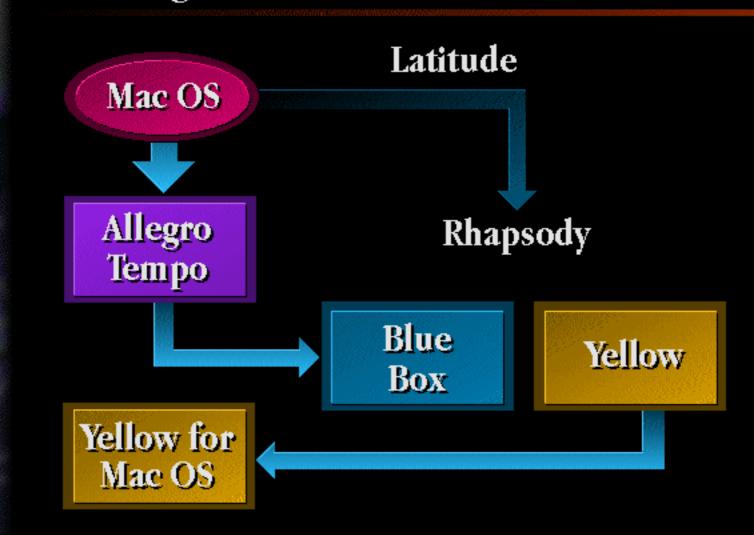


Making the Move







Supported Platforms

Yellow Box

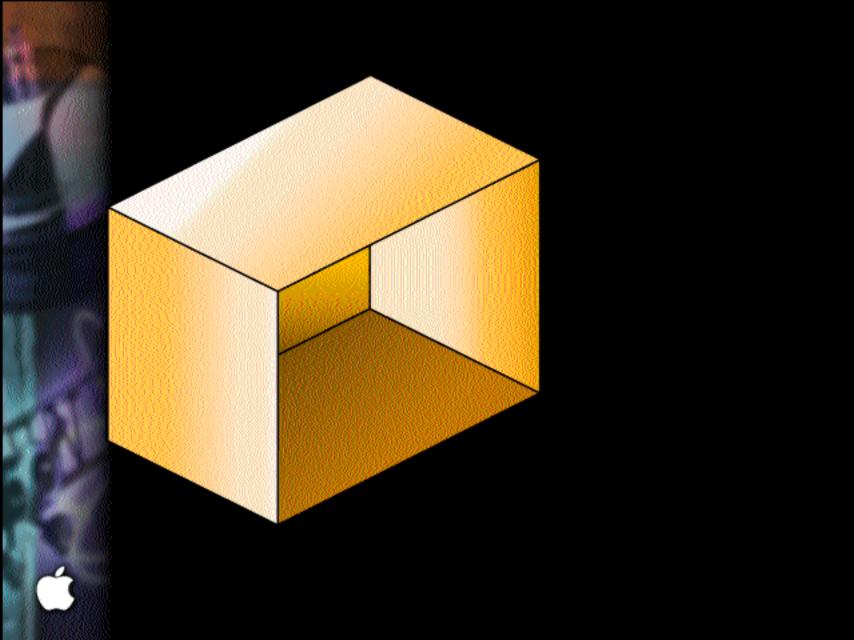
Rhapsody

Rhapsody for Intel

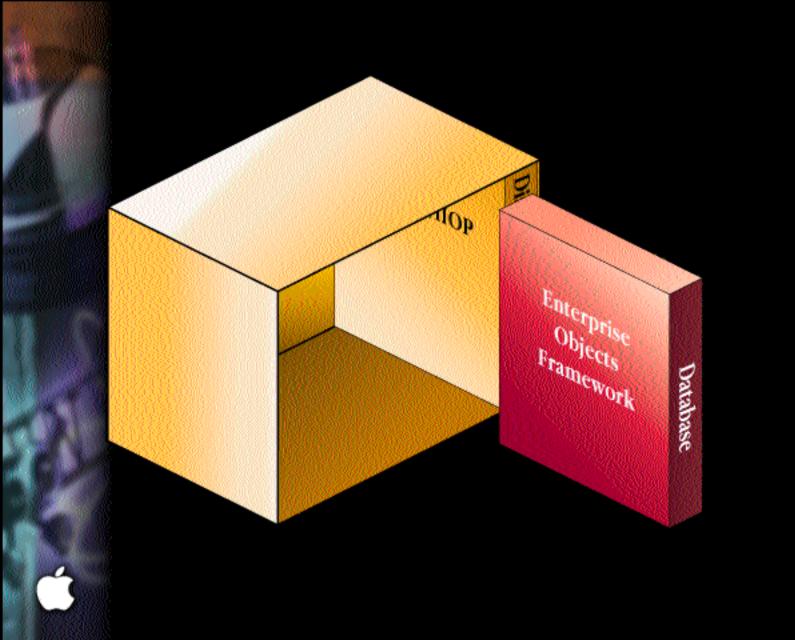
Mac OS

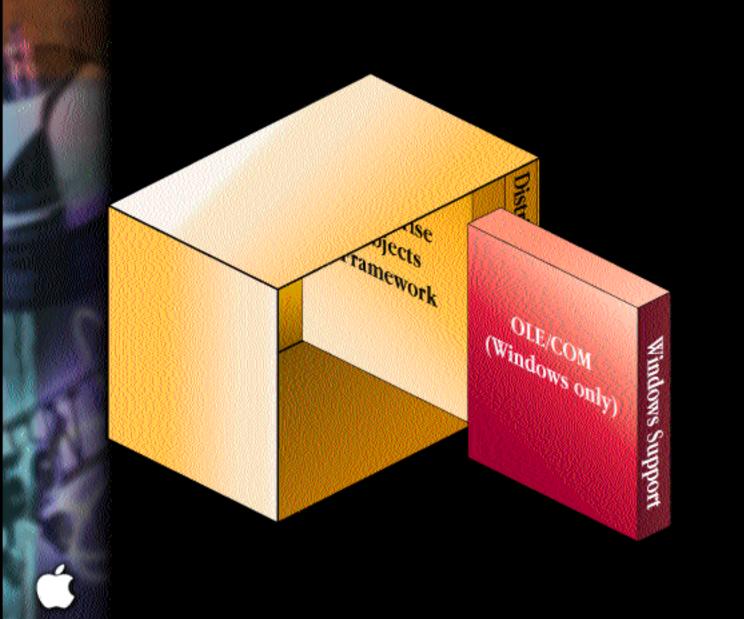
Windows 95

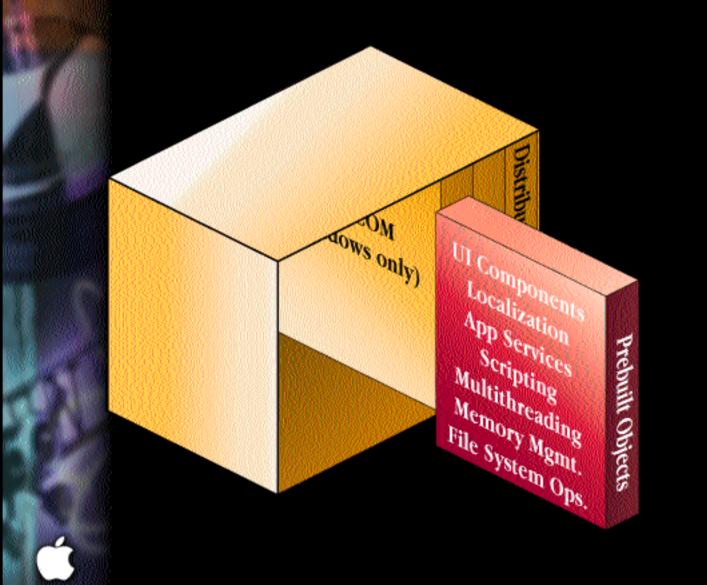
Windows NT

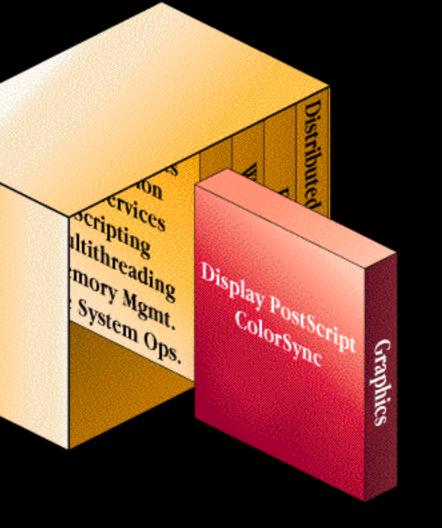


CORBA/IIOP Distributed Computing







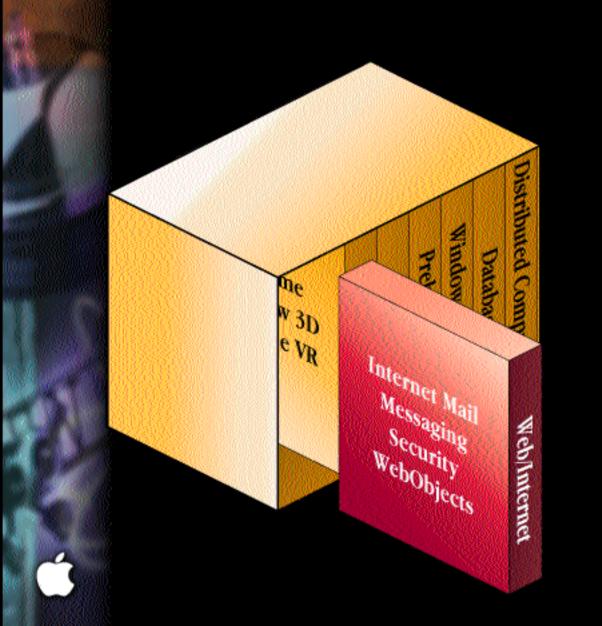


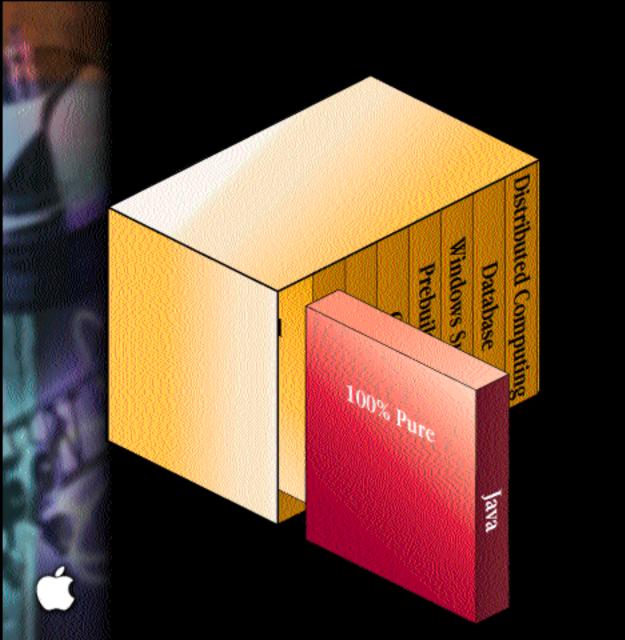


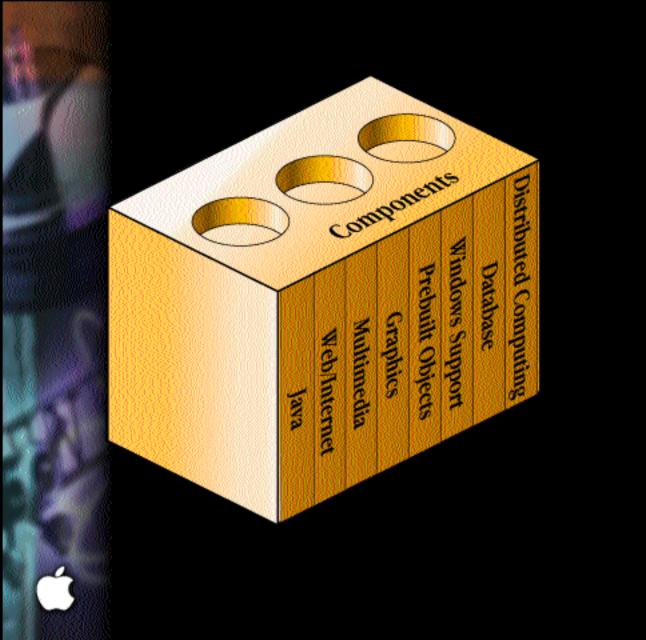
QuickTime QuickDraw 3D QuickTime VR

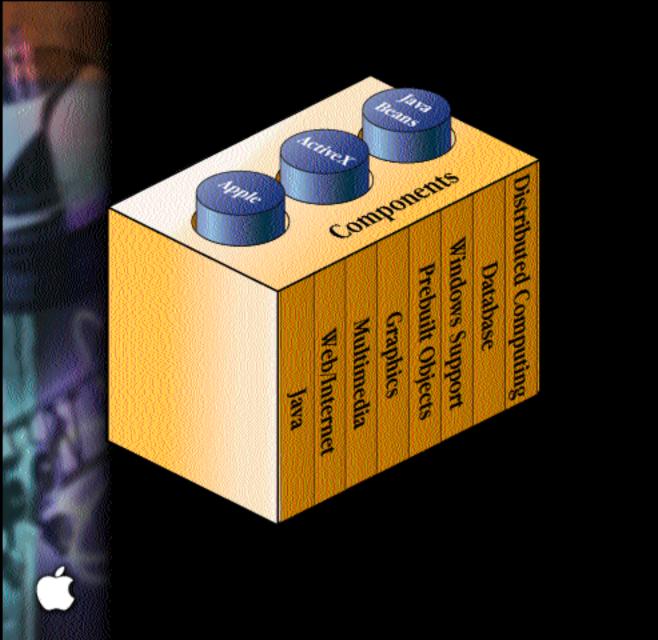
ostscript) prsync













Why Cross-Platform?

- Leverage future investments
 - Write once, reap many
- Develop for mixed environments
- Reduce the risk of adopting Rhapsody



Why Another Development Platform?

- Microsoft's Win32 Platform
 - Not cross-platform
 - Very low level API
 - Difficult to program
- Sun's Java Platform
 - LCD solution
 - Not designed to integrate with OS and desktop specific features (sand box)
 - Not ready for mainstream application development and deployment



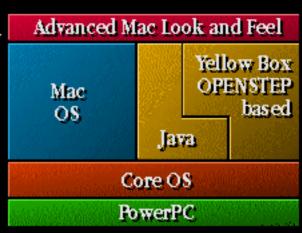
Cross-Platform Goals

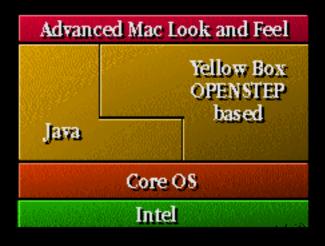
- Rhapsody + Windows + Mac OS = 99% market share
- Same API on all platforms
 - Constrained by underlying OS (e.g. threads)
- Native look and feel
- Tight integration with other applications and system services
- Full functionality
 - Not an LCD solution
- Native performance



Rhapsody Goals

- The best host for Yellow Box applications (e.g., user experience, speed...)
- Native frameworks
- Intel vs. PowerPC issues
 - MacOS compatibility
 - Plug and Play







Windows Goals

- Full support for Windows NT and 95
- First class Windows citizen
 - Qualify for "Designed for Windows
 NT® and Micros
 Windows®
 95" Logo





Windows Goals (cont.)

- True Windows look and feel
 - Windows dialog boxes
 - Drag & drop, cut & paste
 - TrueType fonts support
- OLE/COM and DCOM integration
- ActiveX support
- Use Yellow Box controls when they add value, otherwise use native controls



Mac OS Goals

- First class Mac OS citizen
- True Mac OS look and feel
- Not completely defined yet!
 Stay tuned...

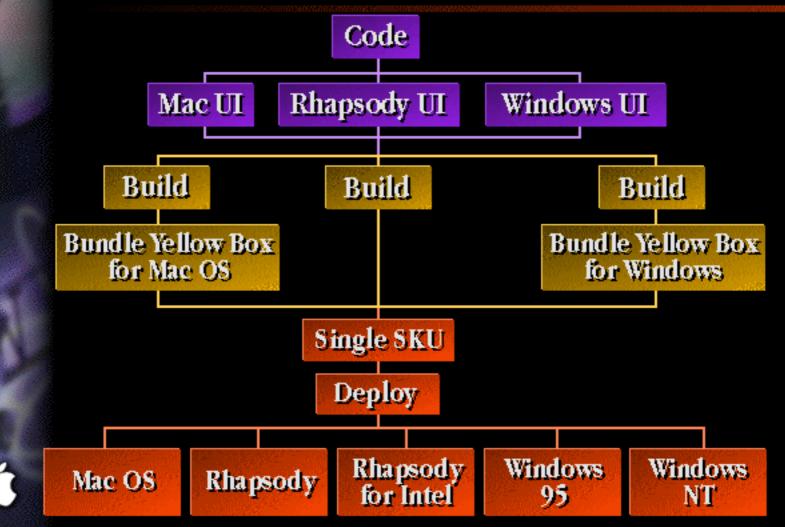




Same Tools Across Platforms

- Project Builder
- Interface Builder
- EO Modeler
- Compilers

The Development Cycle





Distribution of Yellow Box Applications

- Applications easy to distribute
 - Single SKU for all platforms and all languages
- Yellow Box available everywhere
 - Yellow Box part of Rhapsody
 - Yellow Box free for Windows and Mac OS



Avoiding the LCD Effect

- With other cross-platform solutions
 - Only a subset of native controls
 - Use of non-native controls
 - Applications work in a sand box
 - One UI often more prominent
 - Impact on speed



Taking Advantage of Native Features

- Rhapsody/Mac OS
 - Integration with Finder
 - Support Mac file formats
- Windows
 - Pasteboard integration
 - OLE/COM
 - ActiveX
 - Access to Win32
 - Windows dialog boxes
 - Microsoft Windows logo



Demo

- Build on Rhapsody for Intel
- Run on Rhapsody for Intel
- Build on Yellow Box for Windows
- Run on Windows NT
- Run on Windows 95



Real World Demo

Caffeine Software TIFFany

- Rhapsody for Intel
- Windows NT

