

Welcome

To Advance through Presentation  
Use Page Up and Page Down Keys



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# Mac OS 8 Overview

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Worldwide Product Marketing

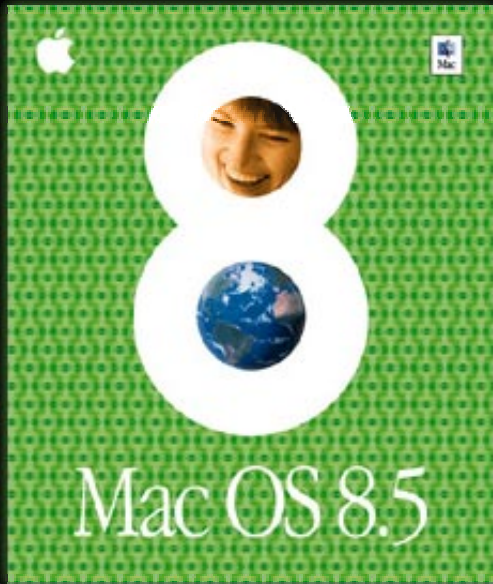
# Agenda

- Update on Mac OS
- Sneak Peek at Sonata
- Making It Happen



# Mac OS 8.5

*The “Must Have” Upgrade*



- Sherlock
- Fastest network performance
- Native AppleScript
- Up and running in minutes
- More...



# Success of Mac OS 8.5

- Over 1.7 million units
- Installed base of almost 3.6 million
- 70% of users upgraded in < 30 minutes
- 87% satisfaction rate
- Two-thirds of customers use Sherlock



# Who Upgrades?

- 90% of Mac OS 8.5 upgraders are online
- Most are recent purchasers
- 60% share their computer with others
- 51% have more than one computer
- 74% have 64MB of RAM or more



# Why Do They Upgrade?

- Novice users upgrade to stay current
- Performance and reliability
- #1 feature—Sherlock



# Mac OS 8.6

*Faster. Smarter. Far More Clever.*



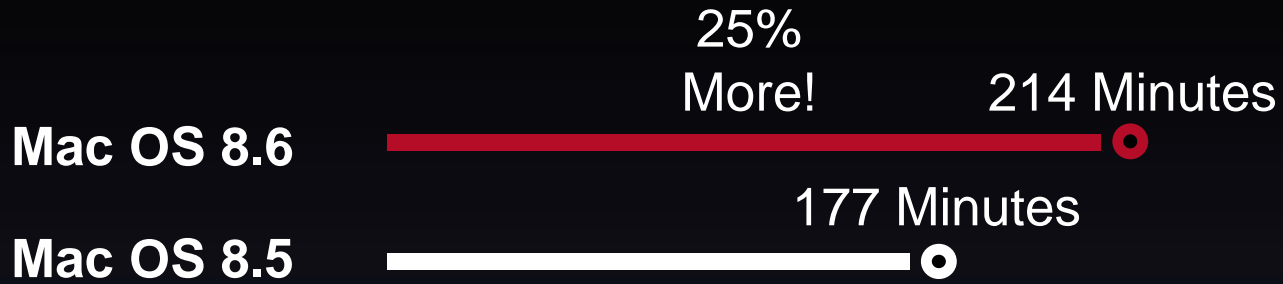
- More battery life
- Sherlock
- ColorSync
- URL Access and AppleScript
- Java
- Increased stability



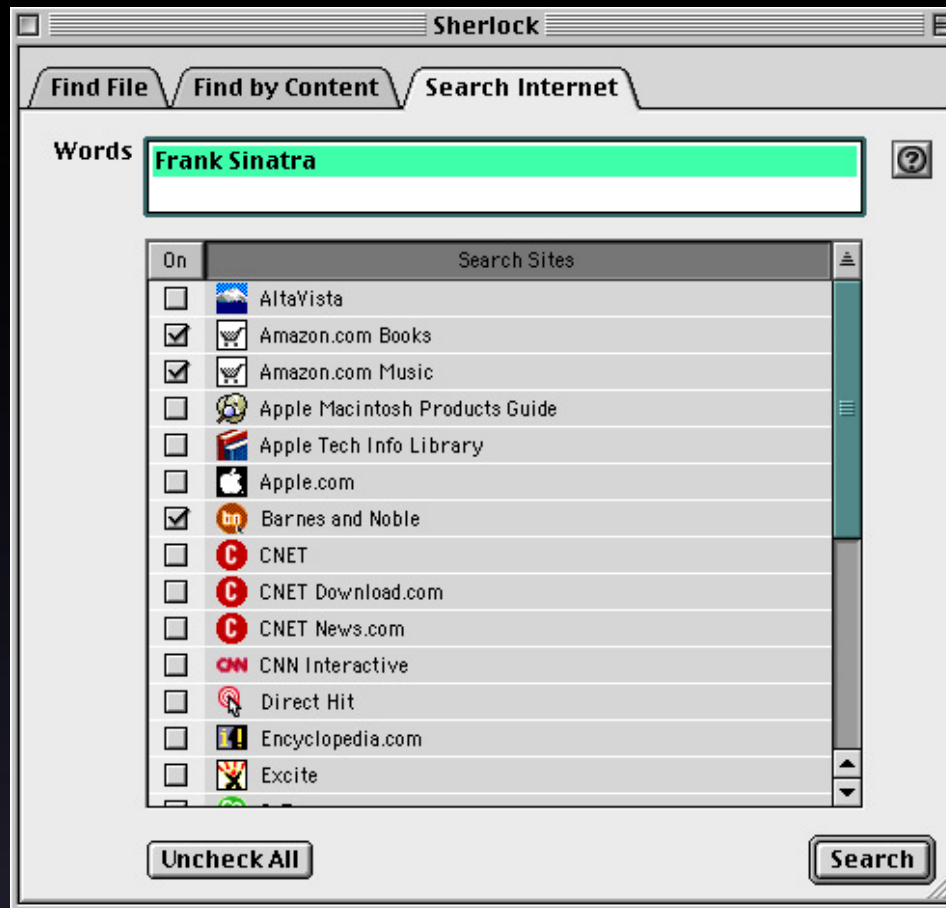


# Great Battery Life

*Your mileage may vary.*



# Enhanced Sherlock



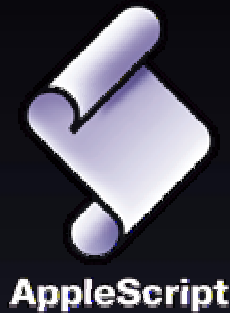
# ColorSync



- 18 new AppleScripts
- Get ICC profile info
- More profiles
- JPEG and GIF file formats



# URL Access and AppleScript



- AppleScript
  - Schedule automatic tasks
- Automate Internet tasks
  - Uploading/downloading
  - Posting forms



# Mac OS Runtime for Java

- Performance
  - Up to five times faster
- Compatibility
  - JDK 1.1.7 compliant
  - Runs today's real-world Java applications
- Extending Java functionality
  - AppleScript, QuickTime, and Swing



# Apple Help

- HTML-based help
  - HTML tools just work
  - Eases cross-platform help development
- Supports QuickTime and AppleScript
- Uses Sherlock to index and search content
- SDK is seeding now



# Game Sprockets



# Other Enhancements

- Speech recognition supports iMac and '99 G3
- Font control and print job logs
- Store more with DVD-RAM discs
- Support for more USB and FireWire devices
- Updated Apple System Profiler
- Internet access using PowerBooks and IrDA-capable phone
- MP Library





How do you get  
Mac OS 8.6?



# Mac OS 8.6

*Faster. Smarter. Far More Clever.*



- 8.6 updater available **FREE** on the web
- 8.6 updater CD-ROM for \$19.95 US
- 8.6 full install CD-ROM for \$19.95 with 8.5 proof of purchase



We Expect...



# *Sonata*

sneak peek



# Sherlock II

# Multi-User



# Sherlock II

**Sherlock**

The Sherlock browser interface features a top toolbar with icons for various services: a hard drive, a globe, a woman's face, the Apple logo, a magnifying glass, a green money bag, a stack of papers, and another globe. Below the toolbar is a search bar containing the text "A Bug's Life" and a magnifying glass icon. The main content area displays a table of search results with columns for Name, Price, and Availability. The results list various items related to "A Bug's Life", including plush toys, merchandise, and DVD editions. The selected item is "A Bug's Life" priced at \$24.49. Below the table, there is a detailed view of the selected item, showing the title "A Bug's Life (1998) ~ DVD ~ Usually ships in 24 hours", the cast "Dave Foley, Julia Louis-Dreyfus", the price "\$24.49 ~ You Save: \$10.50 (30%)", and a link to "Read more about this title...".

**A Bug's Life**

Name	Price	Availability	
"A Bugs Life" Plush Toy (PIC)	\$4.00	—	
"The BUGS" From (A Bugs Life) ...	\$7.99	—	
A Bug's Life	\$17.99 ~	Usually ships in 24 hou...	wv
<b>A Bug's Life</b>	\$24.49 ~	Usually ships in 24 hou...	wv
A Bug's Life	\$2.63,	In-Stock: Ships within ...	shop
A Bug's Life (1998) - Spanish I...	\$22.99 ~	—	wv
A Bug's Life (Widescreen Edition)	\$17.99 ~	Usually ships in 24 hou...	wv

**A Bug's Life** (1998) ~ DVD ~ Usually ships in 24 hours  
Dave Foley, Julia Louis-Dreyfus  
Our Price: \$24.49 ~ You Save: \$10.50 (30%)  
[Read more about this title...](#)



# Sherlock II

- New UI
- Channels
  - Search, news, sports, etc.
  - Shopping
  - People (LDAP)
- Flexible results display



# Multiple Users





# Protection

- Access controls on user folders
- On-disk encryption
- Voiceprint log-in



# Sharing Your Computer

- User log-in
- Individual user preferences
  - System
  - Internet
  - Applications
- Controlled application access
- Shared folders



# Keychain

- Manages user ids and passwords
- Currently manages...
  - AppleShare servers
  - Secure Compression files
  - Visionary applications
  - Your application!





# Sonata Demo

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Steven Glass  
Vice President  
Mac OS Engineering

# But There Is More

- Desired features list was very long
- Features still in is still long
- And it will continue to change



# How Do We Do It?

- Proven formula
- Stay focused



# Our Recent Past





# How Do We Do It?

- Hard work
- Stable work force
- Control feature set
  - Size the work to stay predictable
  - Incremental improvements
- Working with customers and developers to make the right choices



# Continued Focus and Priorities

- Stability
- Performance
- Valuable features for customers  
and developers
- Support current and new technologies





# Important Directions

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# Supporting Hardware

- USB enhancements
- FireWire enhancements
- UDF
- AltiVec



# Embracing TCP/IP

- Infrastructure
  - Updated Mentat code
  - Faster end-point creation and tear down
- Improved DHCP
- Browsing
  - Any domain
  - Web, FTP, AppleShare IP, file sharing
  - Navigation Services



# Memory and Storage

- File Manager APIs
  - Support for long file names and big files
  - Thread safe file I/O
  - Number of open files
- Greater memory limits
  - Physical and VM



# Getting Ready for X

- CarbonLib
- Core Foundation
- App Packaging
- Font Management APIs



# Our Future

- The future starts today
- A3 build of Sonata is available
  - On the developer seed site
- Compatibility lab is open all week
  - Take Sonata home with you





# Be Part of the Future

- Download our seed releases
- Install and try our seed releases
- Provide feedback
- Try your applications
- Provide feedback
- Start adopting new features
- Provide feedback



# Review

- Many Topics
- Lots of high-level information
- Many details follow



# Roadmap (Mon./Tues.)

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## **Apple Help**

HTML-based Help

Hall A2  
**Mon., 4:00pm**

---

## **Supporting Unicode Text**

Hall C  
**Tues., 1:00pm**

---

## **Font Management for Applications**

Hall C  
**Tues., 2:30pm**

---

## **Maintaining and Extending Fonts**

Hall C  
**Tues., 4:00pm**

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# Roadmap (Wed.)

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## **AppleScript**

How We Won the Eddy Award

Hall A2  
**Wed., 9:00am**

---

## **Meet the VPs**

Feedback Forum

Hall J2  
**Wed., 1:00pm**

---

## **Game Sprockets in 1999**

Hall C  
**Wed., 1:00pm**

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## **HLTB**

Navigation Services Update

Hall 2  
**Wed., 2:30pm**

---

## **Security APIs**

Keychain

Hall C  
**Wed., 2:30pm**

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# Roadmap (Thurs.)

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**Icon Services in Mac OS 8 and X**

Hall A1  
Thur., 9:00am

---

**Apple Service Location Strategy**

Network Service Location

Hall A2  
Thur., 9:00am

---

**Open Transport Update**

Network Setup

Hall A2  
Thur., 1:00pm

---

**Extending AppleScript**

Hall B  
Thur., 1:00pm

---

**ColorSync 2.6 and Beyond**

Hall A2  
Thur., 2:30pm

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**File Manager Changes  
in Mac OS 8**

Hall 2  
Thur., 2:30pm



# Roadmap (Fri.)

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**What's New in the NanoKernel**

Hall A1  
**Fri., 10:15am**

---

**Sherlock Content and  
Internet Plug-ins**

Hall A1  
**Fri., 1:00pm**

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**Speech**

From “Point-and-Click” to “Ask-and-Tell”

Hall 2  
**Fri., 4:00pm**





Think different.<sup>TM</sup>



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