



HyperCard Version 2.3

Features

Easy to use

- Organise information into convenient "stacks" of electronic cards
- Create applications quickly using ready made buttons and text fields
- Integrate QuickTime movies, graphics, sounds and spoken text into a HyperCard stack — no scripting experience required

Colour and multimedia support

- Assign colours to HyperCard elements such as buttons, fields and backgrounds
- Use 24 bit colour painting tools to create colour images and to import and resize colour PICT graphics
- Have HyperCard text read aloud by your computer*
- Add QuickTime movies, sounds and graphics to your stacks

Powerful development features

- Take full advantage of Power Macintosh™ systems with an accelerated version of HyperCard
- Use AppleScript from within HyperCard to launch, control and exchange data with over 100 scriptable Macintosh applications
- Create and customise your own menus and tool palettes
- Extend HyperCard's functionality with commercially available add-on products, including third-party external command (XCMD) software

Support for global solutions

- Use WorldScript™ system extensions* to create multilingual HyperCard solutions
- Mix different character sets (including single-byte and double-byte characters) in a single field
- Script in French, Japanese or other languages using international dialects of AppleScript software*

Stand-alone application capability

- Create double-clickable applications for customers, colleagues or students who do not have HyperCard software
- Distribute HyperCard applications freely, without software royalty fees

* Requires additional software; see system requirements

HyperCard™ software is the premier tool from Apple for creating custom software solutions for business, education and multimedia. Commercial developers, consultants, in-house programmers and end users can use HyperCard to acquire, manage and display information any way they need.

HyperCard organises information into easy-to-use "stacks" of cards through which users can navigate and search for the information they need. Simply by clicking on a button, they can view related text, see a graphic, hear a sound, watch a QuickTime™ movie or listen to text spoken out loud.

HyperCard is an ideal development tool for a wide range of applications, including multimedia presentations, front ends to host data, courseware and computer-based training materials.

Beginners can start creating stacks right away; no scripting experience is required. The new Button Tasks feature lets you automatically integrate text, graphics, video, sound, spoken text and links to other applications into your stacks without writing a single script. HyperCard also offers extensive on-line

help, as well as ready-to-use stacks, templates and elements.

At the same time, HyperCard provides a robust prototyping and development environment for professional developers. It comes with powerful scripting tools, a modeless script editor, hypertext support, debugging tools, external commands and many other features to help you create powerful custom software. Use HyperTalk™ software — HyperCard's powerful, English-like scripting language — to add power and versatility to your stacks. HyperCard also comes with the AppleScript™ scripting language. You can write AppleScript scripts that attach to HyperCard buttons to launch, control and exchange data with other off-the-shelf scriptable applications, either locally or over a network.

HyperCard provides an easy mechanism for distributing your stacks. You can save any stack as a stand-alone, double-clickable Macintosh™ application that can be distributed without software royalty fees.



Use 24 bit colour painting tools to create colour



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Ordering Information

HyperCard 2.3

- 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

HyperCard is available for volume-licensing through the ClarisPlus programme. Contact your distributor for details.



August 1994



HyperCard 2.2
March 21, 1994



Mac OS

Technical Specifications

Complete support for scripting languages

- 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 scriptable applications, such as Claris FileMaker™ Pro 3.0 and Microsoft Excel 4.0 (applications must be running under System 7)
- Use localised versions of AppleScript system extensions to script in Japanese, French or other languages (requires additional software)

Multimedia features

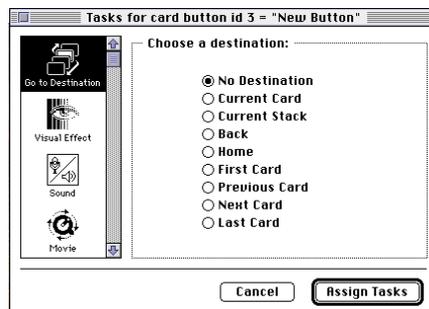
- Add QuickTime movies to stacks using the QuickTime Tools stack
- Include sound, animation and graphics in your stacks
- Have HyperCard text read aloud by your computer

Colour drawing and painting tools

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

Automated Button Tasks

- 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



The new Button Tasks feature lets you automatically integrate text, graphics and sound into your stacks without writing a single script.

Powerful development features

- 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

- 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 require 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 Colour Tools
- Macintosh system software version 6.0.5 or later; system software version 6.0.7 required for Colour Tools; system software 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)
- Multilingual HyperCard applications may require WorldScript software and/or international versions of AppleScript software

Claris International, Inc. is a distributor of Apple software products.

For further information, please call
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