



Java, J2EE and SunONE

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Birthday

May 23, 1995

- **John Gage,**
 - Director of the Science Office for Sun Microsystems, and,
- **Marc Andreessen,**
 - Cofounder and then Executive Vice President at Netscape™
- **announced that Java™ technology was real, was official, and it was going to be incorporated into Netscape Navigator™.**



Features of Java the Language

- **“Pure” Object Model**
- **Virtual Machine**
- **Safe Memory Model**
- **Garbage Collector**
- **Byte Code - Mobile Code**
- **Critical Sections and Synchronisation Monitors**
- **Many Optimisation Models**
- **JavaDoc**
- **“Write Once, Run Everywhere”**

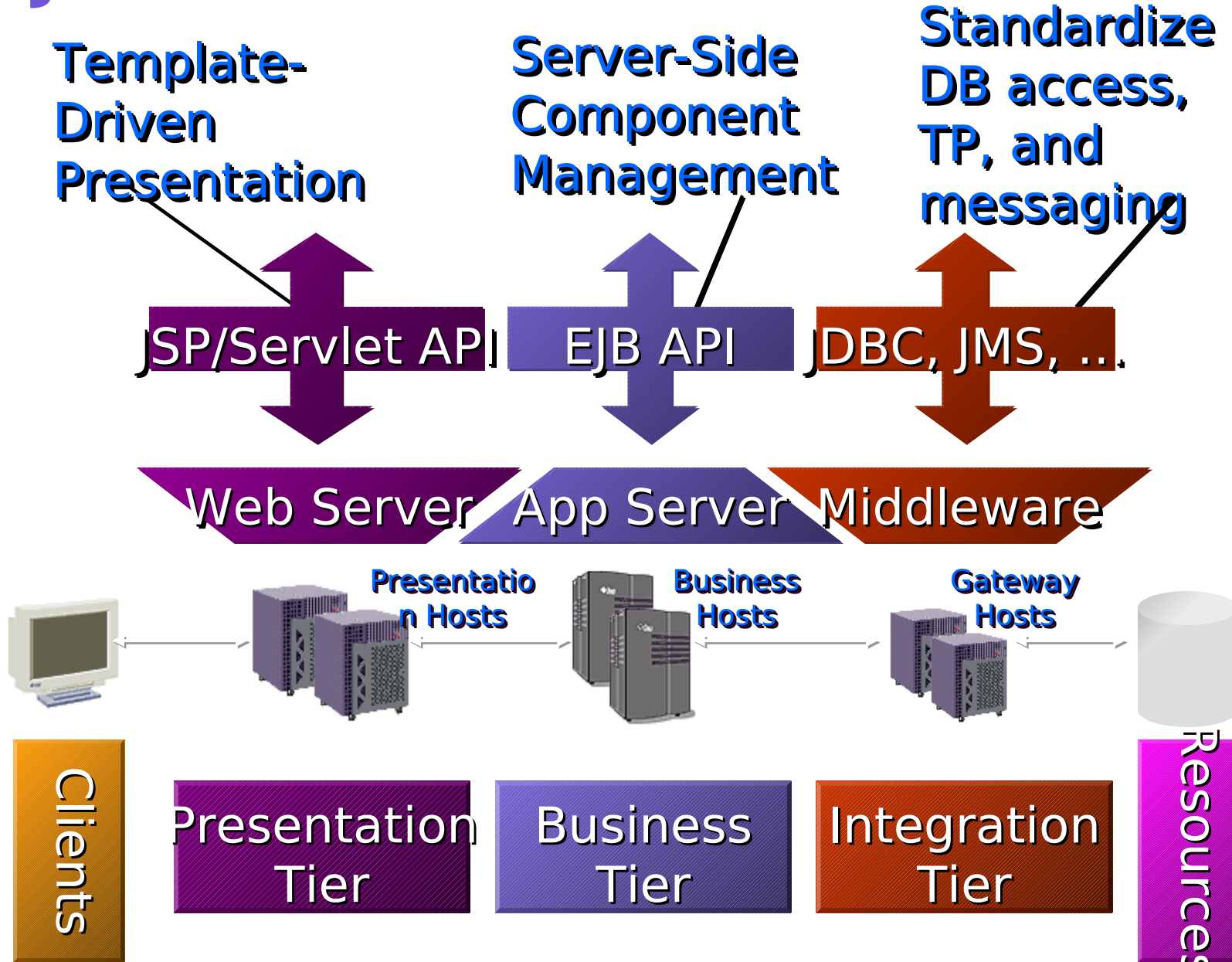


Events in the Life of Java

- **Java 1.0.2, 1996**
- **First JavaONE Conference, 1996 (4 000)**
- **Java 1.1, 1997**
- **Second JavaONE Conference, 1996 (10 000)**
- **Java 1.2, 1998 (Java 2)**
- **Third JavaONE Conference, 1996 (15 000)**
- **Fouth JavaONE Conference, 1996 (20 000)**
- **Fifth JavaONE Conference, 2000 (27 000)**
- **Java 2, 1.3, 2000**
- **Java 2, 1.4, 2001?**

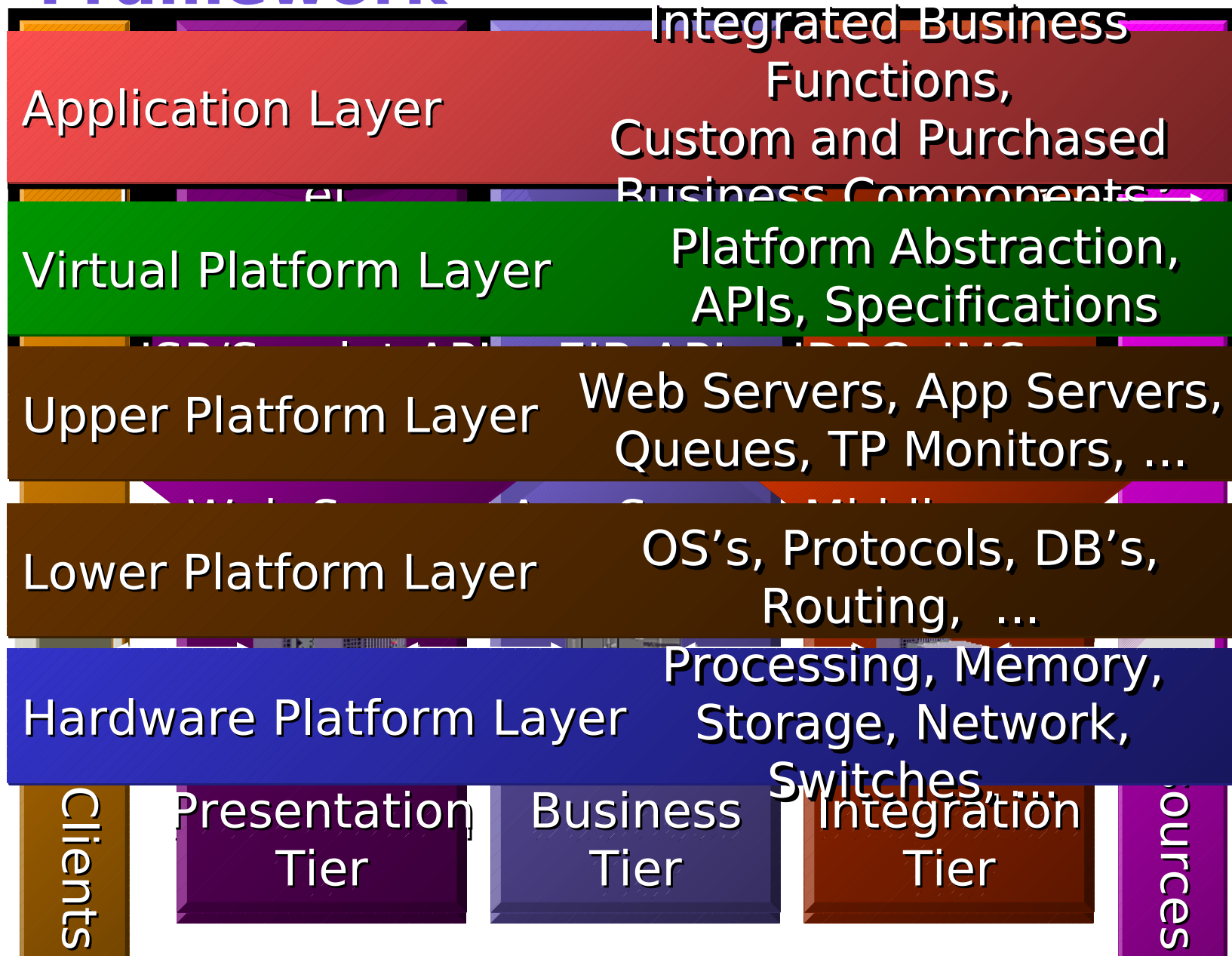


Java in the Tiered Architecture

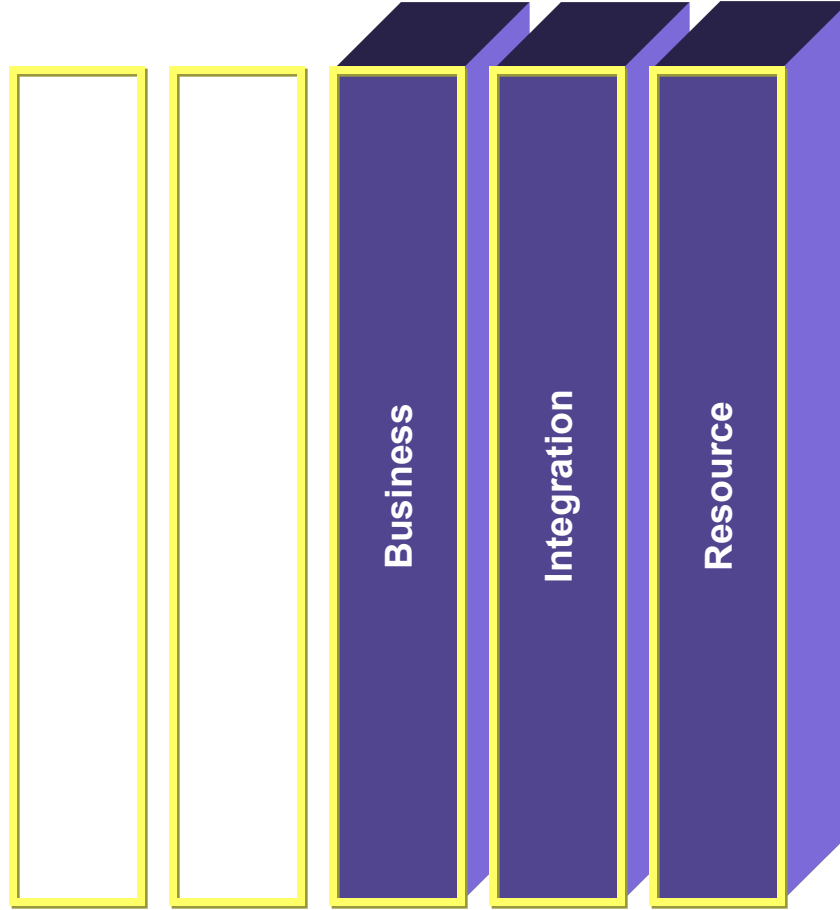




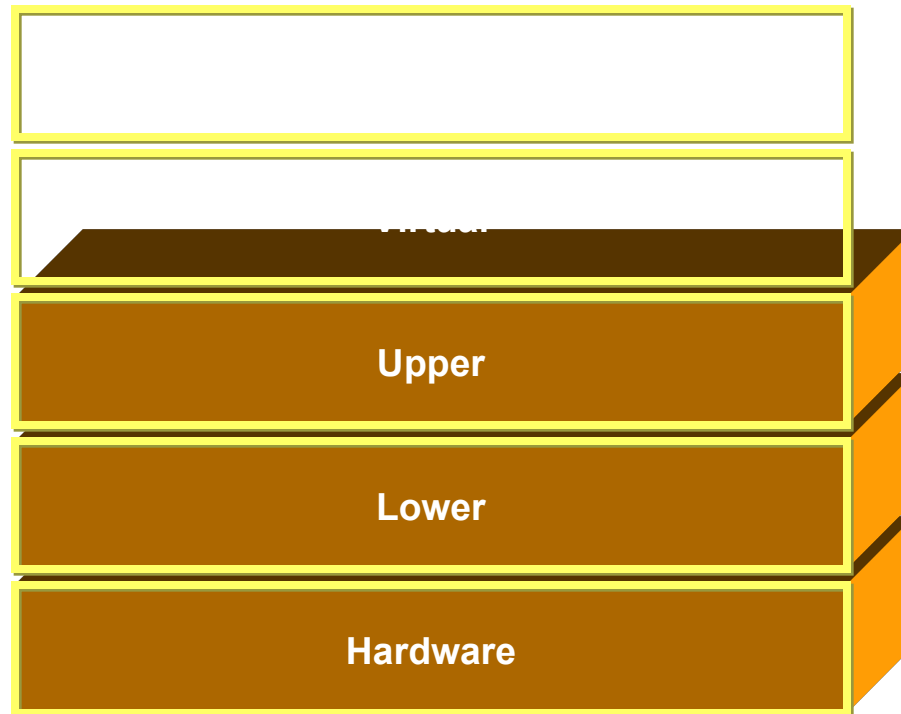
Application Architecture Framework



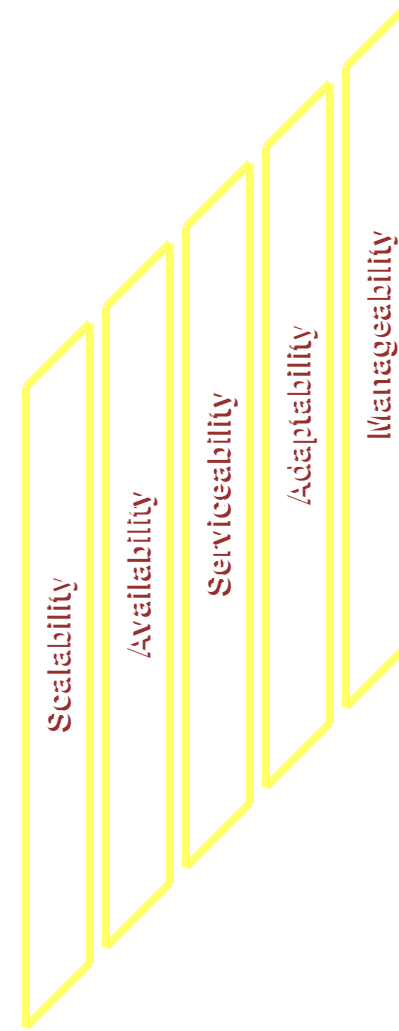
Tiers



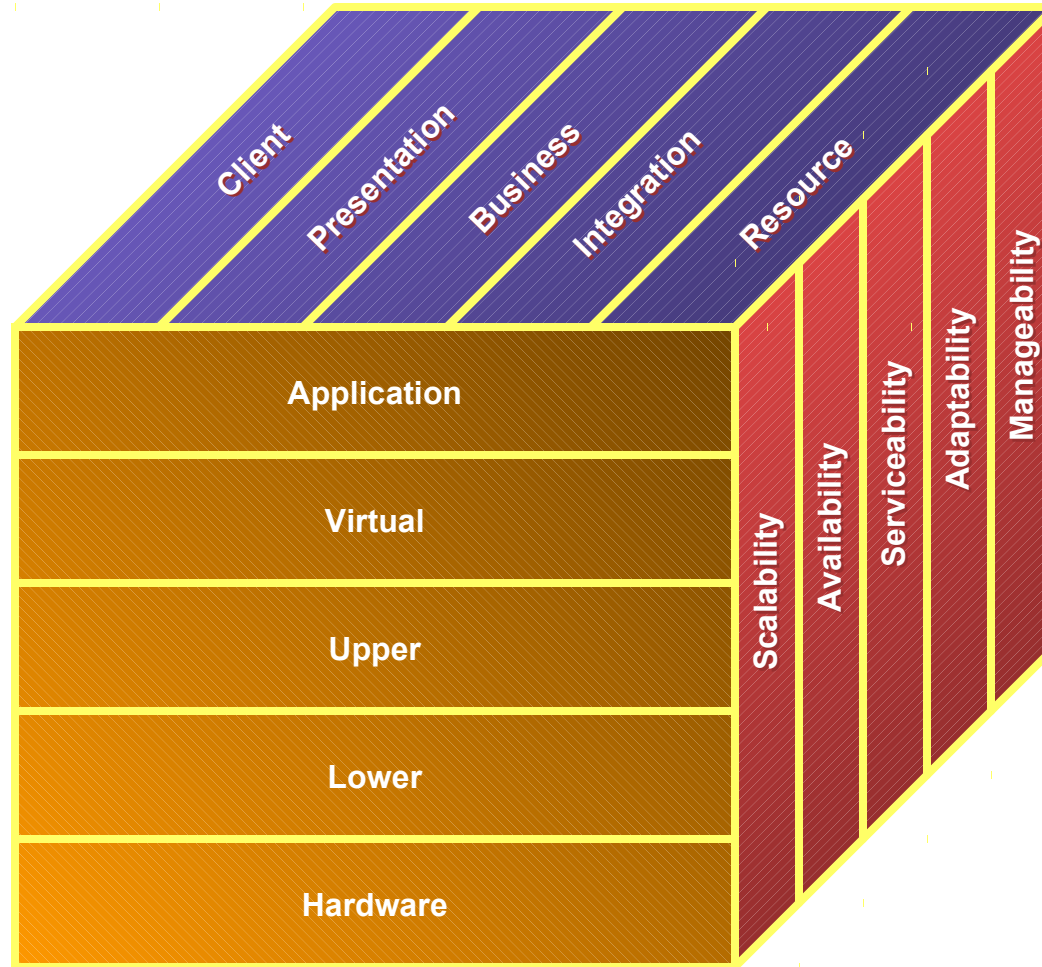
Layers



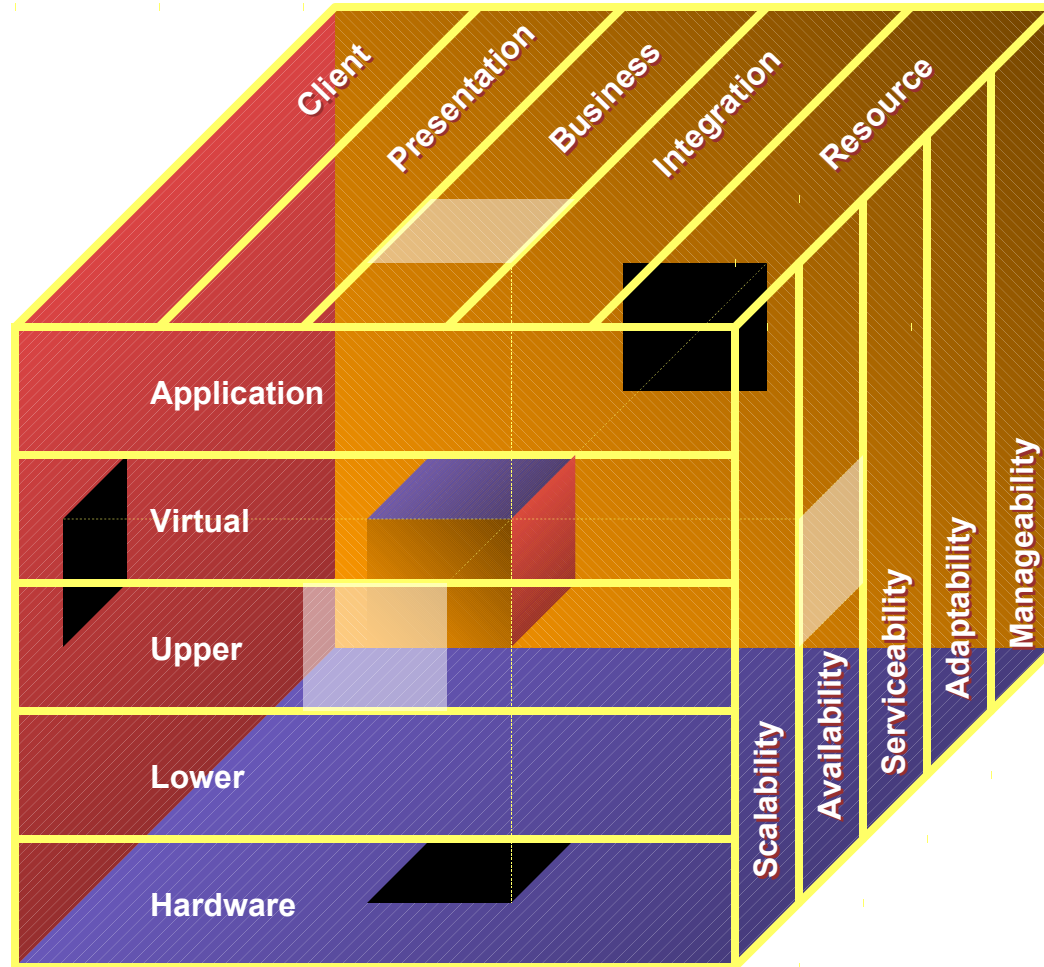
Systemic Qualities



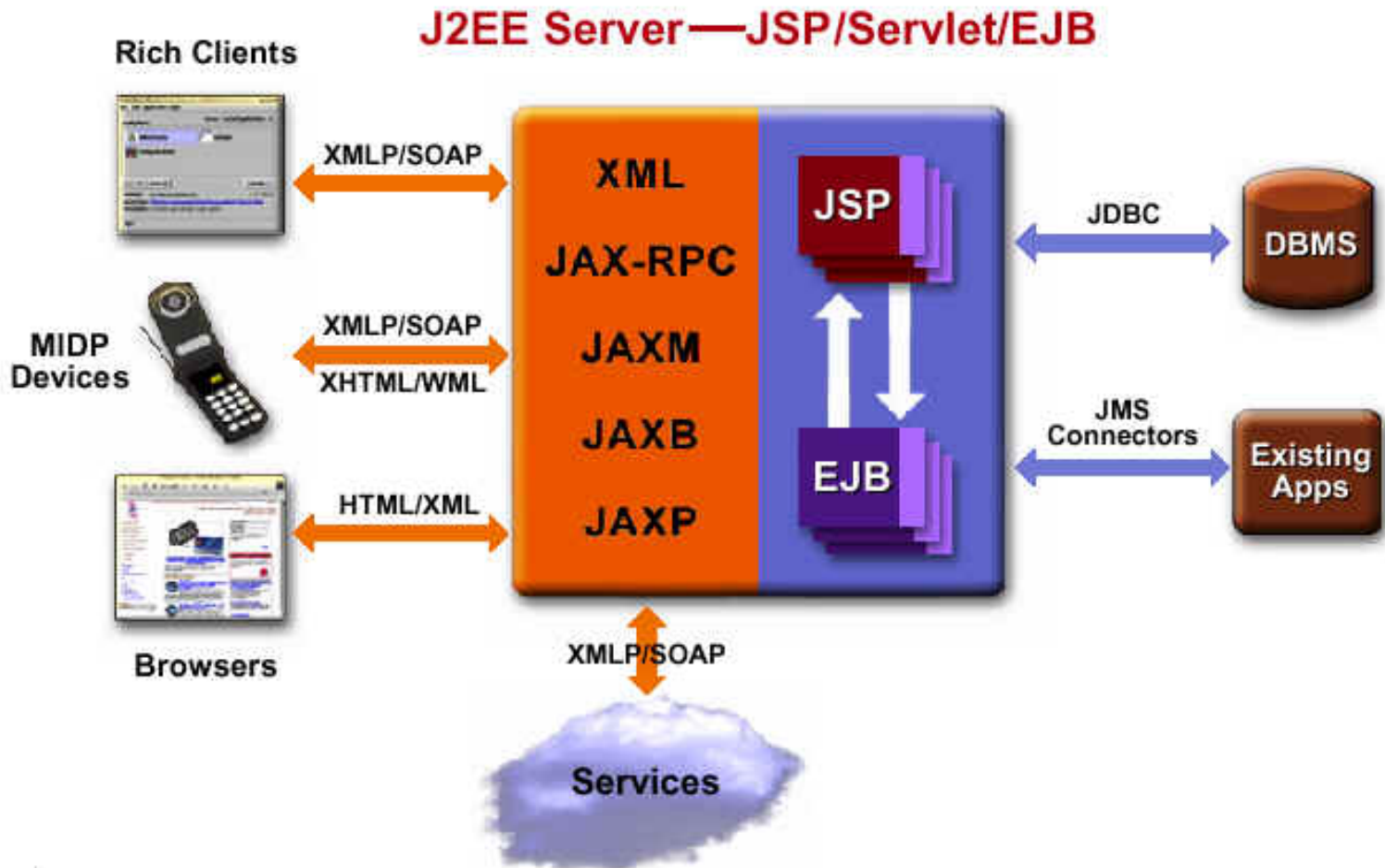
Architectural 3 Dimensional Methodology - 3DM



Using the 3DM



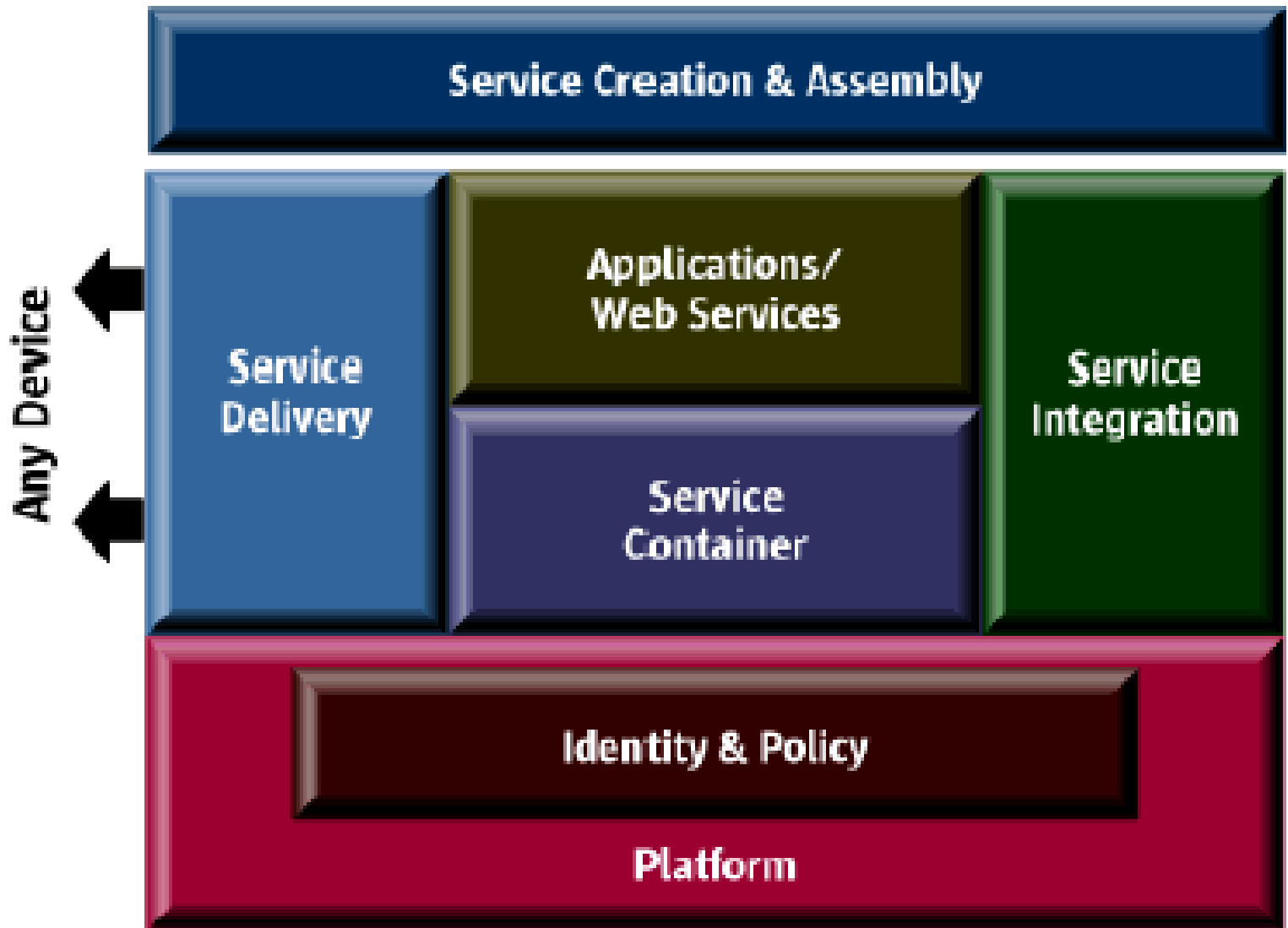
Java Technology Web Service Model



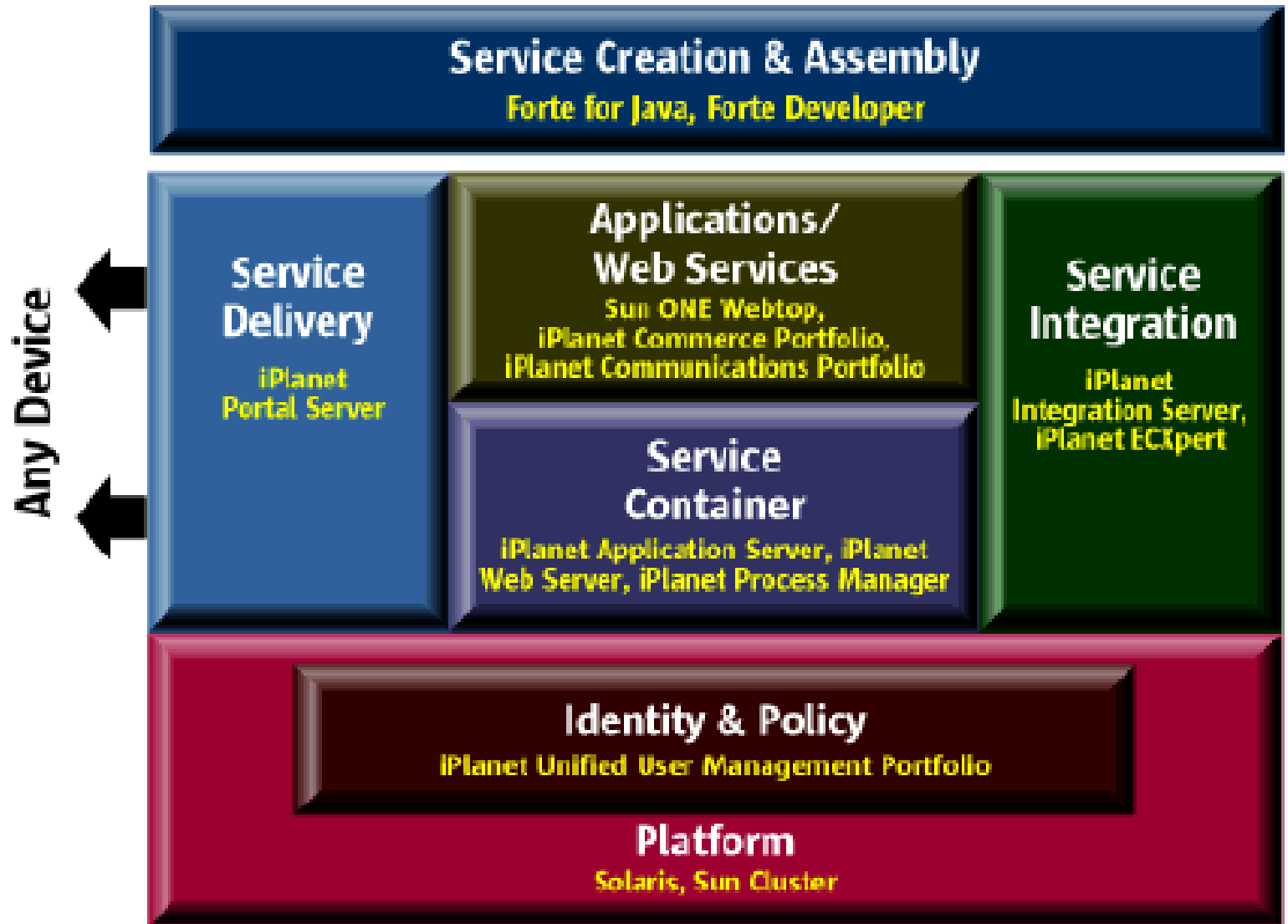
JXTA Model



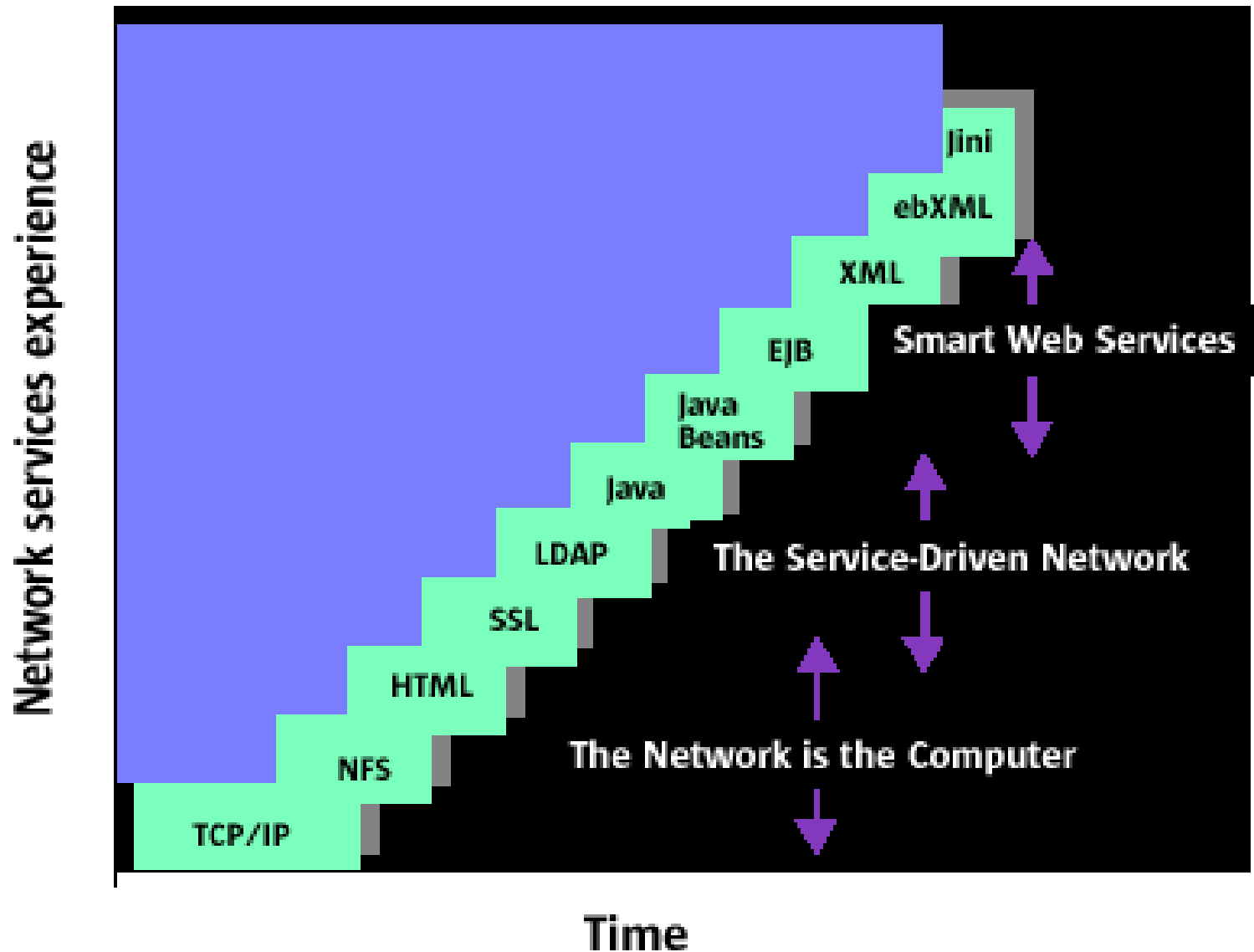
Sun ONE Architecture



Sun ONE Product Implementation



Road to Smart Web Services



Java Community Process

