



# Tech Info Library

## HyperCard 2.3: Technical Specifications (7/96)

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Security: Everyone

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TOPIC -----

The following article contains a list of technical specifications and order information for HyperCard 2.3.

DISCUSSION -----

Technical Specifications  
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Complete support for scripting languages  
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- Add power and versatility to HyperCard applications using HyperTalk—HyperCard's scripting language— or any scripting language compatible with the Open Scripting Architecture (OSA), such as AppleScript
- Attach AppleScript scripts to HyperCard objects such as buttons to launch and control other applications, exchange data with them, and so on— even over a network
- Link HyperCard stacks with any of more than 100 script-able applications, such as Claris FileMaker Pro 2.0 and Microsoft Excel 4.0 (applications must be running under System 7)
- Use localized versions of AppleScript system extensions to script in Japanese, French, or other languages (requires additional software)

Multimedia features  
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- Add QuickTime movies to stacks using the QuickTime Tools stack
- Include sound, animation, and graphics in your stacks
- Have HyperCard text read aloud by your computer

Color drawing and painting tools

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- Choose from 256 colors to apply to buttons, fields, backgrounds, and cards
  - Import 24-bit color or grayscale PICT graphics
  - Resize, reposition, and edit graphics on the card
  - Create PICT images with 24-bit color painting tools

#### Automated Button Tasks

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- Automatically assign tasks to buttons without writing a single script
- Go to another destination (first card, previous card, home, or others)
- Play a QuickTime movie
- Play a sound
- Have text read aloud (using PlainTalk software)
- Launch another application
- Apply visual effects for transitions between cards

#### Powerful development features

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- Third-party external commands (XCMDs) let you control a wide variety of systems and equipment, including mainframe computers, networks, videodisc players, and CD-ROM drives.
- Hypertext applications can be created by linking a word or group of words.
- Modeless script editor lets you view several scripts and stacks at once and quickly copy and paste HyperTalk or AppleScript code between them.
- Debugging menu lets you set checkpoints in, and step and trace through, a HyperTalk script while it's running, for fast and easy troubleshooting.
- Background processing lets you continue working in other applications while complex scripts are running or while you compact or sort a stack.
- Variable Watcher shows how variables are used and changed and lets you edit variables while debugging your script.
- Message Watcher lets you view HyperTalk messages as they're sent, so you can see how your program's logic really works.
- "Save as" options let you create stand-alone applications or ones that can run using HyperCard Player (widely available on Macintosh systems).

#### Flexible formatting and reporting

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- Design multiple report layouts for each stack—and copy and paste report formats between stacks
- Control the content, appearance (including font, size, and style), and placement of text elements in report formats
- Create card sizes ranging from 1 by 1 inch to 18 by 18 inches
- Print individual fields, selected parts of a card, a single card, selected

cards (containing a certain word, button, or background), or an entire stack

#### System requirements

- An Apple Macintosh, Power Macintosh, or PowerBook computer; QuickTime Tools requires a 68020 or later processor; text-to-speech function requires a 68040 or later processor
- A hard disk drive
- At least 2MB of RAM required for HyperCard 2.3; 4MB of RAM required for system software version 7.0 or later, QuickTime Tools, and AppleScript; at least 5MB of RAM is recommended when using Color Tools
- Macintosh system software version 6.0.5 or later; Version 7.0 or later required for Color Paint Tools; Version 7.1 or later required for AppleScript, HyperCard button tasks, and the stand-alone application builder
- QuickTime Tools requires the QuickTime system extension; text-to-speech function requires PlainTalk software (included) Button Tasks requires AppleScript system extension
- Multilingual HyperCard applications may require WorldScript software and/or international versions of AppleScript software

#### Ordering Information

##### HyperCard 2.3

Order No. M2365Z/B

- HyperCard version 2.3 software for 680x0-based Macintosh systems
- HyperCard version 2.3 software for Power Macintosh systems
- HyperCard reference manuals and example stacks
- AppleScript RunTime Edition software
- AppleScript Reference and sample stacks

Product specifications are subject to change. Check with your authorized Apple reseller for the most current information about product specifications and configurations.

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