

CLARIS™



MacDraw® Pro

New Features Guide

Version 1.5



MacDraw Pro

New Features Guide

Version 1.5

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Welcome

Welcome to MacDraw Pro

The MacDraw® Pro application is the powerful graphics standard for the Macintosh. MacDraw Pro version 1.5 supports System 7 features. Additionally, this version significantly improves MacDraw Pro performance.

This release of MacDraw Pro includes several new features:

- options that let you control the speed of object and text drawing
- Publish and Subscribe support, so you can create “live” links between documents, applications, and other Macintosh computers on a network, and have your changes updated automatically (when you’re using System 7)
- options that give you control over text printing precision
- QuickTime movie importing, exporting, and playing, so you can incorporate movies into slide shows to enhance your presentations
- new command shortcuts and convenient ways to work with colors, patterns, and gradients
- System 7 Balloon Help support, providing fast on-line information about menus and window functions

New Macintosh or Claris MacDraw Pro Users

If you are new to Macintosh systems or MacDraw Pro, read *MacDraw Pro Getting Started*. As you become familiar with the drawing tools and methods, practice using the application and refer to Chapters 1 and 2 of *MacDraw Pro User's Guide* if you need help.

After you learn the basics of MacDraw Pro, browse through this *New Features Guide*.

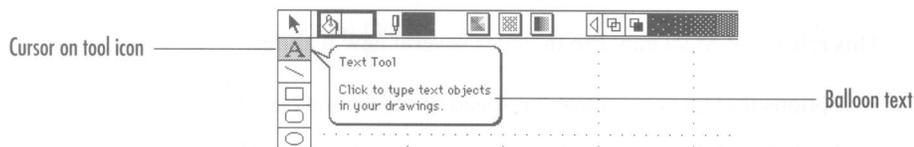
Experienced MacDraw Pro Users

If you're an experienced user of this application, you can use the new features right away. Refer to chapters 2 through 5 of this *New Features Guide*.

New Balloon Help

This version of MacDraw Pro supports System 7 Balloon Help, which is a convenient way to see brief descriptions of the commands and tools you'll use.

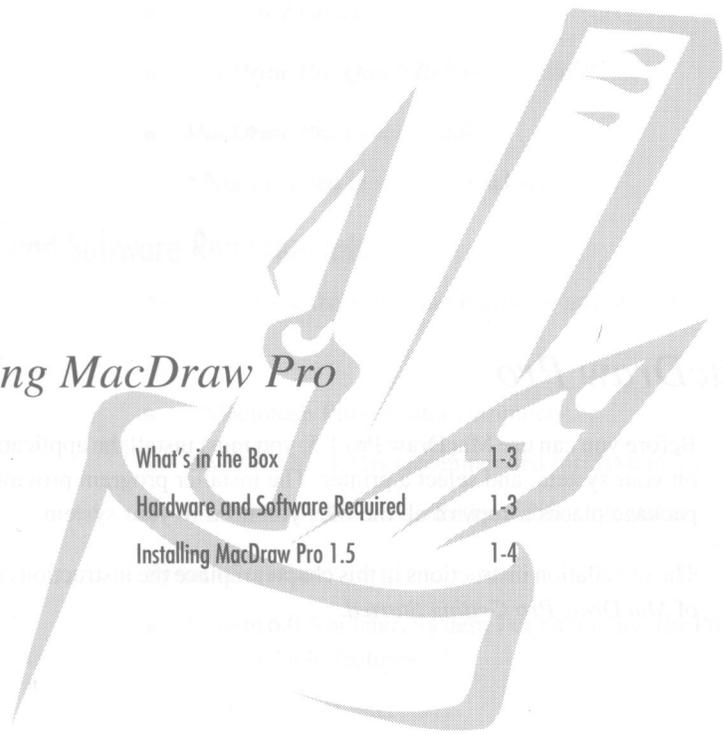
To get this information while MacDraw Pro is running, choose Show Balloons from the question mark icon next to the Finder icon at the top right corner of the window. Then put the cursor arrow on a tool, menu, or indicator you want to learn about.

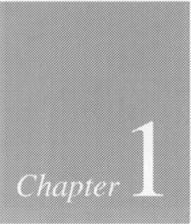


If you prefer to work without Balloon help, choose Hide Balloons from the same menu.

Installing MacDraw Pro

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A dark gray square with a light gray border. Inside, the word "Chapter" is written in a serif font, followed by a large, bold number "1".

Chapter 1

Installing MacDraw Pro

Before you can use MacDraw Pro 1.5, you must install the application and files on your system, and select a printer. The installer program provided in this package places a copy of all the files you need in your system.

The installation instructions in this chapter replace the instructions in Chapter 1 of *MacDraw Pro Getting Started*.

What's in the Box

The MacDraw Pro 1.5 package contains the following items:

- four disks: *Installer, Program, Reference, and Help*
- *MacDraw Pro User's Guide* *
- *MacDraw Pro Getting Started* *
- this *New Features Guide*
- *MacDraw Pro Quick Reference Guide* *
- *MacDraw Pro Color Guide* *

* Not included in upgrade package

Hardware and Software Requirements

You must have the following hardware and software:

Hardware:

- a Macintosh Plus or later computer
- 2 MB RAM; 4 MB recommended for System 7 or for millions of colors
- one 800K disk drive and a hard disk (minimum)

System Software:

- System 6.0.5 or later; System 7 or later to use the Publish and Subscribe and Balloon Help features
- Finder 6.1.5 or later
- 32-bit QuickDraw 1.2 (not required for System 7, but supplied with MacDraw Pro 1.5 for System 6 users).

Installing MacDraw Pro 1.5

The Installer application installs the MacDraw Pro 1.5 application and files onto your hard disk. You can install all the files at once on your system, or you can install the required files and a selection of optional files (such as dictionaries, sample files, tutorial files, and MacDraw Help) to conserve disk space.

The Installer application creates the MacDraw Pro folder and places the application and related files in it. It also places some files in the Claris® folder in your System Folder. If you don't already have a Claris folder, the installer creates one for you.

The MacDraw Pro 1.5 Installer has been updated to require less disk space than in the previous version.

- ◆ **Note** Extra space on your hard disk may be required during the installation process. This space is freed after you've installed MacDraw Pro 1.5. If you have more than one hard disk, install MacDraw Pro on the disk that contains your system software. You can then drag the MacDraw Pro folder to any hard disk.

Using the Easy Install Option

Easy Install places a copy of MacDraw Pro, as well as dictionaries, file translators, color support, and tutorial and sample files on your hard disk.

To install all the files, you must have approximately 5MB of space available on your hard disk.

Using Easy Install:

1. Quit all open applications.
2. Insert the Installer disk.
3. Double-click the Installer icon.
4. When the Installer dialog box opens, click Install.
5. Follow the Installer prompts to insert disks.

Customise Install

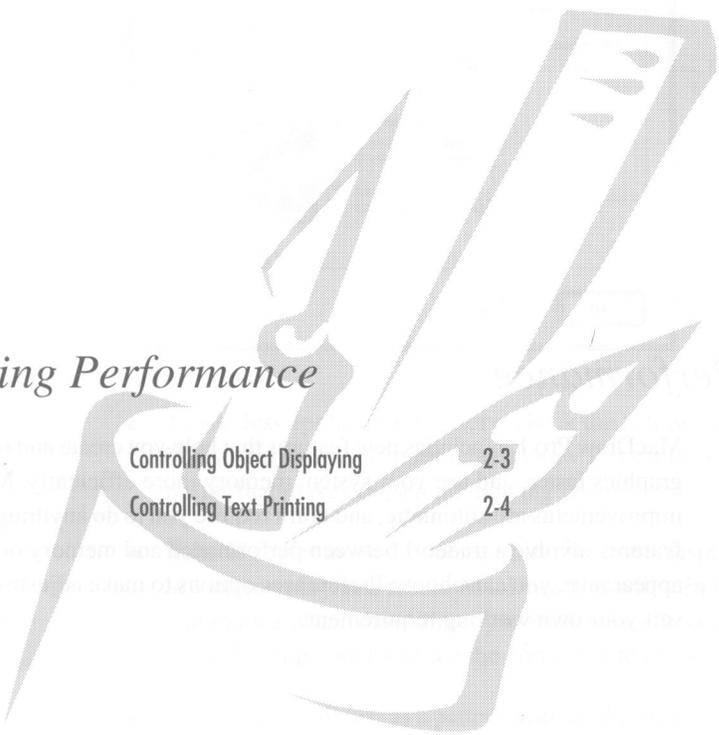
1. Quit all open applications.
2. Insert the Installer disk.
3. Double-click the installer icon.
4. When the Installer dialog box opens, click Customize.
5. Click or Shift-click the files you want to install.
6. Click Install.
7. Follow the Installer prompts to insert disks.



Improving Performance

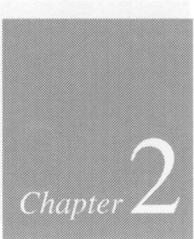
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Improving Performance

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A dark gray square with a white border. Inside the square, the word "Chapter" is written in a small, white, serif font, followed by a large, white, serif number "2".

Chapter 2

Improving Performance

MacDraw Pro 1.5 includes new features that help you create and revise text and graphics faster, and use your system memory more efficiently. Most of these improvements are automatic, and don't require you to do anything. When these features involve a tradeoff between performance and memory or on-screen appearance, you can choose Preferences options to make adjustments that best suit your own working requirements.

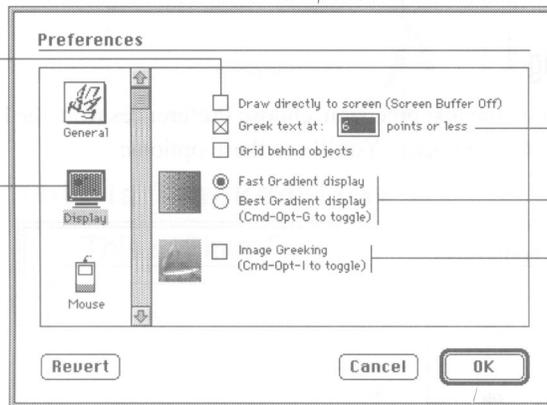
Controlling Object Displaying

You can control the way some objects are displayed, with options that can make the process faster. To use these options, choose Preferences from the Layout menu. Then click the Display icon.

Figure 2-1

Draw direct to screen option

Panel icon



Text display option

Gradient display options

Image drawing option

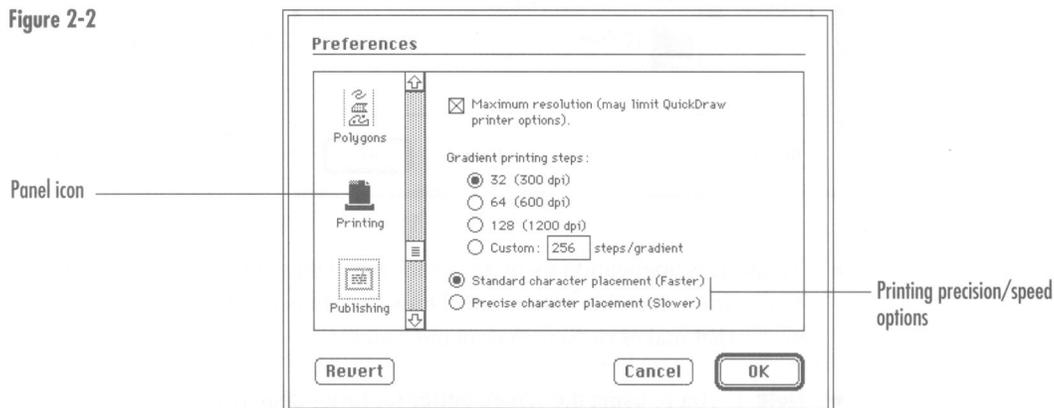
- To use less application memory, check the “Draw directly to screen” box. When you select this option, MacDraw Pro shuts off the special display buffer that makes on-screen drawing faster.
- ◆ **Note** If you’re using the screen buffer for faster display and you’re running low on memory as a result, MacDraw Pro will turn the buffer off automatically and draw directly to the screen. Choose About MacDraw Pro from the Apple menu to see the current state of the screen buffer.
- To display small text as a pattern instead of actual characters, select “Greek text.” You can also enter a point size, at which text will be displayed as a gray rectangle. You can edit greeked text in the normal way.
- ◆ **Note** Any greeked objects or text will be printed and saved normally.

- To draw gradients faster but with less on-screen detail, select “Fast Gradient display.” To draw fully detailed gradients, select “Best Gradient display.” The fast gradient appearance and drawing speed are improved over previous versions of MacDraw Pro.
- To display an EPSF, TIFF, bitmapped, or QuickTime object as a “placeholder” instead of the actual image, select “Image Greeking.”

Controlling Text Printing

To set the text precision, choose Preferences from the Layout menu. Then click the Printing icon. You’ll see these options:

Figure 2-2



- To print text with standard precision, click “Standard character placement (Faster).” In this mode, text won’t be printed with kerning or tracking options.
- To have high precision text alignment, click “Precise character placement (Slower).” Use this mode if you want to print text for which you’ve adjusted kerning and tracking.

Choose Precise character placement when you want to print text that is kerned in the particular font you’re using, or when you’ve made custom adjustments to inter-character spacing, or when you want text characters to be precisely aligned with graphic objects.

- Choose Standard character placement for faster printing, when you don't need the more exact text precision in your document.

Figure 2-3

Precise Character Placement



Standard Character Placement



This is Tracked Text

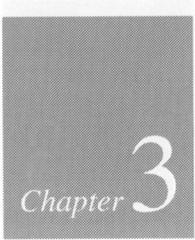
This is Plain Text

Using Publisher and Subscribe

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A dark gray square with a fine grid pattern. The word "Chapter" is written in a serif font, and the number "3" is written in a large, white, serif font to its right.

Chapter 3

Using Publish and Subscribe

MacDraw Pro 1.5 supports Macintosh System 7 Publish and Subscribe, a feature that goes beyond simple copying and pasting. You can now transfer data from one document to another, and have the copy updated automatically whenever you change the original.

Publish and Subscribe transfers and updates data dynamically, from one document to many documents and between Macintosh computers in a network. This feature also lets MacDraw Pro and other applications that support Publish and Subscribe exchange information.

For more information about Publish and Subscribe, refer to your System 7 *Macintosh Reference* or the *User's Guide* you received with your Macintosh.

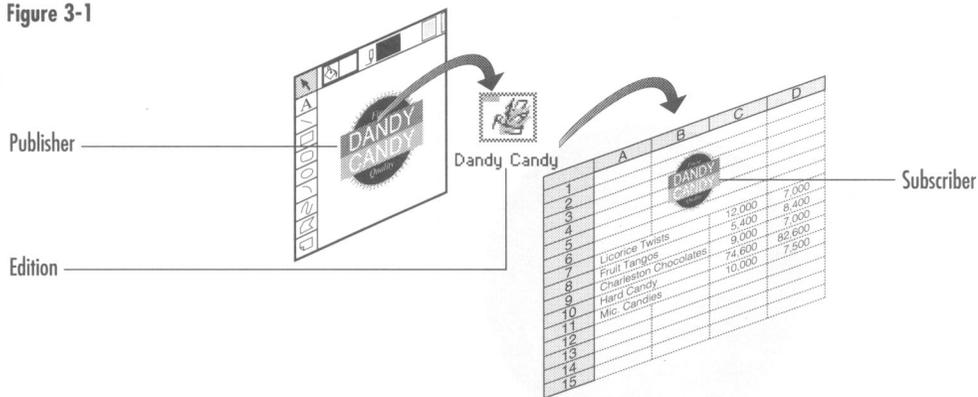
About Publish and Subscribe

When you do “live” copying and pasting from one document to another, the information appears in three places:

- The **publisher**. Any data in a MacDraw Pro document that you designate to share.
- The **edition**. A separate file containing a copy of the publisher. An edition is linked to its publisher, and you can have MacDraw Pro update it automatically when you change the publisher or when you save the publisher document.
- The **subscriber**. A copy of the edition that’s inserted into the same document or other documents, even if they are on another disk or another Macintosh in a network. The subscriber is the shared information, and you can set it to update automatically whenever the edition changes.

This is how Publish and Subscribe elements are related:

Figure 3-1



Publishers and subscribers are linked by the edition file. This link is maintained even if any of the files involved are moved or renamed.

You can have any number of publishers and subscribers in a document.

- ◆ **Note** You must use System 7 to set up publishers and subscribers. Once the links have been established, you can use documents with publishers and subscribers in System 6—but you *can't* update those publishers and subscribers automatically.

Setting Up Publishers and Subscribers

When you set up a publisher, you define part of your document as shared data and save it to a separate edition file. When you set up a subscriber, you define a link between a document and an edition file.

Setting Up a Publisher

To set up a publisher:

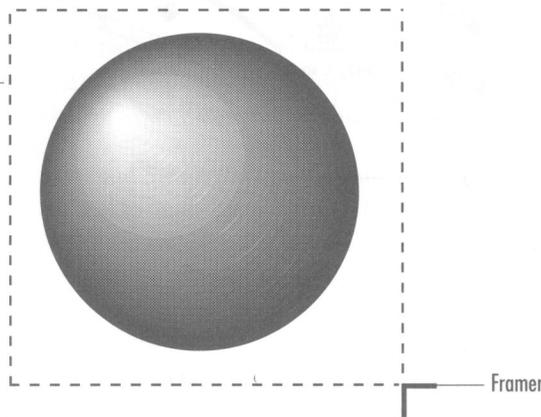
1. Choose **Create Publisher** from the **Publishing** submenu in the **Edit** menu.

The pointer changes from an arrow to a framer, which marks a corner of the publisher area. To cancel the framer, click any tool icon.

2. Press and hold the mouse button as you drag the framer until the marquee encloses the area you want to select.

Figure 3-2

Marquee



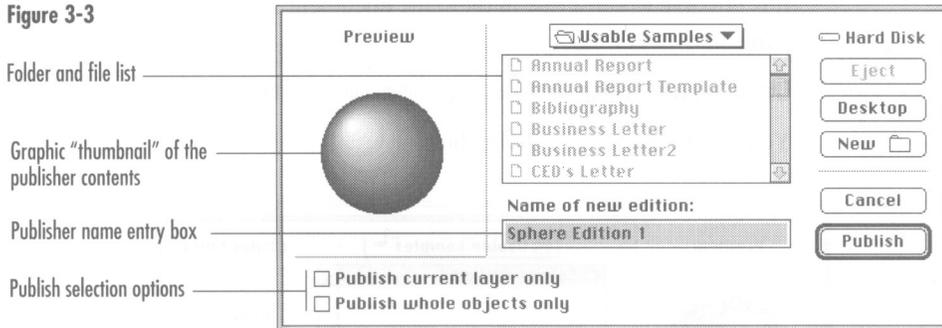
When you release the mouse button, you see the Publisher dialog box.

3. In the **Publisher** dialog box, open the folder where you want to save the edition file.

4. Type a name for the edition file in the text box.

Changes that you make in the Publisher dialog box apply only to the publisher you've just created:

Figure 3-3



5. Check selection options to limit the contents of the publisher.

To publish only objects contained in the frame on the current layer, click the “Publish current layer only” check box. If you leave this option unchecked, all framed objects on the current layer and below will be included.

To publish only the objects that are completely enclosed in the marquee, click the “Publish whole objects only” check box. If you leave this option unchecked, objects just partially within the frame will be included.

◆ **Note** MacDraw Pro recognizes grouped objects as a single object.

6. Click Publish.

MacDraw Pro saves a copy of the objects within the marquee frame as an edition file, and puts a border around the published objects.

Setting Up a Subscriber

To subscribe to an edition:

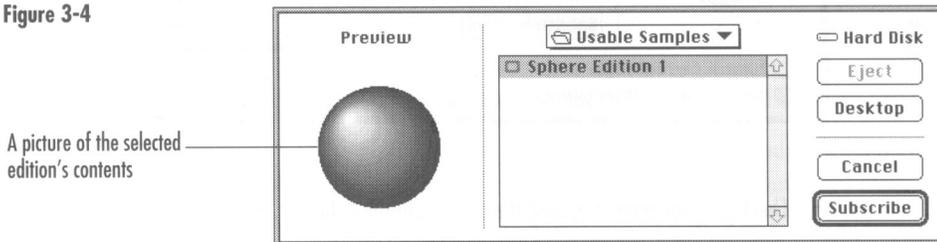
1. Open a document in which you want to place the subscriber.

It is possible to subscribe in the same document in which you've created a publisher.

2. Choose **Subscribe To** from the **Publishing** submenu in the **Edit** menu.

You see the Subscriber dialog box.

Figure 3-4



3. Select the edition you want from the scrolling list and click **Subscribe**, or double-click the edition name.

A copy of the edition appears in the document.

Working with Publishers

You can edit the data in a publisher, specify when the edition is updated, open a publisher's document from its edition file, cancel a publisher, and work with more than one publisher at once.

Modifying a Publisher

You can change the contents of an edition by editing the publisher. Any changes you make to the publisher or its contents are sent to the edition either when you click the "Send Edition Now" option in the Publisher Options dialog box, or when you save the document.

To edit the publisher and select update options:

1. Add, edit, resize, or remove objects in the publisher.
2. Select the publisher by clicking its border.

You see the corner selection handles.

3. Choose Publisher Options from the Publishing submenu in the Edit menu.

You see the Publisher Options dialog box.

Figure 3-5

Edition name and location

Update options

Publisher selection options

Publisher to:

Send Editions:

On Save

Manually

Send Edition Now

Cancel Publisher

Latest Edition: Friday, February 26, 1993 11:27:14 AM

Last Change: Monday, March 1, 1993 2:30:00 PM

Publish current layer only

Publish whole objects only

Cancel OK

Changes you make in the Publisher Options dialog box apply only to the publisher you've selected. You can change only one publisher at a time.

4. Specify when you want the edition to be updated.

In the Send Editions area, click "On Save" to update the edition whenever you save the publisher document.

Click Manually to send changes only when you click Send Edition Now in this dialog box or Send All Editions Now in the Edition List dialog box. (See "Working With More Than One Publisher" on page 3-9.)

The Latest Edition date and time tells you when the edition was last updated. If you select Manually, a second date and time shows you when you last changed the publisher.

5. Check selection options to reset the contents of the publisher and its edition.

To include only objects on the current layer, click the “Publish current layer only” check box. If you leave this option unchecked, all objects within the publisher’s border on the current layer and below will be included.

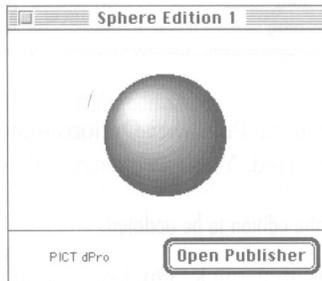
To include only the objects that are completely enclosed in the publisher’s border, click the “Publish whole objects only” check box. If you leave this option unchecked, objects not completely within the publisher’s border will be published.

6. Click OK.

Opening a Publisher Through its Edition

You can open a publisher’s document from its edition on the desktop by double-clicking the edition’s icon. You see a window with a PICT view of the publisher contents:

Figure 3-6



To open the publisher’s document, click Open Publisher. The document containing the publisher opens. If the document’s application isn’t running, it automatically launches and opens the publisher document. The document may open behind the currently active window.

To return to the desktop without opening the publisher’s document, click the window’s close box.

Canceling a Publisher

You can cancel a publisher without affecting the edition file or its subscribers. After you cancel the publisher, you can't send further updates to its edition.

To cancel a publisher:

1. Select the publisher by clicking its border.
2. Choose Publisher Options from the Publishing submenu in the Edit menu.
3. In the Publisher Options dialog box, click Cancel Publisher.

You can also cancel a publisher by selecting its name in the Edition List dialog box, clicking Options, and then clicking Cancel Publisher. To break all the links at once using the Edition List dialog box, see the next topic.

◆ **Note** Canceling a publisher is not undoable.

Canceling a publisher does not remove its edition. To remove the edition, drag it to the Trash and empty the Trash.

Working with More Than One Publisher

You can see a list of all the editions linked to the open document. This is useful when you want to update or cancel all the publishers in a document, or to change a publisher's options without selecting it in the document.

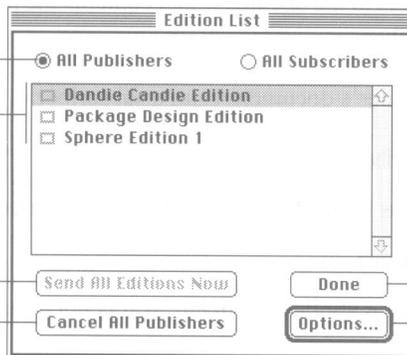
1. Choose Edition List from the Publishing submenu in the Edit menu.

You see the Edition List dialog box.

Figure 3-7

Selects all publishers related to open document
Edition names for publishers in the active document

Sends all changes to all editions
Cancels all publishers



Closes this dialog box
Shows publisher or subscriber options

2. **Click the All Publishers radio button.**

You see a list of all the editions linked to publishers in the active document.

- To update all the editions in the document at once, click Send All Editions Now.
- To cancel all the publishers in the document, click Cancel All Publishers.

MacDraw Pro asks you to confirm the cancellation. If you click OK, you'll break all links between publishers in the current document and their associated editions. The edition files still exist, but you can't update them.

3. **When you finish, click Done.**

You can also reset the options for an individual publisher by selecting its name from the list and clicking Options.

Working with Subscribers

You can edit the data in a subscriber, set when the subscriber receives updates, cancel a subscriber, and work with more than one subscriber at once.

Modifying and Updating a Subscriber

MacDraw Pro is preset to update a subscriber whenever its associated edition changes. To change an edition, you must modify its publisher.

You can also edit the subscriber directly.

Going to the Subscriber's Publisher

If you have access to the document that contains the publisher, you can open it from the subscriber.

To open a publisher's document from a subscriber:

1. **Select the subscriber.**
2. **Choose Subscriber Options from the Publishing submenu in the Edit menu.**
3. **Click Open Publisher.**

The publisher's application opens, if it is not already open.

Editing the Subscriber in MacDraw Pro

In a MacDraw Pro document, you can move, resize, scale, and change the pen weight of a subscribed object. You can also change fonts, font sizes, and font styles. These changes affect all objects in the subscriber.

- ◆ **Note** You can't rotate the subscriber.

All your changes, except moving, are temporary until the next time the subscriber is updated. To ensure that your changes remain in the document, you must cancel the subscriber. See “Canceling a Subscriber” on page 3-13.

To edit individual objects in a subscriber, you must first cancel the subscriber and then ungroup. If a subscriber is linked to an edition whose publisher is *not* set to “Publish Whole Objects Only,” then some objects may be cropped in the subscriber. When you cancel that subscriber, the formerly cropped objects will reappear in their entirety and may expand beyond the subscriber frame. If you ungroup those objects, they may fall outside the document's boundaries. In that case, MacDraw Pro warns you that you must move the objects away from the edges of the drawing before you ungroup.

- ◆ **Note** If you check the “Publish whole objects only” option, MacDraw Pro creates an edition that includes just the whole objects. When you subscribe to that edition, partial objects won't be included.

Updating the Subscriber

You can set a subscriber to update automatically when its edition changes, or only when you request an update.

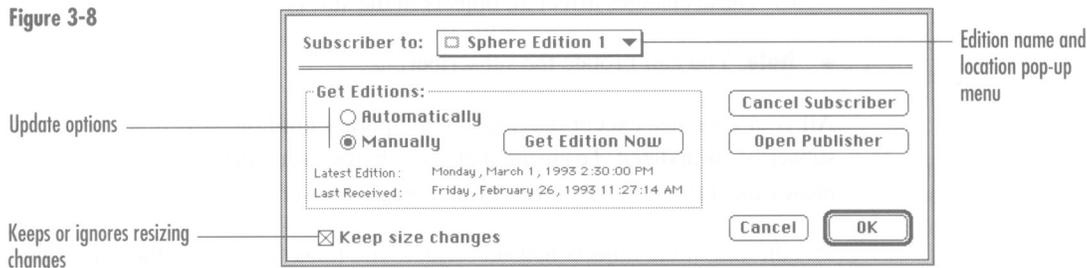
To set options for updating a subscriber:

1. Select the subscriber.

2. Choose Subscriber Options from the Publishing submenu in the Edit menu.

You see the Subscriber Options dialog box.

Figure 3-8



You can also open this dialog box from the Edition List. See “Working With More Than One Subscriber” on page 3-13.

3. Specify when you want the subscriber to be updated.

In the Get Editions area, click Automatically to update the subscriber as soon as the edition file changes.

Click/Manually to update the subscriber only when you click Get Edition Now.

The Latest Edition date and time show when the edition was last updated. If you select Manually, a second date and time appear, showing when you last updated the subscriber.

- ◆ **Note** Any changes you make in a subscriber are temporary because they will be overwritten at the next update. If you want to break the link and turn a subscriber into a grouped object in the document, click Cancel Subscriber. You can also suspend updates. See “Suspending Changes to Editions” on page 3-15.

4. To update a subscriber manually, click Get Edition Now.

5. Click OK.

You can also update all the subscribers in the current document at once. See “Working With More Than One Subscriber” on page 3-13.

Canceling a Subscriber

You cancel a subscriber by deleting its link to the edition. The most recent version of the edition remains in the document.

- ◆ **Note** You can cancel a subscriber in either System 7 or System 6.

To cancel a subscriber:

1. **Select the subscriber.**

If you're working with more than one subscriber, you can also use the Edition List to select a subscriber. See the next topic.

2. **Choose Subscriber Options from the Publishing submenu in the Edit menu.**

You see the Subscriber Options dialog box.

3. **Click Cancel Subscriber.**

You can also cancel a subscriber by selecting its name in the Edition List dialog box, clicking Options, and then clicking Cancel Subscriber. To break all the links at once using the Edition List dialog box, see the next topic.

4. **Save the document.**

Canceling a subscriber is not final until you save the document.

Working with More Than One Subscriber

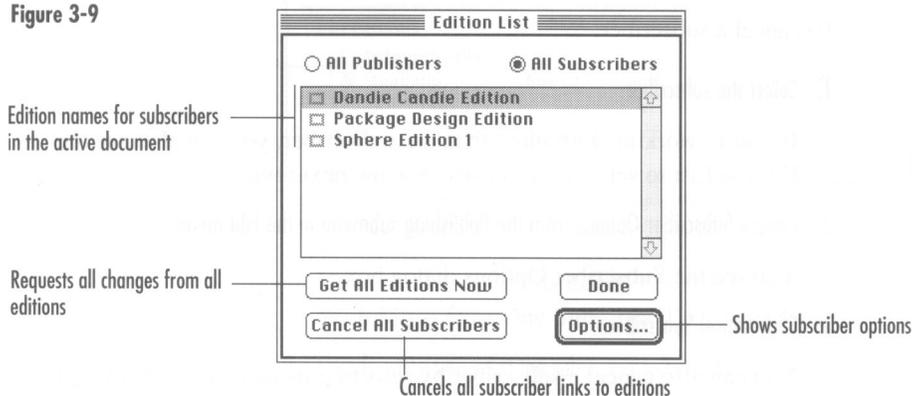
You can see a list of all the subscribers in a document. This is useful when you want to update or cancel all the subscribers, or select an individual subscriber and change its options without selecting it in a document.

To use the edition list:

1. Choose Edition List from the Publishing submenu in the Edit menu.

You see the Edition List dialog box.

Figure 3-9



2. Click All Subscribers.

- To update all the subscribers in the document at once, click Get All Editions Now.
- To cancel all the subscribers in the document, click Cancel All Subscribers. Cancelling a subscriber does not affect the edition file.

MacDraw Pro asks you to confirm the cancellation.

3. Click OK or Cancel.

If you click OK, you either update all subscribers in the document or delete the link between subscribers and their editions.

4. When you finish, click Done.

- ◆ **Note** If you change your mind, choose Revert to Saved from the File menu or close the document without saving changes.

5. **Save the source document.**

You can reset the options for a subscriber by selecting its name from the list and clicking Options. For more information on these options, see “Modifying and Updating a Subscriber” on page 3-10.

Suspending Changes to Editions

If you set MacDraw Pro to update an edition automatically when you save its publisher, or to update a subscriber automatically whenever its edition changes, the following things can happen:

- Each time you save a publisher’s document, it takes a few seconds to send updates to the edition and receive them in the subscriber’s document. This delay may be inconvenient if you’re in a hurry.
- If you are modifying a subscriber, your changes will be lost if the subscriber receives new information from an edition. You might not want this to happen, for example, if you subscribed to a graphic and need to analyze it for a while before you receive an update.

To suspend updates to editions and subscribers, choose the Suspend All Editions command from the Publishing Submenu in the Edit menu.

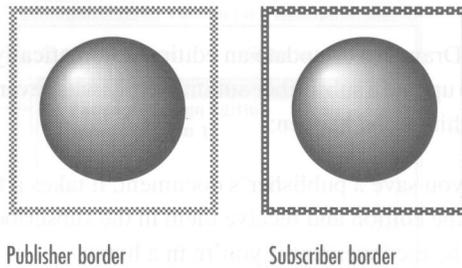
When Suspend All Editions is active, the command is checked in the submenu. When you choose Suspend All Editions again, it becomes unchecked and editions are updated with all the changes made to the publishers since you suspended them.

MacDraw Pro saves this setting with the document.

Publisher and Subscriber Borders

MacDraw Pro marks publishers and subscribers by surrounding them with a border. A publisher's border is light gray; a subscriber's is dark gray. The borders never print.

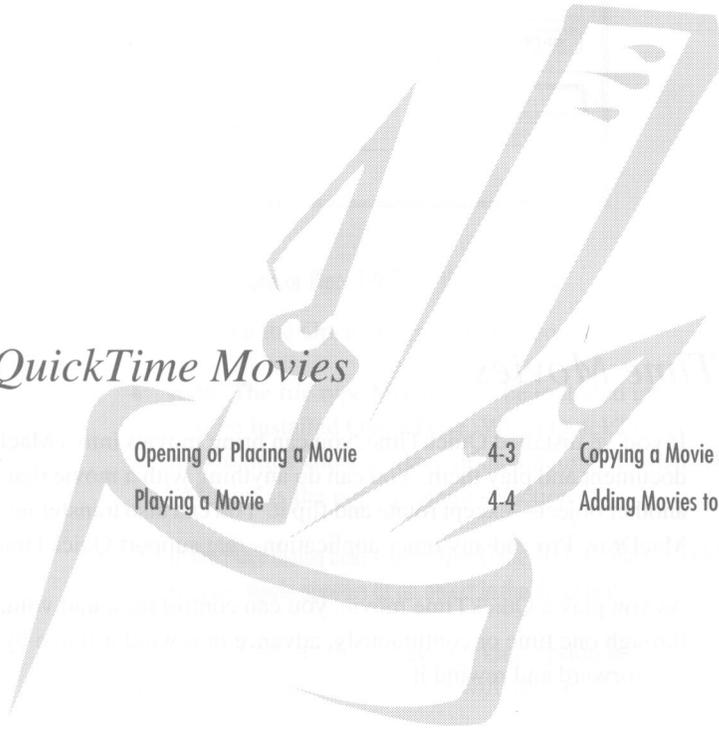
Figure 3-10



If you don't want borders to appear around all publishers and subscribers, choose Hide Borders from the Publishing submenu in the Edit menu. To see the borders again, choose Show Borders from the Publishing submenu.

Using QuickTime Movies

Opening or Placing a Movie	4-3	Copying a Movie or a Single Frame	4-6
Playing a Movie	4-4	Adding Movies to a Library	4-6



Chapter 4

Using QuickTime Movies

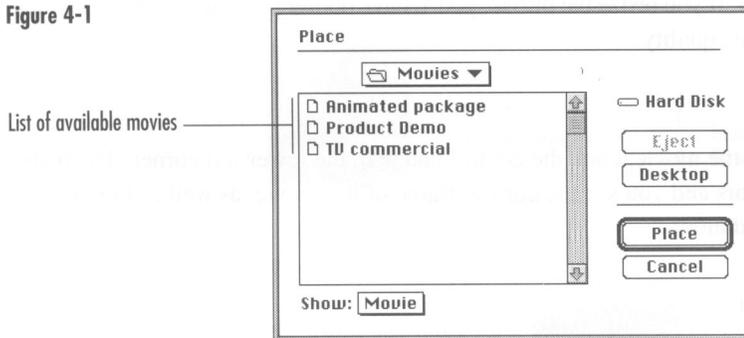
If you've installed QuickTime, you can bring movies into a MacDraw Pro 1.5 document and play them. You can do anything with a movie that you can with another object—except rotate and flip it. You can also transfer movies between MacDraw Pro and any other applications that support QuickTime.

As you play a QuickTime movie, you can control its sound volume, play it through one time or continuously, advance or rewind it frame by frame, and fast forward and rewind it.

Opening or Placing a Movie

To place a movie in a document window:

Figure 4-1



1. Choose Open or Place File from the File menu.

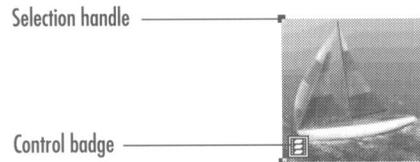
You see the Open or Place dialog box. /

- ◆ **Note** The file type Movies will be included in the pop-up menu list only if you've installed QuickTime. When QuickTime is installed, you'll see the movie titles you can place in the document when "All Available" or "Movie" is the pop-up menu selection.

2. In the Place dialog box, select a QuickTime file from the scrolling list and then click Place. The selected movie appears as an object in the document.

If you have not set the image greeking option in the Display Preferences panel, the current frame of the movie will appear in the document:

Figure 4-2



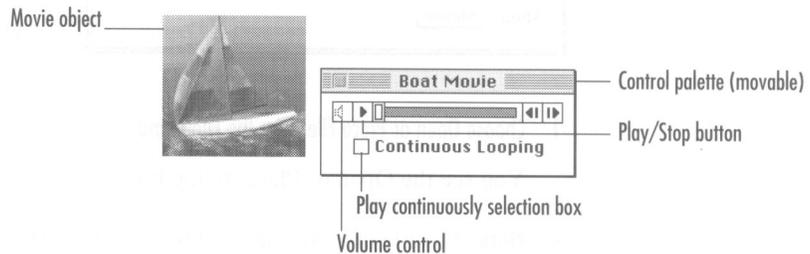
To select a movie, click anywhere on its image except on the control badge. Then, you can resize the image by dragging a selection handle. You can also reposition it anywhere in the document by dragging.

- ◆ **Note** If you resize the movie, you'll have poorer playback performance and image quality.

Playing a Movie

To play the movie, click the control badge in the lower left corner. The badge disappears and you see the current frame of the movie, as well as the movie control dialog:

Figure 4-3



1. Click the Play button.

When the movie starts, the Play button changes to Stop. Click it again to stop playing at any point.

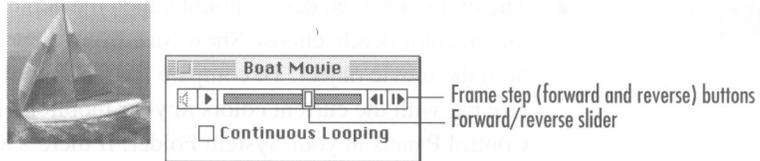
To play the movie repeatedly, click the Continuous Looping box.

2. To raise or lower the volume, click and hold the volume control button as you adjust the pop-up volume slide.

To step through the movie frame by frame:

- Click the right frame step button to advance one frame at a time; click the left button to rewind one frame at a time.

Figure 4-4



To fast forward or rewind:

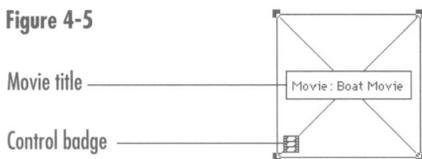
- Hold down the right frame step button (to fast forward) or the left frame step button (to fast rewind); or move the slider left or right.

If you close the control dialog while the movie is playing by clicking in its close box, (or by pressing Command-.), the movie continues to play. To make the control dialog reappear, click anywhere on the movie image.

- To play a movie in slide mode, Command-click the movie.

You can greek a movie by selecting the Image Greeking option in Display Preferences on the Layout menu.

Figure 4-5



To play a greeked movie, click its control badge.

Tips for Maximizing Movie Performance

- If you close the movie control dialog while the movie is playing, or play several movies at the same time, or resize the movie, playing performance will be reduced.
- The monitor screen depth should match the depth of the movie. To see the movie color depth, choose Show Size from View menu and then click and hold the movie object. To compare the number of colors displayed in the size bar with the current colors in your monitor, choose Monitors from Control Panels in your System Folder. If there's a difference, change the number of colors in the Monitors dialog box.
- Allow as much RAM as possible. The more RAM, the better the playing performance.
- You see the best playback when you have the movie controller open, or when the movie is part of a slide show.

Copying a Movie or a Single Frame

To copy a movie, in playable form:

1. Select the movie image.
2. Choose Copy from the Edit menu, or press Command-C.

To copy a single frame (as an image, but not playable):

1. Stop the movie on the frame you want to copy.
2. Press Command-Option-C.

Adding Movies to a Library

To add a QuickTime movie object to a library, select the movie and copy it. Then choose New Library from the File menu or open an existing library, and paste the object. You can place a movie in a document by selecting the movie name from the library window and then clicking Place.

- ◆ **Note** You can rename movies in a Library dialog box. The movie name is used during remote control play.

Using New Menus and Commands

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Chapter 5

Maximizing Movie Performance

- Close those movies you aren't using, which also reduces the amount of RAM used. Movies that are open but not being viewed will be reloaded.
- The resolution of a movie should match the aspect of the monitor. For example, the resolution of a digital camera should be 720p (720 pixels high) if you're using a 15-inch monitor. This improves the number of colors displayed on the screen and will be more efficient in your computer's memory. Additionally, there's less data to read from your System Folder. If there's a 4:3 aspect ratio, the monitor is 1024 pixels wide and 768 pixels high. The MacDraw Pro monitor is 1024 pixels wide and 768 pixels high.
- Close the background applications that aren't needed. Applications that are running in the background are not needed for the movie to play.

Copying a Movie or a Single Frame

Using New Menus and Commands

This chapter describes the menus and commands that are new or changed in MacDraw Pro version 1.5. For information about other menus and commands, see *MacDraw Pro User's Guide*.

Adding Movies to a Library

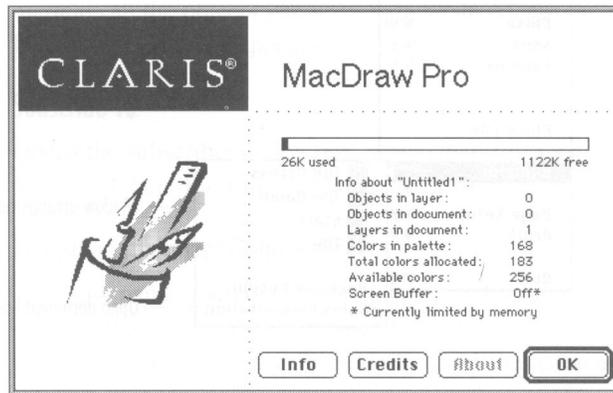
- **File > QuickTime > Add to Library** (Command-Shift-L) adds a movie to the current library. You can also add a movie to a library by dragging a movie file to the library icon in the Library palette. You can also add a movie to a library by dragging a movie file to the Library palette icon in the Library palette.
- **File > QuickTime > Add to Library** (Command-Shift-L) adds a movie to the current library. You can also add a movie to a library by dragging a movie file to the library icon in the Library palette. You can also add a movie to a library by dragging a movie file to the Library palette icon in the Library palette.

Apple menu

About MacDraw Pro

The About dialog box, which appears when you choose About MacDraw Pro from the Apple menu, now includes information about the screen buffer. When the buffer is on, you see the amount of memory it's using. When the buffer is off, you see whether it was turned off by you or by the application because of memory limitations.

Figure 5-1

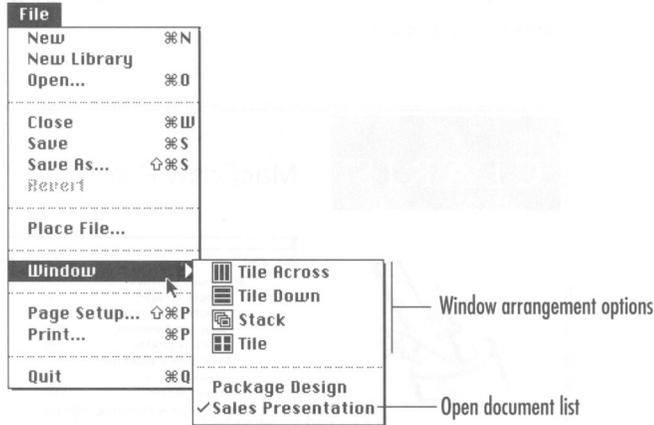


File menu

Window

Choose the Window command to display a submenu you can use to arrange MacDraw Pro documents on the screen:

Figure 5-2



Using window arrangement options:

To arrange windows...	For document visibility	Choose:
Vertically, left to right	As much as possible	Tile Across
Horizontally, top to bottom	As much as possible	Tile Down
Horizontal stack	Title bars, except for top document	Stack
Horizontally and vertically	As much as possible	Tile

You can also use the Window submenu to switch between open documents. The names of all open documents appear below the window arrangement options. When you choose a name from the list, that document is brought forward on the screen and becomes active.

Edit menu

Publishing

Create Publisher

Use this command to create a publisher—a selected part of a MacDraw Pro document that you want to share with other documents.

When you choose Create Publisher, you see a special selection cursor, the framer, that you drag to form a marquee. When you've enclosed within the marquee all the objects you want to publish, release the mouse button. The Publisher dialog box appears.

Subscribe To

Opens the subscriber dialog box, which displays a list of the editions you can select and then insert in your document.

Publisher/Subscriber Options

This command is active when you have a publisher or subscriber selected. It opens a dialog box you use to specify update options, get or send editions, cancel publishers or subscribers, define publisher contents, and keep or ignore resizing changes.

Edition List

Opens an Edition List of current publishers or subscribers for which you can send or receive updates, and open the publisher or subscriber options dialog.

Hide/Show Borders

Hides or shows Publisher and Subscriber borders in the current document.

Suspend All Editions

This command discontinues updating of all publishers and subscribers in the current document until you choose it again.

Layout menu

Preferences

Contains options you can use to customize MacDraw Pro functions. On the left side of the dialog box you see a scrolling list of icons. When you click an icon, a panel of related options appears.

The Preference panels are:

- General
- Display
- Mouse
- Polygons
- Printing
- Publishing
- Translators

The following paragraphs describe only the new or changed options in MacDraw Pro version 1.5. For information about other Preferences items, see chapter 10 in *MacDraw Pro User's Guide*.

Display

You have the option of rendering gradients in rough form, which results in faster drawing of gradient-filled objects on the screen, or of rendering at higher quality but at slower speed. You can also “greek” movies, TIFF, bitmapped, and EPSF images and text so they're not fully rendered on screen but shown as marked boxes. Greeked objects print correctly.

Two options that were General preferences in MacDraw Pro 1.0 (“Grid behind objects” and “Fast display of gradients”) are now Display preferences.

Publishing

The options in this panel let you change the default updating conditions for Publishers and Subscribers.

Printing

In this panel, you can set text printing to Standard character placement (faster) or Precise character placement (slower speed).

Balloon Help

To see balloons that contain brief explanations about MacDraw Pro tools and commands, choose Show Balloons from the Help menu. When you place the pointer on a tool, menu, or window icon, you see a text balloon.

To turn Balloon Help off, choose Hide Balloons from the Help menu.

Shortcuts and Conveniences

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or Gradient 6-2

Changing Color in Patterns 6-3

Text Scaling with Command Keys 6-4

Shortcut to Open the Layers Dialog Box 6-5

Displaying Color and Fill Area
Information 6-2

Scaling from the Center of Frame to
Corner 6-5

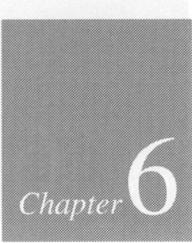
The Apple-Trackball Show Sheet Command 6-6

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Shortcuts and Conveniences

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Chapter 6

Shortcuts and Conveniences

MacDraw Pro 1.5 includes new shortcuts and features that make it easy to:

- select objects by color, pattern, and gradient
- change foreground and background colors in patterns
- scale text with command keys
- open the Layers dialog box by double-clicking
- display the number of object colors and pen size
- specify a scaling reference point
- copy an individual movie frame
- close the movie control dialog with command keys
- control slide presentations and movies remotely
- convert files created in previous MacDraw versions

Selecting Objects by Color, Pattern, or Gradient

You can select objects in your drawing by color, pattern, or gradient attribute. You can also select objects with a combination of attributes by using the eyedropper tool and the color, pattern, or gradient palettes. Begin by tearing off the palette containing the attributes you want to select.

To select objects that have the same pen or fill attribute:

1. Click in the fill indicator or the pen indicator to specify whether you want to select by a fill or pen attribute.
2. In the appropriate palette, click the color, pattern, or gradient you want to select for.

The attribute will appear in the indicator you've selected.

3. Click the eyedropper tool to select it.
4. Press Command-A.

MacDraw Pro selects all the objects in your drawing with the color, pattern, or gradient you clicked.

To select objects that have both fill and pen attributes in common:

1. Select the fill indicator.
2. In the appropriate palette, click the color, pattern, or gradient for the fill you want to select for. Or click the eyedropper tool and then click an object with the desired fill.

The attribute appears in the indicator you've selected.

3. Select the pen indicator.
4. In the appropriate palette, click the color or pattern for the pen you want to select for. Or click the eyedropper tool and then click an object with the desired pen.

The attribute appears in the indicator you've selected.

5. Hold down the Shift key and click the fill indicator again.

Both the pen and the fill indicators are selected.

6. Click the eyedropper tool.
7. Press Command-A.

MacDraw Pro selects all the objects that have *both* the attributes you're looking for.

Changing Color in Patterns

You can change the foreground and the background colors in patterns. The preset pattern in the palette has a black foreground and a white background. To change a pattern's foreground and background color:

1. Tear off the color and pattern palettes.
2. Choose Patterns from the Layout menu, or double-click the pattern you want to edit.

The Pattern Editor dialog box appears.

3. Click a color from the color palette to replace the background; Option-click a color to replace the foreground.

You see the color change in the Pattern Editor preview.

4. Click OK.

- ◆ **Note** Color patterns with non-white background colors will not print correctly to certain PostScript devices.

Text Scaling with Command Keys

To scale text in menu size increments:

1. Select the text.
2. Press Shift-Command-> to increase size; Shift-Command-< to reduce to reduce size.

To scale text in 1-point increments:

1. Select the text.
2. Press Shift-Option-Command-> to increase size; Shift-Option-Command-< to reduce size.

Shortcut to Open the Layers Dialog Box



You can open the Layers dialog box directly by double-clicking the white area around the layer controls.

Displaying Color and Pen Size Information

To see the number of possible colors in bitmapped images (including movies):

1. Choose **Show Size** from the **View** menu.
2. Click on the object and hold the mouse button.

The bit depth, or maximum number of colors the object can contain, appears to the right of other information in the **Size** bar at the bottom of the window. The actual number of colors in the object may be smaller than the number shown.

To see the current pen size, in points:

1. Choose **Show Size** from the **View** menu.
2. Click on the object and hold the mouse button.

The pen size of the object appears to the right of the pointer distances in the **Size** bar.

Scaling from the Center or from a Corner

By using the **Corner/Center Control**, you can scale objects from the center or from the upper left corner.



Center-to-edge control



Corner-to-corner control

To scale with the center of the object as the point of reference:

1. Select the object you want to rescale.
2. Click the **Corner/Center Control** so the center-to-edge symbol appears.
3. Choose **Scale Selection** from the **Arrange** menu and enter the size percentage you want.
4. Click **OK**.

To scale with the upper left corner as the point of reference:

1. Select the object you want to rescale.
2. Click the Corner/Center Control so the corner-to-corner symbol appears.
3. Choose Scale Selection from the Arrange menu and enter the size percentage you want.
4. Click OK.

Apple Events Slide Show Control

MacDraw Pro 1.5 includes a HyperCard® Apple events Slide Show Controller. With this controller, you can run slide presentations and play movies as part of a presentation.

A ReadMe file contains some basic information about this Controller.

File Conversion Options

To “drop launch” files created in MacDraw II or MacDraw Pro 1.0:

1. Drag the file icon over the MacDraw Pro 1.5 application icon.

When you release the mouse button, MacDraw Pro 1.5 starts up, opens the file, and converts MacDraw II files automatically.

2. Choose Save or Save As from the File menu and select a disk location for the converted file.

To convert files in the background if you’re using System 7, or System 6 with MultiFinder:

1. While the file is converting, click the application selector icon at the extreme right end of the menu bar.
2. Select another application and open a file.

- ◆ **Note** File conversion in the background is slower.

