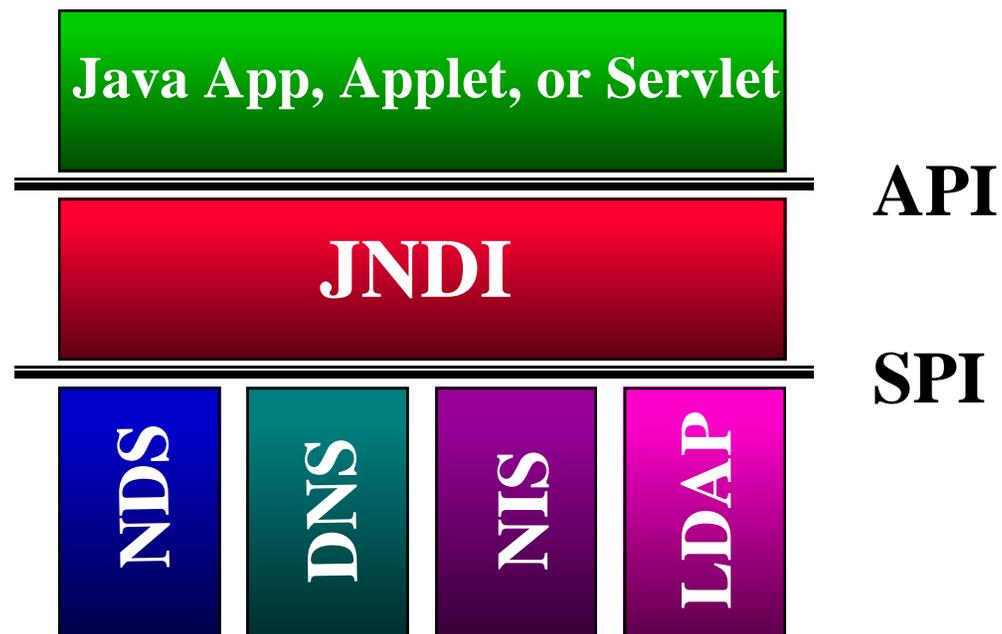
JNDI and ManageWise Demo
by Mike Flathers
Senior Software Engineer

For More Information

- ◆ Java for IntranetWare
  http://developer.novell.com/net2000/java
- ◆ JNDI Specs
  http://java.sun.com/products/jndi/
- ◆ JNDI Reference Implementation
  http://developer.novell.com/net2000/java

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GroupWise/Java Demo

by Gary Ashton

Product Line Manager,

Applications Division, Novell

GroupWise Market Position

- ◆ A proven, stable product
- ◆ Over 8 million users today
- ◆ ComputerWorld Survey, Feb 1997
  - ◆ **Topped Groupware market mindshare**
- ◆ Out of the Box easy to customize

GroupWise WebAccess

- Things you can do:
  - Create or Replace Java Applets
  - Create or Replace HTM Files
    - HTML Extensions
    - (IF, WHILE, DISPLAY, SET, INC, DEC)
  - Communicate directly via HTTP/ CGI
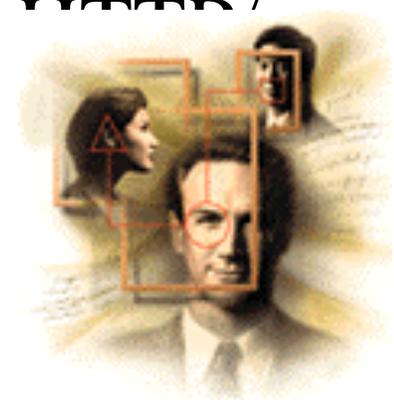
Requesting GroupWise Data via Java

◆ Java Applets can request data:
  ◆ from within an HTML template
    ◆ Name-Value pairs populate the data
  ◆ from the Web Server
   ◆ HTTP calls to the server

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GroupWise WebAccess Java Applets

◆ Login Applet

◆ Daily Calendar Applet

◆ Monthly Calendar Applet

◆ Sample Login/Folder Applet

  ◆ www.novell.com/groupwise

  ◆ select Products then SDK Info

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Novell and Java

- **Java on IntranetWare**
- **Java Workshop and Java Studio**
- **Java Applications**
  - GroupWise WebAccess
  - ManageWise Command Center
  - Border Services Administration
  - Utilities & Installation
- **JNDI Implementation**
- **JDK Open Classes Work**
- **Integrating Java and CORBA**

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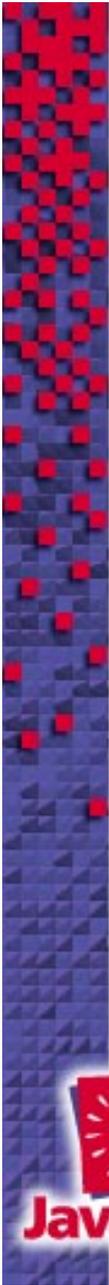
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Everything's Connected™

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